

# **SUPPLEMENT**

TO THE BIORESONANCE

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# I. HISTORY

## OF BIORESONANCE THERAPY

The history of the emergence of bioresonance therapy can be briefly described as a struggle of hope for recovery, love of life, and a desire to help people get rid of diseases, in the face of the profit-seeking of pharmaceutical companies, administrative systems, and skepticism of the medical community.

Bioresonance therapy has its roots in the late 19th century. Long before Morell's hypothesis (1977) and the promotion of BRT method, Russian scientist N. Wiedensky conducted experiments on the electric rhythmic interaction with living systems. Along with A. Uchtomski, he developed the theory of physiological parabiosis, variable labilization, absorption of optimal alternating lability rhythm, and the theory of dominance. D. Nasonov developed the theory of parane-crosis of cells (para - on the border, necrosis - destruction, cell death, tissue, organ). N. Wiedensky experimentally confirmed the concept of optimal rhythm, which is expressed in a rapid increase in the activity of cells, nerves, and organs during rhythmic electric irritation or interaction at a specific frequency with a minimal threshold of stimulation. This is precisely what is meant by bioresonance, a concept that mainstream scientists refuse to accept. Wiedensky introduced the concept of „physiological parabiosis” as a normal, mobile functional state maintained and controlled by the frequency coming from the nervous centers of the body's own nervous system. Similar to the parabiosis phase of the course of processes during the adaptive syndrome, Selye and Simonov discovered identical phases of the reaction of the entire brain. In turn, Pavlov discovered identical phases of the entire brain's reaction.

In the early 20th century, Russian scientist Alexander Gurwitsch discovered that every multicellular organism emits an electromagnetic field produced by individual cells. As a result, there is a general field of the living organism that has an extremely important role in all physiological processes.

Later, the idea of bioresonance interaction was developed by Dr. Raymond Rife, who used an electromagnetic wave generator to treat cancer in its advanced stages.

In 1934, the mentioned scientist invited 16 terminally ill volunteers with late-stage cancer in the state of California, because after three months of treatment, 14 of them turned out to be completely healthy individuals, and the remaining two continued treatment for four more weeks, after which they also fully recovered their health.

Rife's genius allowed him to create a microscope with unprecedented magnification capabilities. The microscope helped determine at what frequency the patient's molecules and diseased cells were emitting electromagnetic radiation, after which Rife applied a specific frequency to destroy the diseased cells. Within a few years, he created a table of destructive frequencies for specific pathogenic factors. (See the book „The Rife Handbook of Frequency Therapy and Holistic Health” by Dr. Nenah Sylver).

In 1933, he improved this technology and created an incredibly complex, universal microscope consisting of almost 6,000 parts and capable of magnifying objects 60,000 times. Rife became the first person to actually see a living virus. Modern electron microscopes immediately kill everything, so we only observe mummified remains and debris, while what the Rife microscope was able to see was the tumultuous activity of living viruses as they change shape to adapt to changes in their environment, quickly react to carcinogens, and transform normal cells into cancerous cells.

Rife meticulously identified the individual emission spectrum of each microorganism using the properties of spectral analysis. He slowly rotated quartz prisms to focus the light of a single wavelength on the microorganism he was studying. This wavelength was carefully chosen because it resonated with the spectral emission of the microorganism. It is now known that each molecule vibrates at its own unique frequency. Atoms that combine to form a molecule do so in a molecular configuration with covalent bonds of energy in such a way that the molecule emits its own determinable electromagnetic frequency. Two different molecules always have different electromagnetic vibrations and different electromagnetic spectra. Resonance amplifies light in the same way that two ocean waves strengthen each other when they merge.

YOU CAN SEE IT VIVIDLY ON THE EXAMPLE OF A GLASS:

<http://youtu.be/BE827gwnnk4>



The result of using resonant wavelength is that microorganisms invisible in white light suddenly become visible in reflected light. They become visible when the frequency of light resonates with their own spectrum of radiation. Rife saw microorganisms in this way that had been invisible before, and observed their penetration into tissue structures. Rife's discovery allowed him to observe organisms that no one had previously been able to see using a regular microscope.

Over 75 percent of the organisms that Rife observed with his universal microscope (which costs between 750,000 and 1 million złoty in a more modernized version; see [www.grayfieldoptical.com](http://www.grayfieldoptical.com)) could only be seen in UV light. However, UV light is not visible to the human eye. Rife's special illumination allowed him to overcome this limitation by using a transformation technique that he based on the technique of combining two signals to obtain a third - differential signal. He illuminated microorganisms (usually VIRUSES or bacteria) with two different wavelengths of the same short ultraviolet frequency, which resonated with the spectral part of the microorganism. These two wavelengths interacted with each other at the point of contact. This interaction actually created a third, longer wave, which hit the visible part of the electromagnetic spectrum. This was a discovery that allowed Rife to make microorganisms visible without killing them. Rife identified 400 different types of tumors and selected specific frequencies for them.

Since then, many scientists and doctors have confirmed Rife's discovery that cancer is caused, among other things, by VIRUSES that are visible in a certain frequency spectrum.

Rife also used the principle of resonance to kill VIRUSES. By increasing the intensity of radiation at a frequency that resonated with the VIRUSES, Rife intensified their natural vibrations until they were destroyed by the radiation. He called this frequency the „mortal oscillatory rate,” or „MOR,” and the radiation did not harm the surrounding tissue. Rife needed many years to conduct his research. He worked tirelessly for up to 48 hours until he detected a specific frequency that killed specific VIRUSES.

In 1934, the University of Southern California appointed a special medical committee to study the treatment of terminally ill cancer patients, involving doctors and pathologists from Pasadena County Hospital who were to examine patients - as long as they remained alive - every 90 days. After 90 days, the committee found that 86.5 percent of the patients had been completely cured. The remaining 13.5 percent of patients were cured within the next four weeks. The total number of recoveries achieved using Rife's technology was 100 percent.

On November 20, 1931, representatives from 40 of the most respected medical institutions attended a lecture by Rife on cancer. However, by 1939, almost all of them denied ever meeting or hearing of Rife. What happened? What caused many medical luminaries to suffer such amnesia?

News of Rife's discoveries and how effectively he was curing patients in the terminal stages of cancer reached many ears. First, attempts were made to bribe Rife to collaborate with pharmaceutical companies. Rife refused. Then, he was arrested 125 times within 16 months, accused of practicing medicine without a license. The pharmaceutical community was opposed to researching Rife's therapy, which had a success rate of up to 100 percent.

Rife spent decades collecting evidence of the efficacy of his method, including photographs and films. Eventually, his documentation, films, and lab notes began to disappear. When Rife tried to reproduce the data (there were no photocopiers or computers at the time), someone would destroy his valuable microscopes. The Burnett Lab in New Jersey, worth millions of dollars, burned down while scientists were preparing to confirm Rife's findings. However, the final blow came when the police confiscated the remaining 50-year research of Rife. Hoyland was the only company producing Rife's devices, but it lost a court case and went bankrupt. During the Great Depression, this meant the complete cessation of production of Rife's devices.

Despite the fact that Rife's treatment method proved to be 100% effective, it was quickly forgotten due to the efforts of pharmaceutical companies, whose owners understood the threat posed by this innovative treatment method. Eventually, Rife started drinking, became an alcoholic, and his method was banned.

From 1940-1945, Professor Harold Saxton Burr of Yale University, along with biologists and other scientists, conducted research and found that all living organisms possess an electromagnetic field, which is, in essence, quite complex. Reinhold Voll's research was based on the ancient knowledge of the Chinese regarding special points that can improve or worsen the function of certain organs. After many experiments, Voll discovered that there are points on the skin with significantly higher numbers of nerve endings and electric potential than normal parameters. Thus, electro-acupuncture was created.

In 1975, German physicist Fritz-Albert Popp proved that all biological processes in the body occur through the interaction of electromagnetic fields of cells. This means that the body operates a sophisticated communication system consisting of electromagnetic waves and photons through which cells exchange necessary information, and this communication occurs much faster than that which occurs through nerve fibers and hormones.

Further foundations of bioresonance therapy were developed in 1977 when German scientist Franz Morell and engineer Erich Rasche created MORA therapy.

There are currently many devices for bioresonance therapy, but they mostly operate on the same principles that were based on the brilliant research of Rife.

MORE INFORMATION ABOUT RAYMOND RIFE IN THE POLISH VERSION AT:

<http://www.igya.pl/polecana-literatura/troche-historii/276-raymond-rife-genialny-naukowiec>

<http://www.igya.pl/polecana-literatura/troche-historii/473-tajemnice-generatora-rifea-cz1>

<http://www.igya.pl/polecana-literatura/troche-historii/474-tajemnice-generatora-rifea-cz2>



## II. METHODOLOGICAL RECOMMENDATIONS

One of the ways to use the device is in physiotherapy. The use of the device has a deactivating effect on pathogenic macro and microorganisms at an energetic level, as well as their toxins that are the cause of many diseases and pathological conditions. This allows for a comprehensive and highly effective resolution of a range of problems in medicine, cosmetology, sports medicine, and veterinary medicine on a physical level of the body, while maintaining a high degree of safety.

Many diseases are closely related to the presence of parasitic, bacterial, and viral factors in the body, both pathogenic and symbiotic in various organs. The cause of severe chronic diseases such as Parkinson's disease, Alzheimer's disease, AIDS, cancer, multiple sclerosis, endometriosis, uterine fibroids, mastopathy, reactive arthritis, ischemic heart disease, atherosclerosis, skin diseases, etc. is most often an infectious factor (viral, bacterial, fungal, and parasitic causing inflammation of internal organs). In cells and hollow organs, pathogenic factors and parasites are difficult to access for any type of interaction, but during penetration into the blood, it is much easier to achieve the designated goal, as acute and chronic processes in the acute stage are more responsive to treatment.



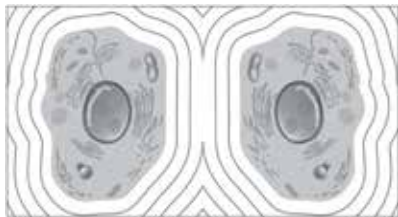
In his publications issued in 1978, F. Morel showed that each organism as such, as well as its individual organs and tissues, emit small electromagnetic vibrations in a wide frequency spectrum: cells are in constant motion, and as a result, their membranes are constantly vibrating. Vibration creates an electromagnetic field with specific parameters (frequency, amplitude, etc.). Pathogenic factors (viruses, bacteria, parasites) are also a source of such vibrations. These are so-called pathological vibrations caused by the life activities of harmful microorganisms that disrupt the physiological balance of the organism. Morell was one of the first to propose not only recording biological potentials but also influencing the human body, pathological flora, and parasites with electromagnetic signals of a similar configuration. Based on the laws of physics, he proved that if weak electromagnetic waves with specific parameters are applied to humans or parasites, resonance can be used to enhance the potential of the body's cells or weaken the potential of pathogenic cells, including their death. This gave rise to a promising direction in medicine - bioresonance therapy (BRT).

The method of bioresonance therapy has opened up the possibility of effectively combating burdens for people. While ordinary diseases could still be treated somehow, parasites, viruses, bacteria, and fungi have become a real threat to humanity. Few people know that there are several thousand species of living organisms, both single-celled and multicellular (round and flatworms, bacteria, fungi, protozoa, etc.) on Earth, for which the only way of existence has become parasitizing on various organs and tissues of our body. The situation is worsened by the fact that detecting many parasites using traditional diagnostics is impossible, as they have adapted to unnoticed living in our body for thousands of years. In addition, official statistics report that up to 97% of us are constant hosts for them.

## 1. PHYSICAL AND BIOLOGICAL BASIS OF RESONANCE THERAPY

BRT is a therapy that uses external signals with which individual microorganisms or their systems resonate. BRT allows for the effective elimination of various types of pathogenic vibrations in all stages of the process without harm to the human body. The main sources of electrical and electromagnetic signals in the human body are muscle activity (e.g. rhythmic contractions of the heart muscle), bioelectric activity (the transmission of electrical impulses from the sensory organs to the brain and signals from the brain to the executive organs), and metabolic activity of organs and systems (metabolism in the body). In many microorganisms such as protozoa, intestinal parasites, fungi, bacteria, and viruses, there is no nervous or muscular system, so the source of electrical and electromagnetic fields is metabolic activity.

Each form of life has its unique frequency spectrum, meaning that each microorganism and macroorganism has its specific range of vibrations that characterize the specificity of metabolic processes and the nature of chemical compounds in the macromolecules of pathogenic factors. From the point of view of biophysics, metabolism is the combination and breakdown, the formation of new and breakdown of previous compounds - in other words, what distinguishes living matter from non-living matter. This process involves charged particles - ions, polarized molecules, and dipoles in water. The movement of any charged particle creates a magnetic field around it, and the accumulation of charged particles creates an electric potential with a specific sign. These premises allow for an approach to healing humans from a physical, rather than chemical (medicinal) perspective, in the traditional sense.

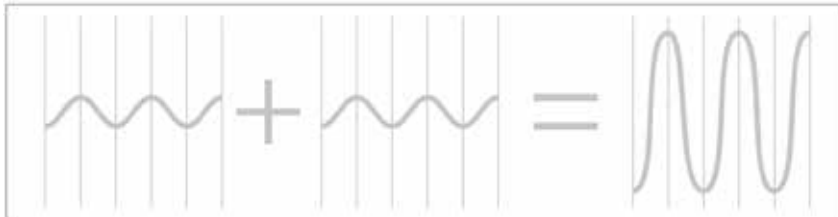


The metabolic processes in the infectious agent produce electromagnetic vibrations with a frequency that depends on the intensity and nature of the metabolic process.

In the case of cells of the same species with identical structure, the frequency of vibrations will also be identical.

After many years of research, scientists have discovered that every living organism (including microorganisms) emits electromagnetic waves. Each living being emits electromagnetic fields in a specific range of frequencies. Thanks to this, we are able to recognize and deactivate any type of pathogen, as each pathogen has its own unique frequency range. Currently, frequencies of over 150,000 species of parasitic organisms have been registered.

The principle of biorezonance is used both in diagnosis and therapy: the electromagnetic field of a pathogenic factor interacts with the human body, and if the factor is present, a resonant response or signal amplification occurs. At the same time, the indicators in biologically active points or zones change, which can be examined during diagnosis. The same principle of interaction underlies the resonant frequency therapy method. During the interaction of an active component with a specific frequency with the chemical compounds in the macromolecules of the pathogenic factors, the vibrations are strongly intensified, causing chemical bonds to be destroyed, and the infectious agents die.



*The amplitude of the signal increases many times over*

To suppress the activity of certain pathogenic factors, it is not necessary to administer antibiotics, antiparasitic or antifungal drugs, which are potentially harmful to the body, as a method of pharmacological therapy. By understanding the frequency of metabolic activity of specific pathogenic factors, one can influence them using frequency oscillations that disrupt their natural rhythms and thereby suppress their normal activity.

In figurative terms, the goal of this therapy is to deactivate specific pathogenic factors such as fungi, viruses, bacteria, protozoa, and helminths that have entered the body by transforming their specific frequencies, and to ensure the expulsion of toxins from the body after their death, without harming the body itself, through the use of dynamic frequency interactions with the chemical bonds in the macromolecules of the pathogenic factors.

The basis of frequency therapy lies in the principle of irregularly interacting with various forms of pathogenic factors through electromagnetic vibrations with a specific frequency, shape, and amplitude.

Frequency therapy is an effective and safe method of removing and preventing many infectious diseases. It significantly reduces or completely eliminates the need for pharmacological therapy.

Under the influence of frequency therapy, the enzymatic systems of pathogenic microorganisms and cellular respiration processes are blocked, leading to metabolic disturbances in these organisms, reducing their pathogenicity and toxicity. Due to the decreased activity of biochemical processes in microorganisms, all life processes are disrupted, making them an easy target for the immune system, as they can no longer produce a range of toxins and enzymes. All of these changes ultimately lead to the death of the pathogenic factor. However, after the death of the pathogens, a significant amount of microorganism fragments and endotoxins enter the blood and lymph, causing poisoning with characteristic symptoms such as headaches, nausea, muscle and joint pain, dizziness, skin rashes, weakness, and drowsiness. The more pathogens there were

in the patient's body, the more intense their life processes and the treatment process, the stronger the intoxication and the stronger the symptoms mentioned.

Electronic control of the frequency and amplitude selection process of the therapeutic impulse allows for maximum precision and accuracy in selecting the therapy scheme, eliminating the possibility of error as often occurs in cases of manual (mechanical) control of the frequency selection and shaping of therapeutic interaction.

The ability to adjust the signal amplitude depending on the type of electrodes or individual characteristics of the patient's body allows for achieving maximum therapeutic effect without unpleasant subjective sensations and conducting a comprehensive therapy for a wide range of pathological conditions. The gradual, scanning dynamic interaction with frequencies covering most of the existing therapeutic frequencies allows avoiding so-called „dead zones” of interaction, i.e., sections of the spectrum where interaction does not occur.

The high quality of leading global manufacturer components, the presence of quartz frequency stabilization, ensures a high degree of stability and accuracy of the generated signal (up to 0.001 Hz), guaranteeing effective and safe operation of the device throughout its service life when used according to the usage instructions.

For the convenience of the user, the device is equipped with a voice prompt function that accompanies each stage of operation from the moment of turning on the device, with the ability to adjust the volume of the prompts. The simplicity and convenience of operating the device allows for quickly and easily mastering the skills required to operate it without additional effort.

**During a standard frequency therapy session, the immune defenses of the pathogenic microorganisms are weakened, and the amount of toxins they produce decreases, which helps the body's immune system to recognize and eliminate them on a tissue and cellular level, while allowing the beneficial flora to take its natural niche and displace the pathogenic microflora. Complete elimination of the mentioned factors, as well as a lasting remission in the course of chronic diseases, occurs in more than 80 percent of cases when the therapy method is followed correctly.**

Full restoration of beneficial flora can take varying amounts of time, from a month to two years. This time depends on the condition of the flora itself, the patient's age, life-

style, effectiveness of various systems in their body, dietary habits, and environmental ecology.

The use of frequency therapy can be carried out alongside clinical treatment methods and can also be used for the prevention of a wide range of pathological conditions.

The device allows for conducting non-drug etiological and pathogenetic therapy, prevention, and rehabilitation of a significant number of diseases, pathological conditions, and infectious syndromes in medical centers, doctor's offices, and at home, at all stages of the disease process.

It should be noted that in most cases, the frequency spectrum of a wide range of pathogenic factors is very similar, or even overlaps. Therefore, the therapy of one pathogenic factor leads to the elimination of a whole range of other forms of pathogenic flora.

## 2. INDICATIONS FOR USE

- **nervous system diseases:** Migraine, headache, increased intracranial pressure, nerve pain, sciatica, facial nerve paralysis, autonomic vascular dystonia, insomnia, disturbed sleep and wake cycle, chronic fatigue syndrome,
- **endocrine system diseases:** eating disorders, metabolic disorders, hyperthyroidism, hypothyroidism, diabetes, adrenal dysfunction, sexual dysfunction, obesity, hypothalamic-pituitary dysfunction,
- **mental disorders and behavioral disorders:** depressive and neurotic states, toxic psychosis and neurosis, psychosomatic disorders, lack or loss of libido,
- **cardiovascular diseases:** hypertension, hypotension, myocardial ischemia, autonomic vascular dystonia, consequences of cerebral blood circulation disorders, brain inflammation, varicose veins,

- **respiratory diseases:** runny nose (rhinitis), sinusitis, tonsillitis, pharyngitis, laryngitis, diseases of the vocal cords and larynx, acute respiratory infections, flu, acute and chronic bronchitis, bronchial asthma in remission phase,
- **oral diseases:** periodontal disease, halitosis,
- **stomach and duodenal diseases:** stomach and duodenal ulcers in remission stage, gastric mucosa inflammation, duodenal mucosa inflammation, chronic stomach and intestinal inflammation,
- **liver and bile duct diseases:** dyskinesia of bile ducts, chronic cholecystitis, chronic hepatitis in remission stage, liver cirrhosis (in compensation and subcompensation stage), hepatic steatosis,
- **pancreatic diseases:** chronic pancreatitis in remission stage, disorder of pancreatic enzyme secretion,
- **intestinal diseases:** chronic enteritis of the small and large intestine, irritable bowel syndrome, chronic ulcerative enteritis of the large intestine, postoperative bowel paralysis,
- **skin and subcutaneous tissue diseases:** ulcers, psoriasis, hives, burns and frostbites, erysipelas, inflammations, alopecia areata, herpes,
- **musculoskeletal diseases:** rheumatic and other forms of joint inflammation, joint degeneration, intervertebral disc paralysis, back pain, bone, joint and spine injuries and diseases, slow bone healing, tendon and ligament injuries, inflammation of the skeletal muscles (myositis),
- **urological diseases:** chronic inflammation of the bladder (chronic cystitis), prostatitis, inflammation of the urethra (urethritis), chronic nephritis, urolithiasis,
- **gynecological and andrological diseases:** hypertrophy and adenoma of the prostate, acute and chronic prostatitis, some types of ejaculatory dysfunction and male infertility, menstrual cycle disorders, pathological menopause, inflammation of the fallopian tubes (salpingitis), inflammation of the appendages (adnexitis), uterine fibroids, cervical erosion, secondary female infertility,

- **eye diseases:** acute and chronic conjunctivitis, cataracts, optic neuritis, eye pain,
- **ear and mastoid diseases:** chronic ear inflammation, non-purulent middle ear infection (otitis media), tinnitus, hearing loss, ear pain,
- **cosmetic problems:** decreased skin elasticity and flexibility, skin and hair follicle allergic inflammation and infections of various origins.
- rehabilitation after illnesses, surgeries, and injuries;
- prevention of acute diseases and relapses of chronic diseases;
- prevention and elimination of the body's reactions to stress factors, during intensive mental work, intense physical exertion, chronic fatigue syndrome, and sleep disorders.
- correction of organ function disorders in respiratory, nervous, digestive, hormonal, urinary, sexual, cardiovascular, and musculoskeletal diseases;

Depending on the desired effect, frequency resonance therapy can be used in various diseases and syndromes to support achieving analgesic, antispasmodic, anti-inflammatory, and general regulatory effects.

### **3. CONTRAINDICATIONS TO USE RESONANCE-FREQUENCY SESSION**

The use of all physiotherapy methods requires certain limitations. Compared to other methods, resonance therapy has few contraindications for use.

#### **Absolute contraindications:**

- pregnancy,
- malignant tumors,
- unstable blood pressure and heart rhythm disorders,
- epilepsy,
- electronic devices permanently implanted in the body such as pacemakers, automatic insulin pumps, slow-release drug capsules,



- implants in the body that conduct electrical current. In the case of ferromagnetic implants or heart valve prostheses, experts recommend waiting at least six weeks.
- children under 3 years old.

**Relative contraindications include:**

- benign tumors,
- acute coronary and cerebral circulation disorders,
- blood clotting disorders,
- individual hypersensitivity to electromagnetic exposure,
- skin damage and diseases at the site of electrode contact,
- state of acute mental excitement and alcohol intoxication,
- significant edema and thick adipose tissue that prevent effective current action,
- intrauterine devices,
- arterial diseases, thrombosis - use with the consent of a trained therapist.

After the detection of neoplasms, a full examination and consultation with specialists is necessary. In such cases, bioresonance therapy can be used for detoxification after the completion of the main medical treatment, during the recovery period after surgery.

Relative contraindications also include a state of acute psychological, alcohol or narcotic excitement, as in such a state the patient's behavior is unpredictable and inadequate.

It is also necessary to exclude a state that is clearly assessed as urgent and life-threatening, requiring urgent medical assistance.

**ADDITIONAL REMARKS:**

Do not apply sessions directly above the C3 cervical vertebrae area that includes the head, or on the heart, unless the therapy is performed under the control of a therapist.

Avoid electro sessions on joint surfaces.

Do not use gel electrodes: above the C3 cervical vertebrae, on the head, face, abdominal cavity, areas with thick adipose tissue (adipose tissue blocks current flow), and

overnight. Note: carefully read the description of the session using gel electrodes in the technical manual appendix.

Monitor the course of the procedure in people with sensory disturbances.

The use of frequency generators is possible in the above cases on the explicit statement of the client's will and subject to control by a trained therapist.

#### 4. POSSIBLE COMPLICATIONS AND THEIR PREVENTION

During bioresonance therapy, symptoms of detoxification may occur, which are caused by the rapid death and release of products from the breakdown of disease-causing organisms into the bloodstream. Intoxication has characteristic symptoms: nausea, mild diarrhea, muscle and joint pain, skin rashes, weakness, drowsiness, and exacerbation of the underlying disease symptoms.

**To reduce the detoxification syndrome, increased fluid intake (1-1.5 liters) is recommended: low-mineralized water, filtered water, weak herbal infusions.**

**Abundant drinking involves consuming fluids according to daily physiological needs, physiological and pathological losses.**

**Physiological fluid losses are losses related to physiological secretions, sweating, and respiration. Pathological fluid losses are losses that occur in non-physiological states (vomiting, fever, diarrhea, rapid heartbeat).**

**The daily physiological fluid requirement can be determined based on calculations based on body weight. To calculate the individual daily water requirement, divide body weight in kilograms by 0.45 and multiply by 0.012.**

$$\frac{\text{body weight}}{0,45} \times 0,012 = \text{The amount of daily water demand}$$

e.g.

$$\frac{75 \text{ kg}}{0,45} \times 0,012 = 2 \text{ liters of water / day}$$

Expectations of exacerbation of the underlying disease and/or accompanying conditions can be expected similarly to what happens during homeopathic treatment, which is an indirect confirmation of the correctly chosen therapy.

In all cases of exacerbation, the patient is advised to undergo constant monitoring of the therapy process by a specialist in order to make appropriate adjustments to the ongoing treatment.

**Other complications may be due to:**

- unauthorized changes to the recommendations made by the recommending person by the user,
- alcohol consumption, violation of recommended diet and nutrition habits,
- strong stress, hypothermia leading to a breakdown of the body's adaptive reactions,
- continuous contact with a pathogenic factor at the workplace or at home, direct contact with carriers,
- infections, for example sexually transmitted diseases, viral and bacterial infections (staphylococcus, streptococcus), fungal infections (fungal infection transmitted through droplets or direct contact).

## **5. GENERAL METHODOLOGY**

### **FREQUENCY THERAPY**

**When conducting therapy, the following recommendations must be strictly observed:**

- Drink as much clean, non-carbonated, low-mineral water as possible (up to two liters per day).
- Take sorbents to accelerate the detoxification process. Activated charcoal is recommended as a sorbent, with a dose of one tablet per 10 kilograms of body weight.
- Follow the principles of separate nutrition or the recommended diet for your condition. For example, in the case of Candidiasis, it is necessary to exclude flour products and sweets, as well as to consume silicon, vitamin C, and flaxseed.
- Avoid alcohol, coffee, spicy and fried foods (light diet).

- Mitigate chronic infection foci (gargling and nasal flushing with antiseptic solutions, irrigation, biliary drainage).
- It is recommended to take products containing beneficial microflora or its spores, as well as dairy products with high levels of bacteria, twice a day.
- It is recommended to take a shower twice a day to remove toxins and metabolites from the skin surface.
- It is recommended to use choloretic preparations or herbal teas, diuretic phytopreparations or herbal sets (cranberry leaves, corn stigmas, dandelion, centaury, field horsetail, parsley root, barberry, lily of the valley, knotweed, birch, clove horsetail, and cowslip).

**The above recommendations also help to reduce intoxication.**

## **6. RECOMMENDATIONS AND CHRONOBIOLOGY OF RESONANCE THERAPY**

The sessions should be performed at the same time of day with a tolerance of up to two hours. In the case of acute processes, it is recommended to conduct sessions two times a day.

Supporting the therapy of viral diseases caused by the herpes virus group, hepatitis, papillomavirus, should be conducted every day (in cases of high pathogenicity, twice a day) without breaks between cycles, under the control of laboratory methods of examination and the Voll or Vegatest method until complete elimination of the pathogenic factor and regression of symptoms. In the case of diseases with complications, it is necessary to follow the course of treatment and combine it with drug therapy.

The use of magnetic induction in the early stages of the disease, when the disturbances in the body are minimal, usually produces a significant effect in the first days of therapy.

In cases of acute and chronic disease, the effect is achieved with exposure to the course on average within 10-14 days.

Each frequency package in the device contains a set of resonant frequencies with targeted action, promoting the elimination of a specific pathogenic factor, taking into account all stages of its development. The more precise the selection of frequencies

and their direction, the faster the expected beneficial effect and the less time needed for the therapy of the pathological condition. A very important aspect of therapy with active bioresonance methods is the shape of the output signal, its stability, and the absence of „dead zones”, which prevents the pathogenic factor from escaping the influence of electromagnetic impulses. It is also essential that to effectively and safely treat a range of pathogenic factors, it is necessary to act on all stages of the pathogen’s development, as well as its toxins to accelerate the detoxification process.

### ATTENTION!

It should be noted that after the infectious agents are killed by resonant frequencies, a significant amount of enzymes and endotoxins from the microorganisms enter the interstitial fluid, blood, and lymph, which can worsen the symptoms of the patient. These symptoms may include nausea, muscle and joint pain, dizziness, rash, fatigue, drowsiness, and exacerbation of the underlying disease.

The more pathogenic factors were present in the patient’s body, the more intense their activity, and therefore the treatment process, and the worse the functioning of their own detoxification systems (liver, kidneys, intestines, skin), the stronger the toxicity will be and the more noticeable the symptoms mentioned.

The ultimate elimination of pathogenic factors from the body is the result of the immune system’s activity. Therefore, in the context of a suppressed immune system response, the action of all agents will be ineffective, and a long-term therapy will be necessary. Bearing this in mind, auxiliary agents - immunomodulators - are used to correct the immune system’s state. Immunomodulators are preparations that, when taken at therapeutic doses, restore the immune system’s function (effective immune defense).

If you’re interested in increasing effectiveness, consider using the „11th harmonic”. To learn more, watch Anthony Holland’s lecture titled „Destroying Cancer with Resonant Frequencies” on TEDx. [https://www.youtube.com/watch?v=1w0\\_kazbb\\_U&t=8s](https://www.youtube.com/watch?v=1w0_kazbb_U&t=8s) Settings for the 11th harmonic are available in Life Commander 4.



# III. OVERVIEW

## LIVING MICROORGANISMS IN THE HUMAN BODY

### 1. PROTOZOA

PROTOZOA AND DISEASES CAUSED BY THEM	PORTALS OF INFECTION	LOCATION OF PROTOZOA IN ORGANISM	OCCURRENCE
Entamoeba histolytica (dysentery)	Feces - soil, water, food, dirty hands - mouth	Large intestine, sometimes internal organs	Common, usually in the south, can be brought from tropical countries
Free amoebas (nagleriosis, hartmanella, acanthamoebiasis, meningitis)	Water, dirty hands - nasal cavity, nasopharynx	Nasopharynx, brain, spinal canal	Little data
Babesia (babesiosis)	Ticks, through bite - skin	Erythrocytes	Among cattle in Europe
Balantidium coli	Feces - water, food, vegetables, dirty hands - mouth	Large intestine	Common, mostly in the south
Coccidia (coccidiosis)	Feces - water, food, vegetables, dirty hands - mouth	Large intestine	Common, mostly in the south
Cryptosporidium (cryptosporidiosis)	Animals, feces, food, water, dirty hands - mouth	Digestive system	Little data
Leishmania (leishmaniasis)	Mosquito (through bite) - skin	Skin, lymph nodes, bone marrow, liver, spleen	Central Asia, Transcaucasia, South Kazakhstan
Giardia lamblia (giardiasis)	Feces - soil, water, vegetables, dirty hands - mouth	Upper segment of the small intestine, bile ducts	Common

PROTOZOA AND DISEASES CAUSED BY THEM	PORTALS OF INFECTION	LOCATION OF PROTOZOA IN ORGANISM	OCCURRENCE
Plasmodium malariae (malaria)	1. Anopheles maculipennis (through bites) - capillaries 2. Donor blood - blood vessels	Liver, erythrocyte	Individual centers in the south, brought from tropical countries
Pneumocystis (pneumonia)	Drops of bronchial mucous in the air, phlegm - respiratory tract	Respiratory system	Common
Sarcocystis	1. Raw meat - mouth 2. Feces (of rodents) - water, soil, vegetables, hands - mouth	Mucous membrane of small intestine, sometimes muscles	Not thoroughly examined
Toxoplasma (toxoplasmosis)	1. Cat faeces - dirty hands - mouth 2. Raw meat - mouth 3. Intra-womb	All tissues, most often brain, eyes, lymph nodes	Common
Trypanosoma (African trypanosomiasis)	1. Tsetse fly (through bites) - capillaries 2. Donor blood, syringes - blood vessels	Skin, bloodstream, lymphatic system, internal organs, most often brain	Only brought from other countries
Trypanosoma (American trypanosomiasis)	1. Dipetalogaster maximus (through bites) - capillaries 2. Intra-womb	Skin, bloodstream, internal organs, most often heart	Only brought from other countries
Trichomonas (trichomoniasis)	Vessels - direct contact - mouth	Mouth cavity	Common
Trichomonas hominis	Faeces - dirty hands - mouth	Large intestine	Common
Trichomonas vaginalis (trichomoniasis)	Secretion from genitals (during intercourse)	Urinary system	Common

## 2. FLUKES

FLUKES AND DISEASES CAUSED BY THEM	PORTALS OF INFECTION	LOCATION OF FLUKES IN ORGANISM	OCCURRENCE
Fluke (distomatosis)	Faeces - molluscs - ants - mouth	Liver	Common, especially in the South
<i>Clonorchis sinensis</i> (oriental liver fluke)	Faeces - molluscs - raw fish and crabs - mouth	Liver bile ducts, gall bladder, pancreas	Far East
<i>Metagonimus yokagawai</i> (metagonimiasis)	Faeces - molluscs - raw fish - mouth	Small intestine	Basin of Amur River
<i>Opistorchis</i> (opisthorchiasis) <i>opisthorchis viverrini</i>	Faeces - molluscs - raw fish - mouth	Liver bile ducts, gall bladder, pancreas	West Siberia, Kazakstan, Europe
<i>Paragonimus</i> (paragonimiasis)	Faeces - molluscs raw fish and crayfish mouth	Bronchi	Far East
Sheep liver fluke (fascioliasis)	Faeces - molluscs - water - seaweed - mouth	Liver bile ducts, gall bladder	Central Asia, Kazakstan, Transcaucasia
Blood fluke (urogenital schistosomiasis)	Urine - molluscs - water - skin	Blood vessels of the urinary bladder	Most often brought from other countries
<i>Schistosoma mansoni</i> (intestinal schistosomiasis)	Feces - molluscs - water - skin	Veins of colon and abdominal cavity	Most often brought from other countries
Chinese liver fluke (schistosomiasis)	Feces - molluscs - water - skin	Veins of colon and abdominal cavity	Most often brought from other countries



### 3. TAPEWORMS (TAENIASIS)

TAPEWORMS AND DISEASES CAUSED BY THEM	PORTALS OF INFECTION	LOCATION OF TAPEWORMS IN ORGANISM	OCCURRENCE
Broad fish tapeworm (diphyllobothriasis)	Faeces - cyclops - fish - mouth	Small intestine	Northern and central Russia, Baltic Sea countries
Unarmed tapeworm (taeniasis)	Faeces - half-cooked beef - tartar steak - mouth	Small intestine	Common, especially around animal farms
Dwarf mouse tapeworm (hymenolepiasis)	Faeces - mealworm and other pests feeding on grain and flour - flour and farinaceous foods - mouth	Small intestine	Common
Dipylidium caninum (dipylidosis)	Faeces - flea larvae - mouth	Small intestine	Common
Armed tapeworm (taeniasis)	Faeces - half-cooked pork, ground meat - mouth	Small intestine	Common, especially around pig farms
Hydatid tapeworm	Faeces - dirty hands - mouth	Internal organs	Common, especially around pig farms

### 4. NEMATODES (ROUNDWORMS)

NEMATODES (ROUNDWORMS)	PORTALS OF INFECTION	LOCATION OF NEMATODES IN ORGANISM	OCCURRENCE
Human roundworm (ascariasis)	Feces - soil - hands, vegetables, fruit - mouth	Small intestine	Baltic Sea countries, Southern and Central Europe, less often - Central Asia
Whipworm (trichuriasis)	Feces - soil - hands, vegetables, fruit - mouth	Large intestine (appendix)	Baltic Sea countries, Southern and Central Europe, less often - Central Asia
Hookworm (ankylostomiasis)	Faeces - soil - vegetables - mouth (less often feces - soil - skin)	Duodenum and upper segment of the small intestine	Central Asia

NEMATODES (ROUNDWORMS)	PORTALS OF INFECTION	LOCATION OF NEMATODES IN ORGANISM	OCCURRENCE
Necator	Faeces - soil - skin	Duodenum and upper segment of the small intestine	Transcaucasia
Pinworm (oxyuriasis)	Faeces - skin - dirty hands, toys, underwear - mouth	Large intestine	Common
Strongyle (strongyloidiasis)	Faeces - soil - skin	Upper segment of the small intestine	Common, most often in warm and humid climate
Gastrointestinal nematodes	Feces - soil - water, greens, hands - mouth	Duodenum	Around animal farms
Trichina (trichinosis)	Contaminated meat - mouth	Spinal muscles	Common

# IV. THERAPIES

## SUPPORTING DEHELMINTISATION SESSIONS

### 1. SCHUMANN RESONANCES

Schumann resonances are standing electromagnetic waves with ultra-low frequencies. They propagate between the surface of the Earth and its ionosphere. The ionosphere is the upper, rarefied layer of the atmosphere, extending from 85 km to 1,000 km above the surface of the Earth. It contains a significant amount of free electrons and ions formed as a result of the ionization of atmospheric gases. Ions group into layers with a predominance of one type of ion (positive or negative). For humans, the „E-layer“ is particularly important - at a height of 100-120 km, with a predominance of positive ions, and the „F-layer“ - at a height above 200 km, with a predominance of negative ions. These layers have the ability to reflect radio waves, especially short ones. They thus enable long-range radio communication with multiple reflections of waves. The temperature in the ionosphere increases from -80°C (in its lower layers) to about 1000°C. Therefore, it is also called the thermosphere.

There are several types of standing waves that can be identified. Some are permanent, while others are less stable and quickly dissipate. The Earth's biosphere, along with human life, has developed and exists under relatively stable conditions of electromagnetic waves and ionizing radiation. The main source of the natural electromagnetic background on Earth is atmospheric phenomena (storms, lightning, ball lightning) and radio waves from the Sun and stars.

It is known that about 2/3 of the Earth's surface is covered by saltwater that has electrical conductivity properties. The remaining surface of the Earth contains groundwater with lower but still significant electrical conductivity. At an altitude of 100 km in the atmosphere, the ionosphere begins, which contains free electrons and conducts electric current.

In this way, everything that lives on planet Earth is inextricably linked. The presence of these connections has long been accepted even by the most ardent skeptics, and the nature of this unique phenomenon was described in his research by the talented German scientist Schumann. Conducting research on the electromagnetic field between

the surface of the Earth and the ionosphere, Schumann confirmed the existence of natural resonance during his experiments. The frequencies of this resonance correspond to „standing waves,” and the length of the waves is close to the circumference of the Earth.

The theoretical frequency of the first resonant wave is 8.5 Hz, as calculated by Schumann. In reality, this frequency still fluctuates between 7.6 - 8.4 Hz. To provide a more specific value, the average is calculated and given as 7.83 Hz or 8 Hz.

There are also waves that are multiples of the Schumann resonance with frequencies such as 8-14-20-26-(32) Hz. At higher frequencies, the resonance becomes almost imperceptible.

These electromagnetic waves are generated by atmospheric electrical discharges (lightning) and magnetic processes on the Sun and Earth (solar wind), as well as other factors. These electromagnetic waves circulate exclusively between the Earth's surface and the upper ionospheric layer. Schumann resonances are believed to be essential for the synchronization of biological rhythms and the proper functioning of all living things on Earth. The absence of these waves in nature can cause headaches, disorientation in space, nausea, dizziness, stress, and other disturbances in healthy individuals. In older and sick individuals, the lack of Schumann waves can cause the same symptoms but to an even greater extent, as well as a state of depression and general malaise.

Special interest in Schumann waves research has been aroused in astronautics. When astronauts went beyond the limits of the Earth's ionosphere, they felt the absence of Schumann waves. Their memory began to function worse, they were disoriented, and stress began to affect them. Schumann wave emitters were immediately installed on all space stations to address these issues.

**Currently, all NASA employees use Schumann wave generators to ensure the sustained ability to work for the entire staff.**

**Scientists studying brain activity have determined that it has specific rhythms and a limited range of electromagnetic waves within which it can function. Here are the brain rhythms:**

0,5-3,5 Hz – delta rhythm, deep sleep.

4-7 Hz – theta rhythm, ordinary sleep.

7,5-13,5 Hz – alpha rhythm, relaxation, state of ecstasy.

14-30 Hz – beta rhythm, activity, normal daily brain activity.

30-40 Hz – gamma rhythm, increased activity, fast logical thinking, solving tasks in difficult conditions and under time pressure.

A causal relationship can be observed between brain activity and Schumann waves. Schumann resonances are primary, as they appeared on Earth before humans. Brain electromagnetic waves are secondary, appearing at the moment of brain formation, not only in humans but also in other animals. Nature is rational and utilizes everything it has created. Let's put ourselves in nature's place. The question arises of how to create a system that educates itself based on water. Water is a weak electrolyte. If it is divided by membranes and different chemical compounds are dissolved in it, an electrolyte (positive and negative) is created. To make the ions move, low-frequency electromagnetic waves are required - a kind of „eternal engine” utilizing the energy of the cosmos - the Sun, Earth, Moon. Out of all the cosmic energy diversity, Schumann resonances and Earth electromagnetic waves are best suited for this purpose in terrestrial conditions, due to their low frequency of oscillation, they are suitable for use as an „ion engine” in water, which is the basis of life on Earth. Based on this concept, the process of life development on the planet began. The human and animal brain is still recharging with cosmic energy. Electromagnetic waves set the ions in the cerebrospinal fluid in motion. Without these waves or their weak interaction, we cannot force the ions to move in the cells of the spinal cord for a long time. That is why we feel uncomfortable, begin to feel unwell, experience various disorders and lose access to the information contained in the brain.

Usually in literature, emphasis is placed on the fact that the body is tuned to the frequency of 8Hz or 7.83Hz - the averaged resonant frequency of the first Schumann wave. This is explained by the fact that by tuning into this frequency, the body automatically obtains energy from the cosmos, leading to a better feeling. But how does this work? A body with the ability to sense Schumann frequencies feels much better than a body that lacks this ability. A body that cannot tune in to Schumann frequencies will discharge its energy reserves in brain neurons and will be forced to derive energy from a greater amount of food, which can lead to obesity.

Schumann demonstrated that the Earth and its surrounding layer of air (the ionosphere) form a gigantic spherical resonator. From the point of view of radio technology, these are two spheres placed inside each other, with the space between them limited by conductive

surfaces. In such a resonator, waves of a specific length propagate perfectly. In this case, these are waves resonating at frequencies of 7.8, 14.1, 20.3, and 24.6 Hz, practically overlapping with the frequencies of the alpha and beta brain rhythms. These rhythms are precisely what we call Schumann resonances.

The most important resonant frequency, which was named the „Schumann resonance,“ is close to the alpha rhythm of the human brain. This was noted by the physician Herbert König, who began collaborating with Schumann. Long-term experiments were conducted at the Max Planck Institute in the USA and Germany, resulting in the determination that Schumann resonances are necessary for the synchronization of biological rhythms and proper functioning of all living things on Earth. In the case of humans, the limbic system, which is responsible for vital functions of the body, shows the greatest sensitivity to Schumann frequencies.

In addition to the fact that Schumann frequencies are similar to the frequencies that our brains operate on, these waves change in intensity depending on the intensity of the sun. This intensity increases by 15% during magnetic storms. The amplitude of the waves noticeably decreases at night, which can be explained by low-frequency vibrations escaping into the ionosphere, resulting in a tenfold decrease in amplitude compared to daytime values. The frequency of the waves changes depending on the season and geographic location. For example, the resonant frequency increases in the Northern Hemisphere during the summer, and the most pronounced vibrations occur in areas abundant in storms, such as India, Africa, Indonesia, and South America.

It is known that people susceptible to stress, especially those living in areas with low Schumann wave activity, require a Schumann frequency emitter. In addition, older and chronically ill individuals are particularly sensitive to their absence. Currently, the electromagnetic background of the planet, as a result of human activity, has lost its original state and is polluted to such an extent that the body no longer senses Schumann waves. Changes in this background are related to the formation of ozone holes and the widespread use of mobile phones, as well as the use of electricity for industrial and household purposes.

# V. PROGRAM ARCHITECTURE

„**Main session**” – this is the transmission of specific frequencies with a defined form and amplitude, whose directed action corresponds to the name of the program.

„**Additional session**” – programs recommended for main therapy.

„**Location of gel electrodes for the main and additional sessions:**” - for this session it is recommended to connect adhesive gel electrodes according to the location zones

„**Prevention session**” – typically performed in the case of infectious diseases, if a person has had contact with a sick person.

„**Complementary programs**” – programs are created according to symptoms and comorbidities.

„**Repeating the course of the session**” - it is carried out if necessary or in order to reduce the likelihood of exacerbations of chronic diseases.

Device components:	
Contact:	Non-contact:
1. <b>Metal electrodes</b> (hand, foot, ear) - standard connection scheme - right and left hand or ear.	3. <b>Induction loop or built-in inductor.</b> (increases bioresonance efficiency must be used for programs in the PEMF section)
2. <b>Gel electrodes</b> (self-adhesive applied topically to a specific zone). See ZONE LOCATIONS for gel electrodes.	4. <b>Induction mat</b> - works stronger than internal inductor and induction loop.

# VI. USE OF ELECTRODES IN FREQUENCY THERAPY

When choosing a type of session, remember the physics of electrical current, namely that it always flows through the shortest path, and that the conventional direction of the current is from plus to minus. Also, remember that the lack of connection between the hand or foot electrode and the skin may be due to insufficient skin moisture. This is an individual characteristic.

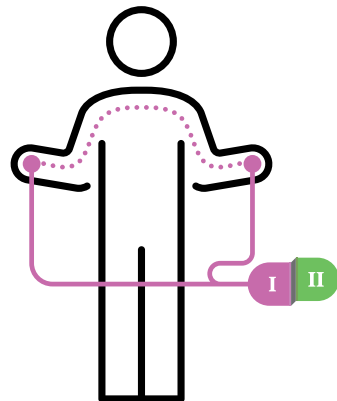
Choose the electrode connection that is most beneficial in each case. Also, remember that everyone has a different sensitivity threshold, so to ensure maximum frequency signal results and maintain comfort during the session, first check your threshold by using different electric field values.

## THE USE OF ELECTRODES IN THE BASIC VERSION (OPTION FOR BEGINNERS).

In this version, we can use hand electrodes or alternatively: ear or gel electrodes (if we consider using gel electrodes, we should place them in such a way that they are on both sides of the area to be treated, and in the case of an organ, we place one electrode in front and the other at the back (on the back) at the level of the organ undergoing therapy.

When using gel or ear electrodes, remember to select the „gel electrodes” option in the device menu and adjust the appropriate power (amplitude) of the signal and the session time, as well as the internal or external inductor.

If we have „limited” possibilities, we can conduct a session using only the internal or external inductor.





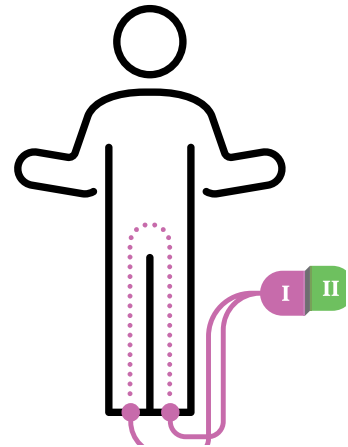
## THE USE OF ELECTRODES IN THE VERSION SUPPLEMENTED WITH FOOT ELECTRODES.

When using „foot” electrodes, we have an additional option for conducting sessions in various ways, including:

### VARIANT NO 1

We connect the foot electrodes to the cable connected to socket no. 1 and we can simultaneously use the internal or external inductor. When using foot electrodes, it should be remembered that the skin on the feet is thicker than on the hands, and thus has a greater electrical resistance. Therefore, you can additionally moisten the feet to improve the signal flow parameters.

This type of session is beneficial for some conditions related to the legs or lower part of the body, for example in gynecology, urology, gastroenterology, or other selected problems involving these areas through which the electric signal flows.

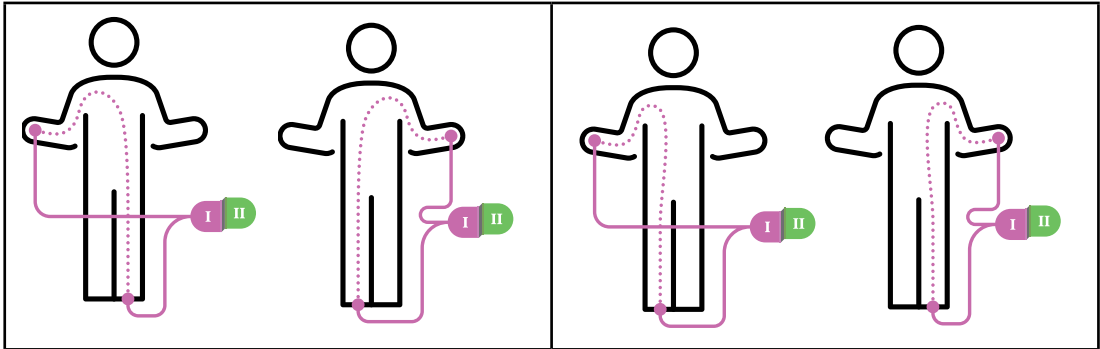


### VARIANT NO 2

To the wire with the letter ‚R’, we attach the foot electrode, and to the wire with the letter ‚L’, we attach the hand electrode. In this option, the following possibilities for electrode connection are available:

a. Diagonally, i.e. left leg right arm or right leg left arm.

b. parallel, left leg left hand or right leg right hand



This option allows us to fully utilize frequency therapy in those areas and/or organs for which the signal shown in Figures 6 and 7 passes, relating to one of the legs and arms and part of the human torso, such as the liver, right or left kidney, pancreas, spleen, stomach, etc.

### VARIANT NO 3

Instead of hand or foot electrodes, we connect ear electrodes to the lead.

This gives us the opportunity to conduct more effective sessions for specific or chosen issues related to the neck and head area of the human body, for example.

- endocrinological
- dermatological
- neurological
- ophthalmological
- otolaryngological
- psychiatric/psychological
- dental

Also for pain relief, rehabilitation, and addiction treatment.

Regardless of the chosen variant, we can always use one of the inductors: internal or external.

## THE USE OF ELECTRODES IN THE FULL VERSION WITH THE USE OF LIFE COMMANDER (ADVANCED OPTION).

Additional options arise when using the Life Commander program to develop therapeutic sessions using two generators 1 and 2.

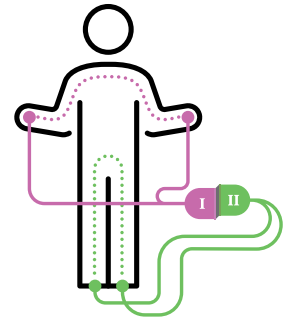
This allows for the possibility of reducing the time of individual sessions by up to half or introducing sessions that require the use of two different frequencies simultaneously. It is also possible to conduct two different sessions simultaneously, such as a targeted and detoxifying session, etc.

Of course, the decision to use any of these options must have a substantive justification and not conflict with the user's health and well-being, which is of the utmost importance.

In such a configuration, in addition to one of the two inductors, the following solutions are available:

### VARIANT NO 4

Hand electrodes connected to generator no. 1, foot electrodes to generator no. 2

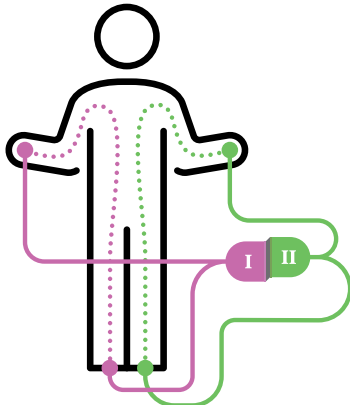
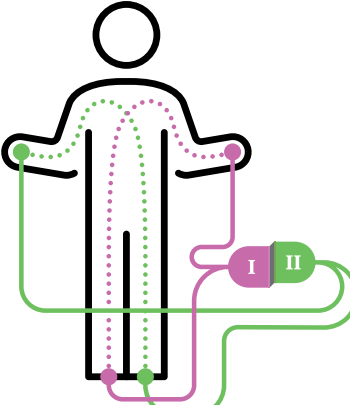


### VARIANT NO 5

When connecting foot electrodes to each of the wires labeled „R” and hand electrodes to each of the wires labeled „L,” we have two sets of electrode wires.

This electrode configuration is significant because the frequency signal has a specific direction that we can change programmatically or apply alternating polarization if appropriate.

Below are further options for using the device and electrodes.

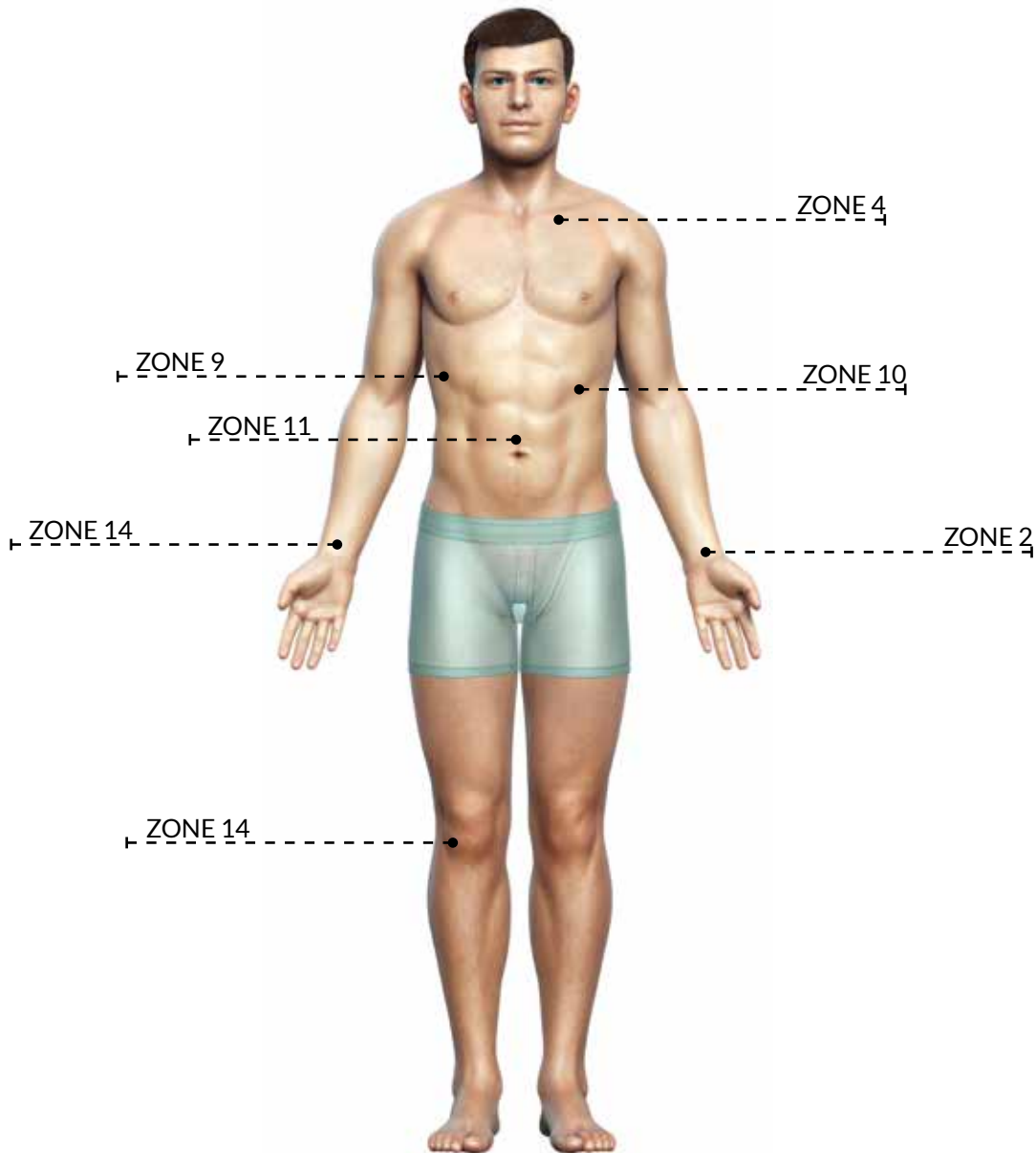
<p>a. In a parallel system::</p> <ul style="list-style-type: none"><li>- Generator no. 1: Nozzle electrode to the left leg, hand electrode to the left arm;</li><li>- Generator no. 2: Nozzle electrode to the right leg, hand electrode to the right arm.</li></ul>	<p>b. In the diagonal system:</p> <ul style="list-style-type: none"><li>- Set no. 1: foot electrode on the left leg, and hand electrode on the right hand;</li><li>- Set no. 2: foot electrode on the right leg, and hand electrode on the left hand.</li></ul>
	

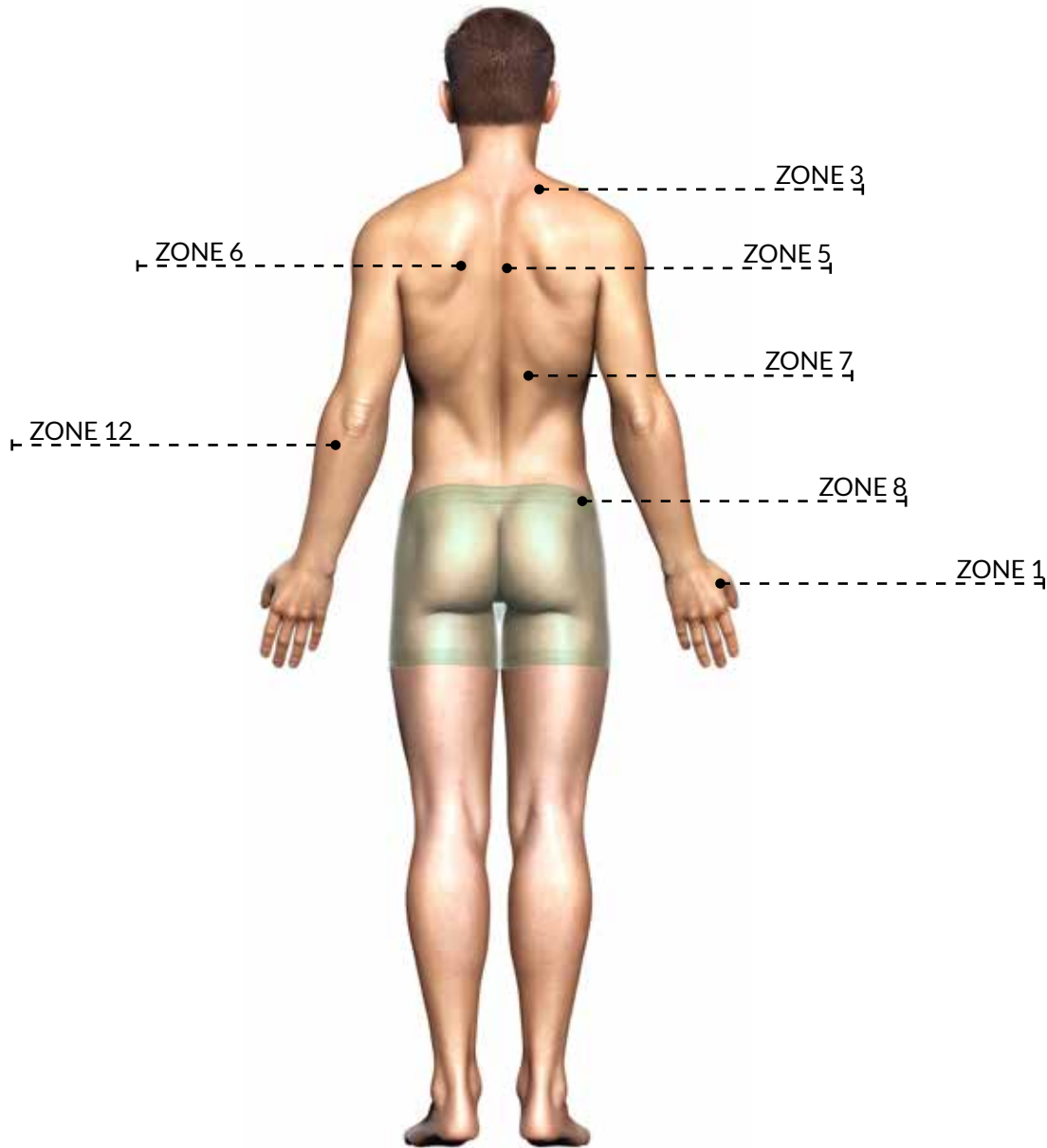
The above-presented device usage options provide the user and therapist with an effective utilization of frequency signals and incredible possibilities in conducting sessions and supporting a faster return to health.

In Figures 1 to 5, the course of frequency signals from generators 1 and 2 for the human body is visually shown, which helps in the practical selection of the most effective (appropriate) option.

## **VII. LOCATIONS FOR GEL ELECTRODES**

# 38 LOCATIONS for gel electrodes





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# ZONE 1

Right-left hand

Used in case of the following symptoms:

---



- Allergic diseases
- Immunologic diseases
- Blood disorders, Hyperthermia
- Dizziness
- Spine pain
- Chronic rhinitis
- Sinus inflammation (Sinusitis)
- Sinus inflammation (Sinusitis)
- Chronic diseases
- Preventing age-related changes
- Improving general well-being
- Body regeneration (rebuilding)
- Nerve inflammation
- Memory development
- Alzheimer's disease
- Parkinson's disease
- Tremors
- Dementia

The back surface of the hand, in the middle between the first and second fingers.



## ZONE 2

Right-left hand. Wrist area.

Used for the following symptoms:



- Lymphatic drainage
- Poisoning
- Pain - general program
- Psychosomatic pain
- Headache
- Spasms
- Chronic diseases
- Neuromuscular diseases
- Nervous breakdowns
- Depression
- Stress
- Anxiety
- Insomnia
- Fatigue
- Normalization of heart function
- Hypertension
- Autonomic-vascular dystonia (neurosis)
- Gout
- Myocardial infarction
- Hyperthermia
- Dizziness
- Injuries
- Diabetes
- Injuries
- Digestive disorders
- Improving general well-being
- Body regeneration
- Snoring
- Hangover syndrome
- Alcohol addiction
- Smoking tobacco
- Drug addiction
- Dermatological diseases
- Multiple sclerosis.

---

**ZONE 3** On both sides of the spinous process of the seventh cervical vertebra.  
Used in case of the following symptoms:

---



- Respiratory infections (SARS - flu)
- Adenoviral infection
- Tension headache
- Migraine
- Chronic rhinitis
- Sinus inflammation (Sinusitis) - ethmoidal sinuses
- Sinus inflammation (Sinusitis) - maxillary sinuses
- Shoulder pain
- Phantom pain
- Huntington's Chorea
- Tinnitus
- Contusion
- Improving general well-being
- Thyroid diseases
- Thymus diseases balance.

---

## **ZONE 4** Right-left side. Supraclavicular area.

Used in the case of the following symptoms:

---



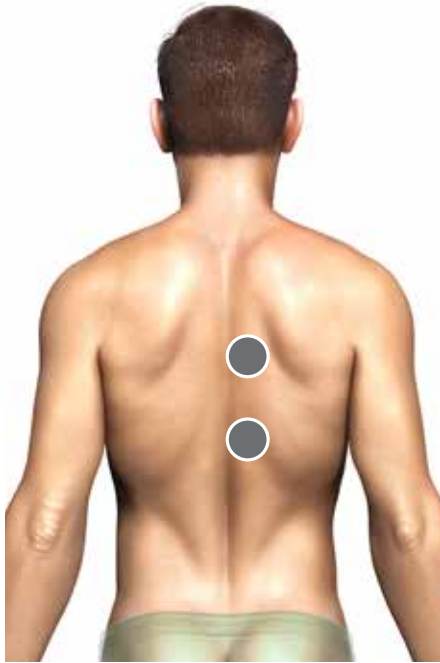
- Respiratory system diseases
- Respiratory tract infections (SARS - Flu)
- Whooping cough (Pertussis)
- Relief of shoulder and shoulder joint pain
- Regeneration of lung tissue
- Improving general well-being
- Inflammation of the lymph nodes
- Lymphatic drainage.

---

## **ZONE 5** Thoracic spine (left or right side - NOT directly on the spine).

Used for the following symptoms:

---



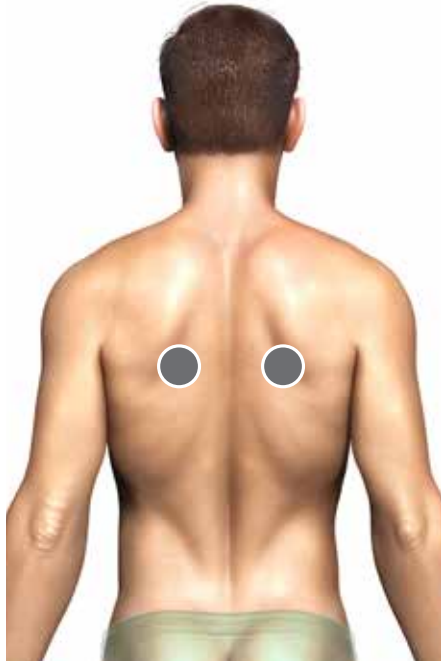
- Back pain
- Muscle tension in the back
- Phantom pain
- Lumbago (sore back)
- Bruising
- Nerve pain
- Inflammation of spinal joints
- Spinal disorders
- Spinal osteochondrosis
- Intervertebral disc herniation
- Shingles (herpes zoster)

---

## **ZONE 6** Shoulder blade area.

Used for the following symptoms:

---



- Normalization of lung function
- General strengthening of the respiratory system
- Bronchial asthma
- Pulmonary tuberculosis
- Regeneration of lung tissue
- Coronavirus disease
- Pneumonia
- Pulmonary fibrosis
- Tracheitis and bronchitis
- Chronic obstructive pulmonary disease (COPD)
- Emphysema.

---

## **ZONE 7** Lower back (lumbar spine)

Used for the following symptoms:

---



- Lumbago (Sore back)
- Sciatica nerve pain
- General paralysis
- Cerebral palsy
- Inflammation of lumbar-sacral roots
- Inflammation of spinal joints
- Spinal diseases
- Osteochondrosis of the spine
- Intervertebral hernia
- Regulation of the female reproductive system
- Gynecological diseases
- Regulation of the male reproductive system
- Prostatitis
- Pyelonephritis
- Glomerulonephritis
- Erectile dysfunction (impotence)
- Normalization of adrenal function
- Cushing's syndrome
- Addison's disease.

---

## **ZONE 8** Hip joint crest.

Used for the following symptoms:

---



- Sciatica
- Paralysis
- Phantom pain
- Bruise
- Bedsores
- Cellulite
- Inguinal hernia
- Testicular infection
- Inflammation of the seminal vesicles
- Inflammation of the uterine appendages (oophoritis)
- Inflammation of the fallopian tubes (salpingitis)
- Polycystic ovaries
- Ovarian cysts.

---

## ZONE 9 Hepatoduodenal region

Used for the following symptoms:

---



Electrodes should be applied carefully in case of the presence of gallstones.”.

- Spasms and pain in the bile duct
- Normalization of liver function
- Hepatitis
- Detoxification
- Normalization of gallbladder function
- Cholecystitis
- Enlarged liver
- Jaundice
- Duodenitis
- Duodenal ulcer
- Lactose intolerance
- Gluten intolerance
- Crohn's disease
- Chronic gastritis type C - reflux gastritis
- Fatty liver disease
- Liver fibrosis
- Gilbert's syndrome
- Hangover syndrome
- Alcohol addiction
- Smoking tobacco
- Drug addiction.



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# ZONE 10

Pancreatic and splenic area

Used for the following symptoms:

---



- Immune system disorders
- Blood disorders
- Toxicities
- Enlargement of the spleen
- Pancreatitis
- Normalization of pancreatic function
- Diabetes.

---

# ZONE 11

The gastrointestinal area.

Used for the following symptoms:

---



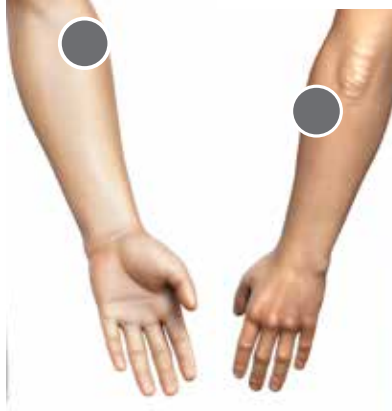
- Normalization of digestive function
- Stomach ulcers
- Chronic bacterial gastritis type B
- Enteritis
- Intestinal colic
- Inflammation of the colon
- Heartburn - gastroesophageal reflux disease (GERD)
- Malabsorption syndrome
- Irritable bowel syndrome
- Crohn's disease
- Anemia due to B12 deficiency
- Gynecological diseases
- Gastrointestinal infections
- Side effects of medication
- Umbilical hernia
- Hiatal hernia
- Cervical polyps
- Colon polyps
- Benign tumors.

---

## **ZONE 12** Right-left arm. Inner side of the elbow joint.

Used for the following symptoms:

---



- Elbow pain
- Shoulder joint pain
- Nerve pain
- Rheumatoid arthritis
- Systemic rheumatoid arthritis
- Limb swelling
- Vascular disorders
- Parkinson's disease
- Tremors
- Psoriasis
- Eczema
- Erysipelas
- Gout
- Rheumatism
- Joint diseases
- Bursitis
- Injuries
- Joint fractures
- Cuts
- Synovitis (inflammation of the synovial membrane)
- Improved joint mobility.

---

## ZONE 13

Right-left leg. Knee joint area.

Used for the following symptoms:

---



On the external or internal sides.

- Knee pain
- Swelling
- Rheumatoid arthritis
- Multisystemic rheumatoid arthritis
- Bedsores
- Eczema
- Erysipelas
- Varicose veins
- Thrombophlebitis
- Rickets
- Tendonitis (pain in the tendons during exertion)
- Joint diseases
- Bursitis
- Osteoarthritis
- Arthritis
- Injuries
- Fractures
- Cuts
- Synovitis (inflammation of the synovial membrane)
- Improvement of joint mobility
- Osteomyelitis
- Osteoporosis
- Polyneuropathy
- Huntington's Chorea
- Multiple sclerosis.

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## **ZONE 14** Placing electrodes on one arm. Area of the forearm. Used for the following symptoms:

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- Snoring
- Improvement of general well-being
- Chronic diseases
- Soothing effect
- Neuromuscular diseases
- Hangover syndrome
- Alcohol addiction
- Smoking tobacco
- Drug addiction
- Psoriasis
- Eczema
- Erysipelas
- Diabetes.

## **VIII. NOSOLOGY**

# ALLERGOLOGY / IMMUNOLOGY

This section contains preventive programs to assist with illnesses caused by allergic reactions and disorders of the immune system. The programs aim to reduce the severity of symptoms, accelerate the healing process, and prevent recurrence or complications.

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot)	3. Induction loop or built-in inductor
2. Gel electrodes (self-adhesive applied topically to a specific zone).	4. Induction mat

## 1. Normalization of the immune system

The program is intended as a part of a therapeutic or preventive approach that is used for stress-related illnesses of the immune system.

**Main session:** 1 x 15 minutes a day; the duration of therapy depends on the underlying disease.

**Location of gel electrodes for the main session:** no. 1 or 10.

## 2. Allergic problems - general program

The program is designed for the prevention and support of therapy for both immediate and delayed allergic reactions. The course of the sessions depends on the severity of the underlying condition.

**Main session:** 1 x 15 minutes a day.

**Location of gel electrodes for the main session:** no. 1.

## 3. Autoimmune Problems - general program

In autoimmune diseases, the body produces antibodies against its own tissues, causing inflammation and destroying them. The therapy for autoimmune diseases is complex and often requires lifelong management. Such diseases include: Rheumatoid arthritis; Autoimmune Thyroiditis; systemic lupus erythematosus; systemic sclerosis; vasculitis; ankylosing spondylitis; Multiple sclerosis; nonspecific ulcerative colitis; Crohn's disease, and others.

The program helps to improve the quality of life of people with autoimmune diseases. It aims to normalize the immune system, prolong the duration of remission, and reduce the frequency of

relapses. The program has no contraindications.

**Main session:** 1 x 15 minutes, every day.

**Additional session:** 1 x 15 minutes *Improving general well-being (617)* (section PEMF).

**Complementary programs:**

- Inflammatory process - general program (593),
- Fatigue - general program (443)
- Detoxification - general program (397)
- Emotional harmony program (581)

## 4. Allergic bronchitis

Allergic bronchitis is a disease caused by an inappropriate reaction of the body to an irritating substance. The main symptoms include profuse sweating, persistent cough, which is more frequent at night, normal or low-grade fever, allergic rhinitis, skin rash, wheezing, chest tightness during exhalation, pink eye (conjunctivitis), and shortness of breath. Therapy should be complex. It is recommended to conduct an examination to identify the cause of the disease development.

**Main session:** 1 x 15 minutes 3 times a day for 2-3 days, later 1 time for 7 days.

**Additional session:** 1 x 15 minutes *Allergic problems - general program (2)* (section Nosology);  
1 x 15 minutes *Asthma-like syndrome (294)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 1.

**Complementary programs:**

- Bronchospasm (299)
- Cramps (spasm) - general program (393)
- Improvement of breathing function(305)
- Lung detoxification (396)
- Itchy skin (421)
- Allergic rhinitis (7)
- Inflammatory process - general program (593)
- Pet fur allergy (8)

## 5. Allergic dermatitis - urticaria

Urticaria is characterized by the appearance of a rash (blisters) and skin swelling, often accompanied by intense itching. Depending on the duration of symptoms, acute urticaria (less than 6 weeks) and chronic urticaria (more than 6 weeks) are distinguished. Acute urticaria can appear suddenly, within a few minutes or hours; rapid disappearance of lesions is characteristic. In the case of chronic urticaria, the rash may appear daily or periodically (for example, once a week or



once a month). It is necessary to pay attention to accompanying diseases such as nervous disorders, helminthiasis, and digestive system disorders.

**Main session:** in acute conditions - 1 x 15 minutes, every 2 hours during the day; then 1 x 15 minutes 2 times a day for 2-3 days.

**Additional session:** 1 x 15 minutes *Allergic problems - general program (2)* (section Nosology);  
1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);  
1 x 15 minutes *Itchy skin (421)* (section Symptoms).

**Location of gel electrodes for the main and additional sessions:** no 1.

#### Complementary programs:

- Lymphedema (436)
- Reconstruction of capillaries / capillaries (595)
- Renewal of skin cells (78)

## 6. Allergic conjunctivitis

Allergic conjunctivitis refers to seasonal or chronic eye diseases caused by various allergens affecting the conjunctiva. Depending on the course of the disease, acute and chronic forms of allergic conjunctivitis are distinguished. The acute form occurs upon contact with a particular irritant and manifests quickly, while the chronic form is a long-term inflammatory process of the conjunctiva.

**Main session:** in acute conditions - 1 x 15 minutes, every 3 hours during the day; then 1 x 15 minutes 2 times a day for 3-5 days or until general condition improves.

**Additional session:** 1 x 15 minutes *Allergic problems - general program (2)* (section Nosology);  
1 x 15 minutes *Allergic rhinitis (7)* (section Nosology);  
1 x 15 minutes *Eyes - inflammation (252)* (section Nosology).

#### Complementary programs:

- Pink eye (conjunctivitis) (259)
- Lymphedema (436)
- Edema - general program (437)
- Itchy skin (421)

## 7. Allergic rhinitis

Allergic rhinitis is an inflammatory reaction of the nasal mucosa to the action of an allergen. It can occur seasonally or year-round and is characterized by congestion, itching, and tickling in the nose, excessive mucus production, sneezing, watery eyes, and loss of smell. If left untreated, it can lead to allergic sinusitis, nasal polyps, ear inflammation, nosebleeds, persistent loss of smell, and bronchial asthma.

**Main session:** in acute conditions - 1 x 15 minutes, co 3 hours during the day; later 1 x 15 minutes 2-3 times a day for 4-5 days.

**Additional session:** 1 x 15 minutes *Allergic problems - general program (2)* (section Nosology); 1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);

**Location of gel electrodes for the main and additional sessions:** no 1.

**Complementary programs:**

- Allergic conjunctivitis (6)
- Lymphedema (436)
- The olfactory disorder (429)
- Nasal infections, nasal congestion (243)
- Itchy skin (421)
- Inflammatory process - general program (593)
- Pet fur allergy (8)

## 8. Pet fur allergy

The purpose of the program for animal fur allergies is to reduce the severity of symptoms in case of this allergy. The most common allergy to animals is an allergy to the cat family. Cat allergens are among the most active. Allergy symptoms range from mild to severe, depending on individual sensitivity and level of exposure to allergens. In very sensitive individuals, symptoms of respiratory or rash may occur within a few minutes of touching a cat or dog or being in a home with a pet.

**Main session:** in acute conditions - 1 x 15 minutes, co 2 hours during the day; later 1 x 15 minutes, 2-3 times a day for 2-5 days.

**Additional session:** 1 x 15 minutes *Allergic rhinitis (7)* (section Nosology); 1 x 15 minutes *Lymphedema (436)* (section Symptoms);

**Location of gel electrodes for the main and additional sessions:** no 1.

**Complementary programs:**

- Allergic conjunctivitis (6)
- Itchy skin (421)
- Tachycardia, Tachycardia paroxysmal (175)
- Hypoxia (416)

## 9. Inflammation of the lymph nodes

Inflammation of the lymph nodes is an inflammatory process in the lymph nodes caused by an infectious agent. In adults, diseases are caused by toxins produced by streptococci and staphylococci. In children, inflammation is more commonly associated with ENT diseases (angina, otitis

media), childhood infections (mumps, scarlet fever), and skin pathologies. The main symptoms of lymph node inflammation are headache, fever, night sweats, loss of appetite, swelling, redness, and pain in the area of the inflamed lymph nodes, and apathy.

**Main session:** 1 x 15 minutes 2 times a day for 7 days.

**Additional session:** 1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);

1 x 15 minutes *Lymphedema (436)* (section Symptoms);

**Location of gel electrodes for the main and additional sessions:** no 4.

**Complementary programs:**

- Acute pain (380)
- Erythema (85)
- Inflammatory process - general program (593)

## 10. Splenomegaly – splenic enlargement

Splenomegaly is almost always a consequence of other diseases. The spleen is the largest structure of the lymphatic system, through which all blood flows and helps the body respond quickly to any negative external influences. Splenomegaly develops after infection with Epstein-Barr virus, cytomegalovirus infection, syphilitic and tuberculous infection, HIV, histoplasmosis, schistosomiasis, and bubonic plague.

**Main session:** 1 x 15 minutes, every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);

1 x 15 minutes *Normalization of erythropoiesis (51)* (section Nosology);

1 x 15 minutes *Normalization of the immune system (1)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 1, 10.

**Complementary programs:**

- Detoxification - general program (397)
- Infectious mononucleosis (138)
- Human Herpesvirus 4 (EBV) (509)
- Human Herpesvirus 5 (CMV) (510)
- Lymphedema (436)
- Normalisation of Lymphatic System Flows (155)
- Acute pain (380)
- Nausea (440)
- Vomiting (439)
- Slow health recovery (604)

**Repeating the course of the session:** after if necessary 3-5 days.

## 11. Thymus - Balance

The thymus is an immune organ that serves as a crossroads between the nervous, endocrine, and immune systems. Thymic atrophy is observed with age: at birth, the thymus weighs 15 g, but in a 40-year-old adult, it weighs no more than 3 g.

Symptoms of thymic dysfunction include prolonged treatment of diseases, complications, enlarged lymph nodes, sudden weight fluctuations, constant low-grade fever (37-37.9 degrees Celsius), shortness of breath, tachycardia, and bradycardia.

The program serves as an aid in the comprehensive treatment of chronic diseases.

**Main session:** 1 x 15 minutes every day for 5-7 days.

**Additional session:** 1 x 15 minutes *Normalization of the immune system (1)* (section Nosology);  
1 x 15 minutes *General regeneration - recovery (596)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 3.

### Complementary programs:

- Normalisation of Lymphatic System Flows (155)
- Exhaustion of the body (423)
- Tachycardia, Tachycardia paroxysmal (175)
- Improving general well-being (617)

# GASTROENTEROLOGY

The programs in this category are used for gastrointestinal disorders and during postoperative rehabilitation. In case of acute abdominal pain or significant exacerbation of existing symptoms, a consultation with a doctor is necessary. It is recommended to combine the use of programs in this category with a dietary regimen.

## 12. Normalization of gastrointestinal function

This program is used for gastrointestinal disorders as a supplement to profile programs to enhance the treatment effect.

**Main session:** 1 x 15 minutes, every day for 10 days.

**Location of gel electrodes for the main session:** no 11.

## 13. Normalizing of gallbladder function

This program is used for normalizing the tone and motility of the biliary tract, as a complement to profile programs in the treatment of digestive system disorders. The program can be used for an extended period of time.

**Main session:** 1 x 15 minutes, every day for 10-14 days.

**Location of gel electrodes for the main session:** no 9.

### Complementary programs:

- Biliary spasm and pain (391)
- Nausea (440)

**Repeating the course of the session:** after if necessary 7 days.

## 14. Normalization of bowel function

The program is used in intestinal disorders as an addition to profile programs to enhance the treatment effect. The program can be used for a long time.

**Main session:** 1 x 15 minutes, every day for 10-14 days.

**Location of gel electrodes for the main session:** no 11.

### Complementary programs:

- Cramps (spasm) – general program (393)
- Stomach ache (368)

**Repeating the course of the session:** after if necessary 5-7 days.

## 15. Normalization of liver function

The program is used for liver diseases and intoxications, as well as for post-acute conditions, as a supplement to profile programs to strengthen the treatment effect.

**Main session:** 1 x 15 minutes, every day for 10-14 days.

**Location of gel electrodes for the main session:** no 9.

### Complementary programs:

- Liver detoxification (398)
- Nausea (440)
- Detoxification - general program (397)

**Repeating the course of the session:** after if necessary 7 days.

## 16. Normalization of pancreatic function

The program is used for pancreatic diseases, digestive disorders, and during the convalescence period after acute pancreatitis as an addition to preventive programs to enhance the treatment effect.

**Main session:** 1 x 15 minutes, every day for 10-14 days.

**Location of gel electrodes for the main session:** no 10.

### Complementary programs:

- Nausea (440)
- Detoxification - general program (397)
- Stomach ache (368)

**Repeating the course of the session:** after if necessary 7 days.

## 17. Duodenal ulcer disease

Duodenal ulcer disease is a chronic, recurrent condition characterized by the appearance of one or more local defects in the duodenal mucosa. Symptoms can be hidden or mild. In children and elderly individuals, the disease is mostly asymptomatic or accompanied by minor symptoms, while in individuals aged 20-50, moderate pain is present, localized under the sternum with radiation to the upper half of the abdomen. Pain attacks often occur at night and after prolonged fasting. Without timely diagnosis and appropriate treatment, the severity of pain symptoms increases, and seasonal relapses with exacerbations in autumn and spring can occur. The program is a complementary method of treatment and should be used in the presence of a precisely established diagnosis.

**Main session:** 1 x 15 minutes every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology);  
1 x 15 minutes *Regeneration of the mucosa (613)* (section PEMF);

**Location of gel electrodes for the main and additional sessions:** no 9.

**Complementary programs:**

- General regeneration - recovery (596)
- Helicobacter Pylori (487)
- Stomach ache (368)
- Acute pain (380)
- Inflammatory process - general program (593)
- Chronic diseases - general program (620)
- Improving the appetite (412)

**Repeating the course of the session:** after 7-10 days.

## 18. Chronic peptic ulcer of the stomach

Chronic ulcerative disease is a recurrent condition with alternating periods of exacerbation and remission, characterized by the formation of ulcers in the stomach wall. Damage to the mucous membrane is caused by hydrochloric acid, pepsin, and bile. The onset of ulcerative disease is usually acute, with the appearance of intense stomach pain in the upper part of the abdomen on the left or in the middle. Stomach ulcer pains have different characters and no clear localization. They can be cutting, aching, dull, or piercing, lasting from several minutes to several hours. Eating can temporarily relieve pain. In addition, the following symptoms are observed: heartburn (preceding pain and may accompany it); nausea and vomiting (leading to fear of eating and weight loss); belching with acidic taste; decreased appetite; rapid satiety; tension; discomfort, and bloating after eating. Other symptoms of stomach ulcers include increased fatigue and emotional instability. During exacerbation, symptoms can last from a few days to several weeks. The program is complementary to other treatment methods and is used to prevent exacerbations. It should be used in the presence of a precisely established diagnosis.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology);  
1 x 15 minutes *Regeneration of the mucosa (613)* (section PEMF);

**Location of gel electrodes for the main and additional sessions:** no 11, 14.

**Complementary programs:**

- Helicobacter Pylori (487)
- Stomach ache (368)
- Acute pain (380)

- Inflammatory process - general program (593)
- General regeneration - recovery (596)
- Heartburn - Reflux (34)
- Chronic diseases - general program (620)
- Improving the appetite (412)

**Repeating the course of the session:** after 7-10 days.

## 19. Chronic gastritis type B - bacterial

Chronic gastritis type B - bacterial is a disease characterized by the occurrence of an inflammatory process in the gastric mucosa, which in case of progression leads to a disturbance of the main organ functions. It results from infection with *Helicobacter pylori* and leads to atrophic changes in the gastric mucosa.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF); 1 x 15 minutes *Helicobacter Pylori (487)* (section INFECTIOUS AGENTS).

**Location of gel electrodes for the main and additional sessions:** no 11, 14.

### Complementary programs:

- Chronic diseases - general program (620)
- Nausea (440)
- Normalization of gastrointestinal function (12)
- Improving general well-being (617)

**Repeating the course of the session:** after 7-10 days.

## 20. Chronic gastritis type C - reflux gastritis

Chronic gastritis type C - reflux gastritis - is a disease that develops as a result of taking certain medications, chemicals, and the reflux of chyme from the duodenum to the stomach. Bile acids, along with pancreatic and gastric enzymes, cause destructive changes in the gastric mucosa.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF); 1 x 15 minutes *Chronic diseases - general program (620)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 9.

### Complementary programs:

- Stomach ache (368)
- Heartburn - Reflux (34)
- Normalization of gastrointestinal function (12)



- Improving general well-being (617)

**Repeating the course of the session:** after 7-10 days.

## 21. Chronic hepatitis

Chronic hepatitis is a chronic inflammatory liver disease lasting more than 6 months. In most cases, the development of this disease is caused by viruses, among other reasons. Its occurrence may also be caused by toxic effects on liver cells - alcohol, various toxic substances, drugs, and sometimes medications. Autoimmune hepatitis - occurs in the context of other immune system diseases or as a result of malfunctions in its function. In the case of this type of hepatitis, the body's own immune system damages liver cells. In some cases, the cause of the disease cannot be determined. It is accompanied by a deterioration of the general condition and symptoms of intoxication. The therapy is complex and lengthy. The program is used as a supplement to the main treatment and during the convalescence period to prevent complications.

**Main session:** 1 x 15 minutes every day for month; with autoimmune hepatitis, the duration of the session increases up to 3 months, every day, 1 once a day.

**Additional session:** 1 x 15 minutes *Liver detoxification (398)* (section Symptoms);

1 x 15 minutes *Normalization of liver function (15)* (section Nosology);

1 x 15 minutes *Chronic diseases - general program (620)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 9.

### Complementary programs:

- Inflammatory process - general program (593)
- Autoimmune Problems - general program (3)
- Normalization of pancreatic function (16)
- Hepatomegaly (22)
- Nausea (440)
- Stomach ache (168)
- Itchy skin (421)
- Jaundice (25)
- Splenomegaly – splenic enlargement (10)
- Improving general well-being (617)

**Repeat the Session Cycle:** after 14 days.

## 22. Hepatomegaly

Hepatomegaly is a condition characterized by an enlargement of the liver. It can be caused by viral and autoimmune hepatitis, mononucleosis, toxic poisoning, drug or alcohol poisoning, alcoholism, liver cirrhosis, and hepatic steatosis. The main symptoms are a feeling of heaviness, pain in the right

upper abdomen, signs of pressure on neighboring organs, and dyspeptic disorders.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Liver detoxification (398)* (section Symptoms);  
1 x 15 minutes *Normalization of liver function (15)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 9.

**Complementary programs:**

- Normalization of gastrointestinal function (12)
- Liver fibrosis (39)
- Normalization of pancreatic function (16)
- Normalizing of gallbladder function (13)
- Improving general well-being (617)

**Repeat the Session Cycle:** after 10 days.

## 23. Duodenitis

Duodenitis is an inflammatory disease of the duodenum, usually affecting the mucous membrane. It is caused by the following factors: toxic food infections, poisoning with toxic substances that irritate the gastrointestinal mucosa, excessive consumption of very spicy foods, usually combined with large amounts of strong alcoholic beverages. Acute duodenitis is characterized by pain in the upper abdomen, nausea, vomiting, and general weakness.

**Main session:** 1 x 15 minutes every day for 5-7 days.

**Additional session:** 1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 9.

**Complementary programs:**

- General digestive disorders (438)
- Regeneration of the mucosa (613)
- Normalization of bowel function (14)
- Inflammatory process - general program (593)
- Malabsorption syndrome (37)

**Repeating the course of the session:** after if necessary 7-10 days.

## 24. Enteritis

Enteritis is an inflammatory change in the mucous membrane of the small intestine, leading to dystrophic changes and impairing its barrier, digestive, and transport functions. Chronic enteritis is characterized by diarrhea, bloating, cramping upper abdominal pain, rumbling, and belching. The extra-intestinal symptoms of chronic enteritis are related to the development of malabsorp-

tion syndrome - impaired absorption of nutrients in the small intestine, leading to hypovitaminosis, mineral deficiencies (iron-deficiency anemia, osteoporosis due to calcium deficiency, etc.), protein malnutrition. This can lead to weight loss, muscle atrophy, menstrual irregularities in women, and erectile dysfunction in men.

**Main session:** 1 x 15 minutes every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology);  
1 x 15 minutes *Cramps (spasm) – general program (393)* (section Symptoms);

**Location of gel electrodes for the main and additional sessions:** no 11.

#### Complementary programs:

- Meteorism, abdominal distension (427)
- Malabsorption syndrome (37)
- General digestive disorders (438)
- Regeneration of the mucosa (613)
- Normalization of bowel function (14)
- Inflammatory process - general program (593)
- Improving general well-being (617)

**Repeating the course of the session:** after 7-10 days.

## 25. Jaundice

Jaundice is a syndrome characterized by yellowing of the skin and mucous membranes, and is a clinical manifestation of various pathological conditions caused by the accumulation of bilirubin in tissues. The program is used in cases of diseases accompanied by jaundice, as well as as a complement to profiling programs to enhance the effect of therapy.

**Main session:** 1 x 15 minutes every day, for 14 days, if necessary, until symptoms subside.

**Additional session:** 1 x 15 minutes *Liver detoxification (398)* (section Symptoms).

**Location of gel electrodes for the main and additional sessions:** no 9 - In case of gallstones, electrodes should be used with caution.

#### Complementary programs:

- Normalization of liver function (15)
- Normalizing of gallbladder function (13)
- Chronic inflammation of the bladder (Chronic cystitis) (343)
- Cholelithiasis (26)
- Gilbert's syndrome (36)
- Chronic hepatitis (21)
- Hepatitis - general program (131)

## 26. Cholelithiasis

Gallstones disease is the formation of stones (deposits) in the gallbladder and bile ducts. The main cause of the disease is a change in the properties of bile. Due to the stagnation, salt particles precipitate and form cholesterol crystals. They block the outflow of bile through the duct, causing inflammation of the gallbladder. For the first 3-5 years, cholelithiasis is asymptomatic. Sometimes a person may have nonspecific symptoms such as bitterness in the mouth or an unpleasant odor, nausea, vomiting. In the case of biliary colic: pain radiating to the right hypochondrium or upper abdomen; spreading pain in the back, under the right scapula, shoulder; nausea, vomiting. If severe pain occurs and does not subside for more than 12 hours, and the patient has a fever, it is most likely a complication caused by acute inflammation of the gallbladder. In such cases, urgent contact with a surgical hospital is necessary.

**Main session:** 1 x 15 minutes every day for 7-10 days.

**Additional session:** 1 x 15 minutes *Normalizing of gallbladder function (13)* (section Nosology);

1 x 15 minutes *Biliary spasm and pain (391)*(section Symptoms);

1 x 15 minutes *Abdominal pain (361)* (section Symptoms).

**Location of gel electrodes for the main and additional sessions:** no 9 (with the session).

### Complementary programs:

- Normalization of liver function (15)
- Chronic cholecystitis (42)
- Jaundice (25)

## 27. Hepatic steatosis

Fatty liver disease is a liver disease characterized by the accumulation of fat in liver cells. Conventionally, the disease is divided into 3 stages. At the beginning, the symptoms of fatty liver are few. In the second stage of the pathology's development, weakness, nausea, liver pain, and pain in the right lower abdomen appear. In the third stage, the following symptoms of fatty liver disease are added: yellowing of the sclera of the eye, skin; the appearance of skin rashes; a general sense of malaise. Long-term application of the program has no contraindications.

**Main session:** 1 x 15 minutes, every day, 14 days.

**Additional session:** 1 x 15 minutes *Liver detoxification (394)* (section Symptoms);

1 x 15 minutes *Normalization of liver function (15)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 9.

### Complementary programs:

- Jaundice (25)
- Detoxification - general program (397)

- Hepatomegaly (22)
- Fatigue - general program (443)
- Chronic diseases - general program (620)
- Meteorism, abdominal distension (427)
- Cell regeneration (607)
- Improving the appetite (412)

## 28. Pancreatic diseases

The pancreas is one of the main organs of the digestive system, secreting pancreatic juice containing enzymes necessary for digestion. The pancreas is the only organ that produces insulin. Symptoms of pancreatic dysfunction include severe pain in the upper abdominal and back area; pain occurs after eating spicy, fried, fatty foods, or drinking alcohol; decreased appetite; sometimes high temperature appears; the patient may complain of chest pain, while the ECG result is positive; during exacerbations of the disease, the patient experiences nausea and vomiting, which do not bring relief; bowel movements are disturbed (both constipation and diarrhea may occur)

**Main session:** 1 x 15 minutes, every day, 14 days.

**Additional session:** 1 x 15 minutes *Normalization of pancreatic function (16)* (section Nosology).  
1 x 15 minutes *Abdominal pain (361)* (section Symptoms).

**Location of gel electrodes for the main and additional sessions:** no 2, 10.

### Complementary programs:

- Chronic pancreatitis (33)
- Nausea (440)
- Detoxification - general program (397)
- Fatigue - general program (443)
- Chronic diseases - general program (620)
- Normalization of bowel function (14)

## 29. Intestinal colic

Intestinal colic is a pain syndrome that occurs in the abdominal cavity, characterized by a spastic type, and is one of the main symptoms of gastrointestinal diseases. The program can be used by younger children.

**Main session:** 1 x 15 minutes if necessary 1-2 times a day. Children are recommended to use the Internal Inductor.

**Location of gel electrodes for the main and additional sessions:** no 11.

### Complementary programs:

- General digestive disorders (438)
- Meteorism, abdominal distension(427)

### 30. Colpitis - general scheme

Colitis is an inflammation of the mucous membrane of the large intestine, which can be both a standalone disease and a pathological symptom of another disease. The most characteristic symptoms of colitis are indigestion, alternating constipation and diarrhea, straining (with accompanying pain), bloating, abdominal pain (with colitis located in the lateral parts of the abdomen and the hip area), and blood in the stool.

**Main session:** 1 x 15 minutes every day for 7-10 days.

**Additional session:** 1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology); 1 x 15 minutes *Cramps (spasm) - general program (393)* (section Symptoms).

**Location of gel electrodes for the main and additional sessions:** no 11.

#### Complementary programs:

- General digestive disorders (438)
- Diarrhea (419)
- Malabsorption syndrome (37)
- Regeneration of the mucosa (613)
- Normalization of bowel function (14)
- Inflammatory process - general program (593)
- Improving general well-being (617)

**Repeating the course of the session:** after 7-10 days.

### 31. Gluten intolerance

Gluten intolerance (celiac disease) is an autoimmune inflammatory bowel disease in which there is a genetic sensitivity to the protein component of gluten. Gluten is a protein found in grains such as wheat, barley, rye, and oats. In this disease, after consuming foods containing gluten, the immune system reacts by producing antibodies against gliadin (a component of gluten), causing an inflammatory response in the body. Celiac disease is characterized by a large number of clinical symptoms, some of which are related to the digestive system, some to other body systems, and in some cases, symptoms may not be observed at all. Typical symptoms of gluten intolerance may include: abdominal pain; diarrhea or constipation of varying frequency and duration; weight loss; nausea and vomiting; bloating and flatulence; dryness and rash on the skin.

**Main session:** 1 x 15 minutes every day for 10 days.

**Additional session:** 1 x 15 minutes *Normalization of bowel function (14)* (section Nosology);  
1 x 15 minutes *Enteritis (24)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 9.

**Complementary programs:**

- Abdominal pain (367)
- Meteorism, abdominal distension(427)
- Diarrhea (419)
- Constipation (420)
- General digestive disorders (438)
- Inflammatory process - general program (593)
- Malabsorption syndrome (37)

**Repeating the course of the session:** after 7 days the program can be used for a long time.

## 32. Lactose intolerance

Lactose intolerance is a disease characterized by a congenital or acquired inability to synthesize the enzyme of the small intestine - lactase, which breaks down lactose into glucose and galactose, which are then absorbed into the bloodstream. With age, lactase production stops. Lactose intolerance is defined by a series of symptoms in individuals with an individual lactose malabsorption syndrome (flatulence, bloating, diarrhea, abdominal pain).

**Main session:** 1 x 15 minutes every day for 10 days.

**Additional session:** 1 x 15 minutes *Normalization of bowel function (14)* (section Nosology);  
1 x 15 minutes *Enteritis (24)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 9.

**Complementary programs:**

- Abdominal pain (367)
- Meteorism, abdominal distension(427)
- Diarrhea (419)
- General digestive disorders (438)
- Inflammatory process - general program (593)
- Malabsorption syndrome (37)

**Repeating the course of the session:** after after 7 days the program can be used for a long time.

## 33. Chronic pancreatitis

Chronic pancreatitis is a chronic inflammatory condition that causes progressive changes in the

pancreatic tissue (atrophy, fibrosis) and gradual development of pancreatic insufficiency. The main symptoms include: constant or periodic pain of varying intensity, most commonly located in the upper abdomen, which appears or worsens 15-30 minutes after eating. Sometimes painless course is observed (more often with autoimmune pancreatitis); bloating, especially after eating a high-fat meal; impaired glucose tolerance or diabetes in advanced chronic course.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Normalization of pancreatic function (16)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 2, 10.

**Complementary programs:**

- Pancreatic diseases (28)
- Nausea (440)
- Meteorism, abdominal distension(427)
- Vomiting (439)
- Detoxification - general program (397)
- Fatigue - general program (443)
- Chronic diseases - general program (620)
- Malabsorption syndrome (37)
- Normalization of liver function (15)

**Repeating the course of the session:** after 5-7 days.

## 34. Heartburn - Reflux

Gastroesophageal reflux disease (GERD) is a syndrome of symptoms caused by the backflow of stomach contents into the esophagus. Along with previously swallowed food, stomach acid and digestive enzymes also return to the esophagus, causing heartburn. This can be accompanied by damage to the lining of the esophagus.

**Main session:** 1 x 15 minutes every day for 7-10 days.

**Additional session:** 1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 11.

**Complementary programs:**

- Regeneration of the mucosa (613)
- Chronic diseases - general program (620)
- Hiatal hernia (351)

**Repeating the course of the session:** after 5-7 days.

## 35. Inflammation of the rectum (Proctitis)



Inflammation of the rectum (Proctitis) is an inflammatory condition of the rectal mucosa caused by infection, non-specific inflammation of the intestines, or exposure to radiation. Clinical symptoms include discomfort in the rectum and bleeding. Treatment depends on the etiology of the process.

**Main session:** 1 x 15 minutes every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Normalization of bowel function (14)* (section Nosology);

1 x 15 minutes *Bowel detoxification (394)* (section Symptoms);

1 x 15 minutes *Meteorism, abdominal distension (427)* (section Symptoms);

**Location of gel electrodes for the main and additional sessions:** no 11.

**Complementary programs:**

- Abdominal pain (367)
- Regeneration of the mucosa (613)
- Chronic diseases - general program (620)
- Gonorrhoea split (457)
- Rzęsitek (485)
- Pinworms (559)
- Amoebiasis of dysentery (451)

**Repeating the course of the session:** after if necessary 5-7 days.

## 36. Gilbert's syndrome

Gilbert's syndrome to a congenital liver disease whose main symptom is hyperbilirubinemia, jaundice. Mild yellowing of the eyes and skin is typical of the disease's symptoms. The onset of jaundice is triggered by the influence of many different factors: nervous and physical stress, acute infectious diseases, taking certain medications, spicy, fried foods, as well as hunger. There is a reluctance to consume alcoholic beverages. Patients often complain of heaviness, constant dull pain in the right hypochondrium, nausea, vomiting, loss of appetite, belching, alternating constipation and diarrhea.

**Main session:** 1 x 15 minutes every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Normalization of liver function (15)* (section Nosology);

1 x 15 minutes *Jaundice (25)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 9.

**Complementary programs:**

- Liver detoxification (398)
- Chronic diseases - general program (620)
- Improving the appetite (412)
- Improving general well-being (617)

**Repeating the course of the session:** after 7-10 days.

## 37. Malabsorption syndrome

Malabsorption syndrome is a condition of inadequate absorption of nutrients in the intestines. The most common causes of poor absorption include celiac disease, pancreatic enzyme deficiency, chronic pancreatitis or surgery on the pancreas, bile deficiency, chronic gastritis, and Crohn's disease.

**Main session:** 1 x 15 minutes every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Enteritis (24)* (section Nosology);  
1 x 15 minutes *Colpitis - general scheme (30)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 11.

### Complementary programs:

- Bowel detoxification (394)
- Chronic diseases - general program (620)
- Normalization of bowel function (14)
- Normalizing of gallbladder function (13)
- Normalization of pancreatic function (16)
- Crohn's disease (40)
- Gluten intolerance (31)
- Lactose intolerance (32)

**Repeating the course of the session:** after 7-10 days.

## 38. Irritable bowel syndrome

Irritable bowel syndrome is a chronic disease of the small and large intestine, characterized by abdominal pain and an irregular bowel rhythm not caused by organic or biochemical changes. There are three forms: with diarrhea, with constipation, and mixed. The main symptoms are abdominal pain; with diarrhea, watery stools, which occur fairly suddenly, after eating, psychological stress, or in the morning; with constipation, there is a decrease in the frequency of bowel movements, and the stool is passed with effort; after defecation, there is often a feeling of incomplete evacuation. In some patients, periods of diarrhea and constipation alternate. Other symptoms include bloating (mostly subjective), nausea, vomiting, and heartburn.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Exhaustion of the body (423)* (section Symptoms);  
1 x 15 minutes *Cramps (spasm) - general program (393)* (section Symptoms);  
1 x 15 minutes *Normalization of bowel function (14)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 11.

### Complementary programs:

- Inflammation of the rectum (Proctitis) (35)

- Colpitis - general scheme (30)
- Gastrointestinal infections - general program (123)
- Chronic diseases - general program (620)
- Diarrhea (419)
- Improving general well-being (617)

**Repeating the course of the session:** after 7-10 days.

### 39. Liver fibrosis

Liver fibrosis is the process of replacing liver tissue with connective tissue. Chronic inflammation caused by viral hepatitis B, C, D, Epstein-Barr virus, cytomegalovirus infection, toxic effects of alcohol, autoimmune disorders, toxic effects of certain drugs leads to fibrosis. In the early stages of the disease, specific symptoms indicating the development of the disease may not occur, or only general weakness, fatigue, discomfort in the right upper abdomen, and loss of appetite may be detected.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Liver detoxification (398)* (section Symptoms);

1 x 15 minutes *Normalization of liver function (15)* (section Nosology).

1 x 15 minutes *Exhaustion of the body (423)* (section Symptoms)

**Location of gel electrodes for the main and additional sessions:** no 9.

#### Complementary programs:

- Detoxification - general program (397)
- Human Herpesvirus 4 (EBV) (509)
- Human Herpesvirus 5 (CMV) (510)
- Hepatomegaly (22)
- Autoimmune Problems - general program (3)
- Chronic diseases - general program (620)
- Improving general well-being (617)

**Repeat the Session Cycle:** after 10 days.

### 40. Crohn's disease

Crohn's disease is a chronic inflammatory bowel disease. Swelling, ulcers, abscesses, and fistulas, scarring, and narrowing of the intestinal lumen are observed throughout the digestive tract. The main symptoms of Crohn's disease are abdominal pain and diarrhea (sometimes mixed with blood) up to 10-20 times a day, significant weight loss. Some patients have a mild course of the disease. Long periods without symptoms (remission) occur. Exacerbation can be caused by infections, hormonal changes, and smoking. Severe abdominal pain, fever, vomiting, and tachycardia accompany the acute course of Crohn's disease.

The program should be used in combination with other methods of Crohn's disease therapy, and the session process is lengthy.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes Diarrhea (419) (section Symptoms);  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Normalization of bowel function (14)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 9, 11.

#### Complementary programs:

- Chronic diseases - general program (620)
- Exhaustion of the body (423)
- General digestive disorders (438)
- Colpitis - general scheme (30)
- Enteritis (24)
- Duodenitis (23)
- Dental trauma (320)
- Improving the appetite (412)
- Improving general well-being (617)

**Repeat the Session Cycle:** after 7 days.

## 41. Normalization of cholesterol

Cholesterol is a substance that is a structural combination of fats and steroids. In the human body, it plays an important role as a building block for cell membranes and hormones. About 80% of cholesterol is produced in the liver, and only 20% enters the body through food (meat, poultry, fish, dairy). A small amount of cholesterol is necessary for the proper functioning of our body, but its excess often leads to the development of atherosclerosis (formation of plaques in the walls of arteries), which is the cause of such diseases as angina, myocardial infarction, and stroke.

**Main session:** 1 x 15 minutes, ongoing 14 days.

**Additional session:** 1 x 15 minutes *Normalization of liver function (15)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 2.

#### Complementary programs:

- Improving general well-being (617)
- Arterial disease (PAD) (157)

## 42. Chronic cholecystitis

Chronic cholecystitis is inflammation of the gallbladder wall, which occurs due to bile stasis or

infection. Chronic cholecystitis manifests as dull and aching pain in the right hypochondrium, which occurs after eating, bitter taste in the mouth, nausea. The disease develops gradually, manifesting in case of a violation of the diet or other provoking factors. Chronic cholecystitis often precedes dyskinesia of the bile ducts or other pathologies. For a long time, Chronic cholecystitis can be asymptomatic or accompanied by moderate pain (except during exacerbations when the pain becomes pronounced).

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Normalizing of gallbladder function (13)* (section Nosology);  
1 x 15 minutes *Biliary spasm and pain (391)* (section Symptoms).

**Location of gel electrodes for the main and additional sessions:** no 9.

**Complementary programs:**

- Normalization of liver function (5)
- Jaundice (25)
- Meteorism, abdominal distension (427)
- Nausea (440)

# HEMATOLOGY

The course of sessions of programs in this section is developed individually, taking into account coexisting diseases and existing symptoms.

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot)	-
2. Gel electrodes (self-adhesive applied topically to a specific zone).	-

## 43. Vitamin B12 deficiency anemia

Anemia due to vitamin B12 deficiency (Addison-Biermer anemia, pernicious anemia) is the inhibition of normal blood formation due to a lack of vitamin B12. It is an important vitamin that enters the body with food. Its level depends not only on intake but also on the condition of the gastrointestinal and liver-biliary systems. Deficiency leads to the development of hematopoietic disorders, damage to the nervous system, changes in the epithelium of the digestive tract, and atherosclerosis. Neurological symptoms accompany vitamin B12 deficiency - mental disorders, polyneuritis, etc. The goal of the program is primarily to reduce the symptoms of the disease, prevent the development of complications, and improve the absorption of vitamin B12 with oral intake.

**Main session:** 1 x 15 minutes every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Hematological diseases - general program (45)* (section Nosology); 1 x 15 minutes *Normalization of hemoglobin production (50)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 1, 10 or 11.

### Complementary programs:

- Dizziness (418)
- Improving general well-being (617)
- Chronic diseases - general program (620)
- Normalization of nervous system functions (184)
- Normalization of gastrointestinal function (12)

## 44. Iron deficiency anemia

Iron-deficiency anemia is a pathological condition characterized by a decrease in the level of iron in the body, leading to a decrease in the concentration of red blood cells and hemoglobin in the blood. It is the most common type of anemia (about 80% of all types of anemia). Iron is a trace element

essential for the normal functioning of the body. It is a component of hemoglobin, a protein that makes blood red. Hemoglobin, in turn, is a component of red blood cells, whose main function is to transport oxygen from the lungs to the organs and tissues.

The main symptoms of iron-deficiency anemia are: weakness, fatigue, shortness of breath, pale skin and conjunctiva, dizziness, rapid heartbeat, brittle nails, hair loss, craving for non-food items like chalk, clay, ice, and cracks in the corners of the mouth. The goal of the program is to improve the overall condition of the patient and reduce the symptoms of iron-deficiency anemia.

In addition to the program, a balanced diet is recommended, including foods rich in B vitamins, especially folic acid and vitamin B12, iron, and protein. These include: lean red meat and offal, especially liver, fish and seafood, milk, cheese, natural yoghurt, vegetables - lettuce, parsley, dill, spinach, vegetables, especially fresh, fruits, among which pomegranate is the first, apples and oranges.

**Main session:** 1 x 15 minutes every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Hematological diseases - general program (45)* (section Nosology);  
1 x 15 minutes *Normalization of hemoglobin production (50)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 1, 10.

#### **Complementary programs:**

- Dizziness (418)
- Improving general well-being (617)
- Chronic diseases - general program (620)

## **45. Hematological diseases - general program**

The program is used for cardiovascular diseases as an addition to specialized programs.

**Main session:** 1 x 15 minutes every day for 10 days.

**Location of gel electrodes for the main session:** no 1 or 10.

## **46. Coagulopathy**

Coagulopathy is a pathological condition of the body caused by various disorders of blood clotting. It is a syndrome, and sometimes a symptom of many diseases. Depending on whether the disease is hereditary or acquired, it is caused by either an insufficient number of plasma components or their low quality. In both cases, this is due to a genetic factor. Coagulopathy is most commonly observed in pregnant women and children. Additionally, it is one of the main symptoms of COVID-19.

**Main session:** 1 x 15 minutes every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Hematological diseases - general program (45)* (section Nosology);  
1 x 15 minutes *Reconstruction of capillaries / capillaries (595)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 1, 10.

**Complementary programs:**

- Normalization of erythropoiesis (51)
- Blood regeneration (610)
- Slow health recovery (604)

## 47. Leukopenia

Leukopenia is a pathological condition characterized by a decrease in the number of leukocytes in the blood (below 4000 per 1  $\mu$ l). This condition is caused by massive destruction of young blood cells and a decrease in the production of mature leukocytes, which are essential for the proper functioning of the immune system. Marked leukopenia almost always indicates a disturbance in normal hematopoiesis. Leukopenia occurs with some hereditary and infectious diseases, as well as a deficiency of many vitamins (mainly B vitamins).

**Main session:** 1 x 15 minutes every day for 10 days.

**Additional session:** 1 x 15 minutes *Hematological diseases - general program (45)* (section Nosology);  
1 x 15 minutes *Normalization of leukopoiesis (49)* (section Nosology);  
1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 1 or 10.

**Complementary programs:**

- Splenomegaly – splenic enlargement (10)
- Blood regeneration (610)
- General regeneration - recovery (596)

## 48. Leukocytosis

Leukocytosis is an increased (above the upper limit of normal) number of leukocytes in the blood. Leukocytosis can be either physiological, not related to disease, or pathological. Physiological leukocytosis is usually not very high and occurs during physical exertion or stress. Pathological leukocytosis is most commonly observed in inflammatory and infectious diseases when the body intensely produces new leukocytes to fight infection. The most common causes of leukocytosis include allergies, rheumatism, bacterial and viral infections, tissue injuries, etc. Among the causes of leukocytosis, inflammatory diseases of the abdominal organs often occur.



**Main session:** 1 x 15 minutes every day for 10 days.

**Additional session:** 1 x 15 minutes *Hematological diseases - general program (45)* (section Nosology);

1 x 15 minutes *Normalization of leukopoiesis (49)* (section Nosology);

1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 1 or 10.

**Complementary programs:**

- Splenomegaly – splenic enlargement (10)
- Inflammatory process - general program (593)
- Blood regeneration (610)
- General regeneration - recovery (596)

**Repeating the course of the session:** after if necessary 3-5 days.

## 49. Normalization of leukopoiesis

Leukopoiesis is the process of creating leukocytes, a sequence of cellular transformations occurring in hematopoietic organs, usually taking place in the bone marrow tissue. The disruption of leukopoiesis occurs under the influence of biological factors (bacteria, viruses, parasites), physical factors (ionizing radiation, ultraviolet radiation), and chemical factors.

The program aims to normalize leukopoiesis and is used as an addition to profiling programs to enhance the therapeutic effect.

**Main session:** 1 x 15 minutes every day for 10 days.

**Additional session:** 1 x 15 minutes *Hematological diseases - general program (45)* (section Nosology);

1 x 15 minutes *Blood regeneration (610)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 1 or 10.

**Complementary programs:**

- General regeneration - recovery (596)

## 50. Normalization of hemoglobin production

Hemoglobin is a respiratory pigment that participates in the transport of oxygen and carbon dioxide in the blood. It is contained in erythrocytes (red blood cells). The production of hemoglobin can be disrupted by its increase or decrease. An increase in hemoglobin levels is possible due to physiological causes (physical stress, high-altitude living, pilots after high-altitude flights, climbers), congenital heart defects and heart failure, lung failure, emphysema, and chronic obstructive pulmonary disease (COPD), liver, and kidney tumors. A decrease in hemoglobin levels is possible due to the main symptom - anemia of various etiologies. A comprehensive disease support program is used to enhance the effect of therapy.

**Main session:** 1 x 15 minutes every day for 10 days.

**Additional session:** 1 x 15 minutes *Hematological diseases - general program (45)* (section Nosology);  
1 x 15 minutes *Normalization of erythropoiesis (51)* (section Nosology);  
1 x 15 minutes *Chronic diseases - general program (620)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 1 or 10.

**Repeated Session Cycle:** 3 cycles of sessions with a three-day break.

## 51. Normalization of erythropoiesis

Erythropoiesis is a type of hematopoiesis (blood formation) during which red blood cells (erythrocytes) are produced. Erythropoiesis is stimulated by a decrease in oxygen delivery to tissues, which is controlled by the kidneys. During high altitude stays, certain cardiovascular and pulmonary diseases that lead to impaired oxygen delivery to tissues can contribute to increased erythropoiesis. In cases of kidney failure with impaired erythropoietin production, protein, vitamin B12 or folate deficiency, iron and other nutrient deficiencies, chronic infections, and certain toxins, erythropoiesis may be inhibited, leading to a decrease in hemoglobin and erythrocytes and the development of anemia.

**Main session:** 1 x 15 minutes every day for 10 days.

**Additional session:** 1 x 15 minutes *Hematological diseases - general program (45)* (section Nosology);  
1 x 15 minutes *Blood regeneration (610)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 1 or 10.

**Complementary programs:**

- Blood thinning (52)
- Coagulopathy (46)

**Repeated Session Cycle:** 2-3 cycles of sessions, with a break of 3-5 days.

## 52. Blood thinning

Thick, viscous blood is dangerous to health. Slowed blood flow leads to oxygen deprivation of internal organs and the formation of blood clots. This program is designed to thin the blood as part of treatment under mandatory medical supervision.

**Main session:** 1 x 15 minutes every day for 10 days.

**Additional session:** 1 x 15 minutes *Hematological diseases - general program (45)* (section Nosology);  
1 x 15 minutes *Normalization of erythropoiesis (51)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 1.

**Repeating the course of the session:** after if necessary 3-5 days.



# GYNAECOLOGY

In most cases, the programs in this department must be combined with other types of treatment recommended by the doctor. Cancer is a relative contraindication for this type of therapy, so it is recommended to undergo an examination to determine the treatment strategy

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot)	3. Induction loop or built-in inductor
2. Gel electrodes (self-adhesive applied locally to a specific zone) - (Gel electrodes are NOT applied to the postoperative wound area).	4. Induction mat

## 53. Inflammation of the appendages (Dnexitis)

Inflammation of the appendages (Dnexitis) (Inflammation of the fallopian tubes (salpingitis)) is an inflammatory disease of the uterus appendages, including the ovaries and fallopian tubes. Inflammation of the appendages (Dnexitis) in women can manifest with the following symptoms: pain in the lower abdomen radiating to the rectum and lower back; body temperature increase up to 38°C; menstrual cycle disturbances; urinary tract disorders (itching, burning, frequent urination); bloating, nausea; genital tract discharge in green or yellow color with an unpleasant odor; discomfort and pain during sexual intercourse. Inflammatory conditions of the fallopian tubes refer to mixed infections, which are caused by peptococci, clostridia, gonococci, chlamydia, mycoplasma, streptococci, staphylococci, and other pathogenic microorganisms, provided that they penetrate into the fallopian tubes and then into the ovaries.

**Main session:** 1 x 15 minutes every day for 14 days; with exacerbations, 3-5 days, 4 sessions a day.  
**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).  
1 x 15 minutes *Regulation of the female reproductive system (67)* (section Nosology);  
**Location of gel electrodes for the main and additional sessions:** no 7 or 8.

### Complementary programs:

- Acute pain (380)
- Regulation of the menstrual cycle (68)
- Genital mycoplasma (468)
- Chlamydia - general program (488)
- Depressive syndrome (273)
- Improving general well-being (617)
- Vaginal inflammation (vaginits) (56)

**Repeating the course of the session:** after if necessary 3-5 days.

## 54. Absence of menstruation (Amenorrhoea)

Absence of menstruation (Amenorrhoea) is a menstrual cycle disorder characterized by the absence of menstruation and is often a cause of infertility. One of the most common causes of amenorrhoea is the improper functioning of the hormonal system, resulting in hormonal imbalances.

**Main session:** 1 x 15 minutes every day for 28 days;

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms).

1 x 15 minutes *Regulation of the menstrual cycle (68)* (section Nosology).

1 x 15 minutes *Normalization of ovarian function (100)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 7, 11.

### Complementary programs:

- Polycystic ovary syndrome (PCOS) (65)
- Restoration of hormonal balance in women (103)
- Nervous system tension 1 (185)
- Emotional harmony program (581)
- Infertility - general program (55)
- Ovulation stimulation (71)
- Headache - general program (388)

**Repeat the Session Cycle:** 2-3 courses with an interval of 7 days.

## 55. Infertility - general program

The program is used in the comprehensive treatment of female infertility, as well as in the preparation stage for intrauterine insemination and in vitro fertilization.

**Main session:** 1 x 15 minutes every day for two months; then keep sessions for a long time, once every two days.

**Additional session 1 month:** 1 x 15 minutes *Reproductive system - general program (69)* (section Nosology);

1 x 15 minutes *Nervous system tension 1 (185)* (section Nosology);

1 x 15 minutes *Emotional harmony program (581)* (section PEMF).

**Additional session 2 months:** 1 x 15 minutes *Reproductive system - general program (69)* (section Nosology);

1 x 15 minutes *Regulation of the female reproductive system (67)* (section Nosology).

1 x 15 minutes *Ovulation stimulation (71)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 11.

### Complementary programs:

- Regulation of the menstrual cycle (68)
- Restoration of hormonal balance in women (103)
- Mood Improvement Program (580)
- Pituitary gland - balance (106)

## 56. Vaginal inflammation (vaginitis)

Vaginal inflammation (vaginitis) is an inflammatory disease of the vaginal mucosa accompanied by itching, pain, and the presence of abnormal discharge from the genital tract. This disease develops due to a disturbance of the microflora balance of the vaginal mucosa. Microflora disorders are caused by pathogenic bacteria such as streptococci, Gardnerella, Chlamydia, Staphylococcus, and Escherichia coli. The program acts anti-inflammatory, prevents complications, and chronicity of the process.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF); 1 x 15 minutes *Improving general well-being (617)* (section PEMF).

### Complementary programs:

- Fungal infections of the female reproductive system (57)
- Acute pain (380)
- Cramps (spasm) – general program (393)
- Genital mycoplasma (468)
- Chlamydia - general program (488)
- Gardnerella vaginalis (456)
- Pinworms (559)
- Candida- general program (525)
- Trichomoniasis (485)
- Itchy skin (421)
- Headache of unknown origin (397)

**Repeating the course of the session:** after if necessary 5-7 days.

## 57. Fungal infections of the female reproductive system

Fungal infections of the female genital organs are considered the most common diseases in gynecology. Due to the weakened immune system, the fungus starts to multiply uncontrollably, infecting the mucous membranes of the digestive tract and female genital organs. The etiologic factor is Candida fungi, most commonly Candida albicans, as well as C. glabrata, C. krusei, C. guilliermondii, C. parapsilosis, C. tropicalis, C. pseudotropicalis, C. lusitaniae, C. dubliniensis.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Candida-general program (525)* (section INFECTIOUS AGENTS);  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Urinary tract infections (330)* (section Nosology).

**Complementary programs:**

- Detoxification - general program (397)
- Acute pain (380)
- Itchy skin (421)
- *Candida albicans* (526)
- *Candida glabrata* (527)
- *Candida parapsilosis* (530)
- *Candida tropicalis* (533)
- Normalization of the immune system (1)

**Repeating the course of the session:** after 3-5 days.

## 58. Menstrual cramps

Painful menstruation is pain in the uterus during menstruation. The pain can accompany or precede menstruation by 1-3 days. The peak of the pain is noted 24 hours after the start of menstruation and subsides after 2-3 days. Usually, the pain is sharp but can be spasmodic, pulsating, or dull and constant; it can radiate to the lower extremities. Headache, nausea, constipation or diarrhea, back pain, increased urination are common occurrences; sometimes vomiting appears. Premenstrual tension syndrome symptoms can be observed during part or all of menstruation.

**Main session:** 1 x 15 minutes, 2 times a day, 3 days before menstruation begins, throughout the period 2-3 times a day.

**Additional session:** 1 x 15 minutes *Acute pain (380)* (section Symptoms);  
1 x 15 minutes *Premenstrual syndrome (66)* (section Nosology);  
1 x 15 minutes *Regulation of the menstrual cycle (68)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 7, 11.

**Complementary programs:**

- Acute pain (380)
- Cramps (spasm) – general program (393)
- Nausea (440)
- Restoration of hormonal balance in women (103)
- Inflammation of the lining of the womb (endometritis) (59)
- Inflammatory process - general program (593)

**Repeating the course of the session:** after if necessary 5-7 days.

## 59. Inflammation of the lining of the womb (endometritis)

Inflammation of the lining of the womb (endometritis) is an inflammation of the inner part of the uterine lining that can lead to menstrual dysfunction and cause infertility or miscarriage. The main symptoms of this disease are menstrual cycle disturbances, painful and heavy periods, and periodic or pulling pains in the lower abdomen.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);

1 x 15 minutes *Regulation of the female reproductive system (67)* (section Nosology);

1 x 15 minutes *Regeneration of the mucosa (613)* (section PEMF);

**Location of gel electrodes for the main and additional sessions:** no 11.

### Complementary programs:

- Detoxification - general program(397)
- Acute pain (380)
- Regulation of the menstrual cycle (68)
- Normalization of the immune system (1)
- Mycoplasma genitalia (468)
- Chlamydia - general program (488)
- Gardnerella vaginalis (456)
- Trichomoniasis (485)
- Herpesvirus 5 (CMV) (510)
- Human papillomavirus - general program (503)
- Cervical erosion (60)
- Cervical polyps 1 (357)

**Repeat the Session Cycle:** after 7 days.

## 60. Cervical erosion

Cervical erosion is a pathological process characterized by the appearance of an ulcerative defect in the mucous membrane of the cervix. Without treatment, erosion can turn into a benign tumor. The disease can be caused by many factors: sexually transmitted infections (such as chlamydia, ureaplasma, herpes virus), injuries to the uterus during surgery, injuries caused by chemical and barrier contraception, frequent changes in sexual partners, and a decrease in the protective function of the immune system.



**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Regulation of the female reproductive system (67)* (section Nosology);  
1 x 15 minutes *Regeneration of the mucosa (613)* (section PEMF);

**Complementary programs:**

- Detoxification - general program (397)
- Acute pain (380)
- Normalization of the immune system (1)
- Inflammation of the lining of the womb (endometritis) (59)
- Genital mycoplasma (468)
- Chlamydia -program ogólny (488)
- Ureaplasma (486)
- Trichomoniasis (485)
- Herpesvirus ludzki 5 (CMV) (510)
- Human papillomavirus - general program (503)
- Cervical polyps (361)
- Benign tumors - general program (347)

**Repeat the Session Cycle:** after 7 days.

## 61. Candidiasis

Yeast infection is a reproductive system disease caused by the fungus *Candida albicans*. Normally, *Candida* is a part of the vaginal microflora, but under unfavorable factors, it begins to actively multiply, which causes the appearance of symptoms of candidiasis in women. It can develop due to the following reasons: chronic infectious diseases; weak immune system; taking antibiotics; taking contraceptive drugs; sexually transmitted diseases; strong stress, and others

**Main session:** 1 x 15 minutes every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Candida albicans (526)* (section FUNGI / MOLD);  
1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

**Complementary programs:**

- Fungal infections of the female reproductive system (57)
- Detoxification - general program (397)
- Normalization of the immune system (1)
- Detoxification of fungal infections (403)

**Repeating the course of the session:** after if necessary 7 days.

## 62. Menopause

Menopause is a physiological process in which significant changes occur in a woman's body. The peak of painful symptoms often occurs in the fall and spring. Typical symptoms of menopause include hot flashes (feeling of heat and redness of the face, head, and chest), mood swings, accelerated heart rate and blood pressure spikes, sweating, pain and dizziness, migraines, and insomnia. The program has no contraindications and can be used for a long time.

**Main session:** 1 x 15 minutes a day.

**Additional session:** 1 x 15 minutes *Restoration of hormonal balance in women (103)* (section Nosology);

1 x 15 minutes *Regulation of the female reproductive system (67)* (section Nosology).

### Complementary programs:

- Menopause (62)
- Irritability reduction program (579)
- Prevention of age-related changes (606)

## 63. Menopause - hot flashes

Hot flashes are a feeling of intense heat in the upper body and face, which can occur during the day or at night. It is a natural reaction of the body to hormonal changes. It is characterized by the following symptoms: sudden feeling of warmth in the upper body and face, facial flushing and itchy skin, increased heart rate, tingling sensation in the fingers, feeling cold when the wave passes.

**Main session:** 1 x 15 minutes, if necessary 2-3 times a day.

### Complementary programs:

- Menopause (62)
- Regulation of the female reproductive system (67)
- Restoration of hormonal balance in women (103)
- Irritability reduction program (579)
- Prevention of age-related changes (606)

## 64. Mastopathy

Mastopathy is a benign change in the breast gland, which occurs in response to dys-hormonal disorders of the body. The symptoms of mastopathy depend on individual characteristics, the type of the disease, and the side effects of other diseases. The most common symptoms are: premenstrual breast pain, thickening of the breast gland, increased breast volume, and enlargement of regional lymph nodes.

**Main session:** 1 x 15 minutes, every day, od 14 days.

**Additional session:** 1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);  
1 x 15 minutes *Regulation of the female reproductive system (67)* (section Nosology).

**Complementary programs:**

- Normalisation of Lymphatic System Flows (155)
- Benign tumors - general program (347)
- Breast lumps (354)
- Restoration of hormonal balance in women (103)

## 65. Polycystic ovary syndrome (PCOS)

Polycystic ovaries - polycystic ovary syndrome is a disease that develops due to hormonal imbalances and is characterized by the formation of numerous cystic tumors on the surface of the ovaries. The main problem of this pathology is the hidden course of the disease for a long time. The main symptoms of polycystic ovaries are persistent menstrual cycle disorders. In addition, there is rapid weight gain and hirsutism (excessive male hair growth in women). Polycystic ovary syndrome requires a comprehensive approach, therefore, specialist consultation is necessary to determine the treatment strategy. The program can be used as an auxiliary method in the therapy of this disease.

**Main session:** 1 x 15 minutes every day for 10-14 days;

**Additional session:** 1 x 15 minutes *Regulation of the menstrual cycle (68)* (section Nosology).  
1 x 15 minutes *Normalizacja funkcji jajników (100)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 7 or 8.

**Complementary programs:**

- Restoration of hormonal balance in women (103)
- Emotional harmony program (581)
- Infertility - general program (55)
- Headache - general program (388)
- Ovarian cyst - general program (355)
- Chronic diseases - general program (620)
- Pituitary gland - balance (106)

**Repeat the Session Cycle:** after if necessary 7 days.

## 66. Premenstrual syndrome

Premenstrual syndrome (PMS) is a group of symptoms characterized by neuropsychological, endocrine-metabolic, and autonomic-vascular disturbances that occur in the second phase of the

menstrual cycle. It is characterized by irritability, anxiety, emotional lability, depression, edema, breast tenderness, headache, which occur 7-10 days before menstruation and usually end a few hours before menstruation.

**Main session:** 1 x 15 minutes, 2 times a day, 7-10 days before menstruation begins.

**Additional session:** 1 x 15 minutes *Irritability reduction program (579)* (section PEMF).

**Complementary programs:**

- Headache - general program (388)
- Menstrual cramps (58)
- Improving general well-being (617)
- Acute pain (380)
- Cramps (spasm) – general program (393)
- Nausea (440)

## 67. Regulation of the female reproductive system

The program is used in comprehensive treatment of the main disease. The aim of the program is to correct hormonal and psychovegetative disorders in women.

**Main session:** 1 x 15 minutes, 1 once a day, in a complex with the main programs.

**Location of gel electrodes for the main session:** no 7.

## 68. Regulation of the menstrual cycle

The program is used in comprehensive treatment of the main disease.

**Main session:** 1 x 15 minutes, 1 once a day, in a complex with the main programs.

## 69. Reproductive system - general program

Program for the prevention of reproductive system diseases.

**Main session:** 1 x 15 minutes, 1 once a day, in a complex with the main programs.

## 70. Inflammation of the fallopian tubes (salpingitis)

Inflammation of the fallopian tubes (salpingitis) is an acute or chronic infectious-inflammatory disease of the fallopian tubes. The disease develops due to the entry of pathogenic microorganisms into the uterus and other organs, starting with damage to the mucous membrane and gradually spreading to all layers. Such inflammation can lead to the development of adhesions, obstruction of the fallopian tubes, ectopic pregnancy, and in the worst case, infertility. Sympt-

toms of salpingitis include lower abdominal pain, pain during urination, rapid fatigue, headache, chills, fever, and gastrointestinal disturbances. In cases of severe disease progression, treatment is carried out in a hospital.

**Main session:** 1 x 15 minutes, 2 times a day, for 7-10 days as a rule, the start of therapy is associated with the end of menstruation.

**Additional session:** 1 x 15 minutes *Bacteria - general program (448)* (section INFECTIOUS AGENTS);  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Regulation of the female reproductive system (67)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 8.

### Complementary programs:

- Detoxification - general program (397)
- Acute pain (380)
- Inflammation of the lymph nodes (9)
- Normalization of the immune system (1)
- Inflammation of the lining of the womb (endometritis) (59)
- Staphylococcus - general program (474)
- Streptococcus - general program (479)
- Colon bacillus (460)
- Chlamydia - general program (488)
- Regeneration of the mucosa (613)

**Session 2 run:** after 5-7 days.

## 71. Ovulation stimulation

The program serves as an adjuvant method for ovulation stimulation - helping the woman's body to form an egg. It is prescribed in combination with the main treatment.

**Main session:** 4 x 15 minutes, individually taking into account the cycle.

## 72. Fibroids

A fibroid tumor can occur in any organ. It is most commonly found in the ovaries, breast glands, uterus, and on the skin. In the uterus, fibroids occur both singly and in the form of a cluster of nodules.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Benign tumors - general program (347)* (section Nosology);  
1 x 15 minutes *Chronic diseases - general program (620)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 7.

**Complementary programs:**

- Detoxification - general program (397)
- Acute pain (380)
- Inflammation of the lymph nodes (9)
- Normalization of the immune system (1)
- Inflammation of the lining of the womb (endometritis) (59)

**Repeat the Session Cycle:** 2-3 kursy, w odstępie 7 days.

# DERMATOLOGY / COSMETOLOGY

The purpose of the programs in this department is to improve the overall condition, reduce skin inflammation symptoms, decrease skin itching, and shorten the treatment time of the main dermatological disease.

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot)	3. Induction loop or built-in inductor
2. Gel electrodes (self-adhesive applied topically to a specific zone). (It is not recommended to use gel electrodes on damaged skin areas (inflammation, swelling, exudation, etc.))	4. Induction mat

## 73. Acne

Acne is a chronic inflammatory disease of the sebaceous glands, which arises from their blockage and increased sebum production. In most cases, acne occurs during adolescence, with the peak incidence usually between 14-17 years of age. The main factors in the development of acne are sebaceous gland hyperplasia and increased sebum secretion, follicular hyperkeratosis, activation of microorganisms with subsequent inflammation.

**Main session:** 1 x 15 minutes, 2 times a day for 14 days; następnie program jest używany jako samodzielny program for długi czas, aż do ustąpienia objawów.

**Additional session:** 1 x 15 minutes *Blastocystis hominis*(453) (section INFECTIOUS AGENTS);

1 x 15 minutes *Inflammatory process - general program* (593) (section PEMF);

1 x 15 minutes *Renewal of skin cells* (78) (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 2.

### Complementary programs:

- Itchy skin (421)
- Detoxification - general program (397)
- Lymphatic drainage 1 (408)
- Normalization of the immune system (1)
- Staphylococci- program ogólny (474)
- Streptococcus - general program (479)

**Repeating the course of the session:** after if necessary 7-10 days.

## 74. Hair diseases - general program

general program used for diseases that cause pathological changes in the hair, for various scalp skin diseases.

**Main session:** 1 x 15 minutes, 2 times a day for 10 days; later once a day for month.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Improving blood circulation (618)* (section PEMF);  
1 x 15 minutes *Renewal of skin cells (78)* (section Nosology).

### Complementary programs:

- Epidermophyton (543)
- Trichophyton - general program (542)
- Microsporum - general program (535)
- Detoxification - general program (397)
- Normalization of the endocrine system functions (98)
- Staphylococcus - general program (474)
- Streptococcus - general program (479)
- Itchy skin (421)
- Emotional harmony program (581)
- General regeneration - recovery (596)

**Repeating the course of the session:** after 7-10 days.

## 75. Nail diseases - general program

The program is used to improve the effectiveness of therapy for infectious nail diseases. The course of treatment is long, usually 5-6 months.

**Main session:** 1 x 15 minutes, 2 times a day for 10-14 days; later once a day for month.

**Additional session:** 1 x 15 minutes *Nail Fungus (Onychomycosis) (538)* (section INFECTIOUS AGENTS);

1 x 15 minutes *Renewal of skin cells (78)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 2.

### Complementary programs:

- Nail Fungus (Onychomycosis) (88)
- Detoxification - general program (397)
- General regeneration - recovery (596)
- Epidermophyton (543)
- Trichophyton - general program (542)

**Repeating the course of the session:** after 7-10 days.



## 76. Warts - general program

Warts are small, benign tumor-like growths. Warts can be transmitted through contaminated objects as well as through contact with a person who has them. Self-infection often occurs when the pathogen is transferred to other parts of the body. The main cause of warts is Human papillomavirus - general program. The source is both the infected person and the vector (without clear symptoms of the disease). The virus enters the body through small skin damage - scratches, wounds, cuts (even simply through skin-to-skin contact).

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Human papillomavirus - general program - program ogólny* (503) (section INFECTIOUS AGENTS);

1 x 15 minutes *Detoxification - general program* (397) (section Symptoms).

**Location of gel electrodes for the main and additional sessions:** no 2.

### Complementary programs:

- Blackhead (87)
- Normalization of the immune system (1)

**Repeat the Session Cycle:** after 10 days.

## 77. Hives, Blisters - general program

Blisters are a type of skin eruption. They can have various shapes and sizes and are usually firm to the touch. The program is used for blisters with a small wound surface.

**Main session:** 1 x 15 minutes every day for 7-10 days.

**Additional session:** 1 x 15 minutes *Renewal of skin cells* (78) (section Nosology).

### Complementary programs:

- Lymphatic drainage 1I (408)
- Burn - general program (432)

**Repeat the Session Cycle:** are held if necessary.

## 78. Renewal of skin cells

The program shows the highest effectiveness in skin regeneration during the recovery period after skin diseases. It is recommended to use in combination with specialized programs.

**Main session:** 1 x 15 minutes every day for 7-14 days.

**Location of gel electrodes for the main session:** no 2.

## 79. Hair loss (Alopecia)

Hair loss is an increased shedding of hair and insufficient growth of new hair. Factors causing diffuse hair loss include: endocrine disorders; taking certain medications (anticoagulants, cytostatics, thyroid drugs, retinoids, antipsychotic drugs - neuroleptics, and others); infectious disease; stress; contact with aggressive chemicals (thallium, mercury, chloroprene); nutritional disorders (protein, vitamin, mineral deficiency, especially iron). The program can be used for a long time.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Rejuvenating program (Anti - aging) (90)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 2.

### Complementary programs:

- Hair diseases - general program (74)
- Lymphatic drainage 1 (408)
- Detoxification - general program (397)
- Trichophyton - general program (542)
- Microsporum - general program (535)
- Normalization of the immune system (1)
- Normalization of the endocrine system functions (98)
- Improving blood circulation (618)
- Emotional harmony program (581)
- General regeneration - recovery (596)

**Repeating the course of the session:** after 5-7 days.

## 80. Hair loss patches (Alopecia Areata)

Localized hair loss is acquired hair loss in the form of rounded lesions of various sizes. It is recommended to use it together with other methods of treatment after consulting a doctor.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Hair diseases - general program (74)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 2.

### Complementary programs:

- Lymphatic drainage 1 (408)
- Detoxification - general program (397)
- Normalization of the immune system (1)
- Normalization of the endocrine system functions (98)
- Improving blood circulation (618)
- Emotional harmony program (581)

- General regeneration - recovery (596)

**Repeating the course of the session:** after 5-7 days.

## 81. Excessive sweating (Hyperhidrosis)

Hyperhidrosis is a pathological condition characterized by increased sweating that occurs independently of physical factors (heavy physical exertion, overheating, high air temperature, etc.). Symptoms of hyperhidrosis can appear on the head, face, palms, hands, underarms, feet, legs, and back. Excessive sweating often leads to skin irritations and creates a favorable environment for the multiplication of microorganisms.

**Main session:** 2 x 15 minutes every day for 7 days; then 1 x 15 minutes, for 10-14 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 2.

**Complementary programs:**

- Lymphatic drainage 1 (408)
- Overactive thyroid (hyperthyroidism) (119)
- Normalization of the endocrine system functions (98)
- Normalization of nervous system functions (184)

**Repeating the course of the session:** after 5-7 days.

## 82. Dermatitis - general program

Skin inflammation is a disease characterized by the appearance of an inflammatory state on the skin as a result of chemical, biological, and external factors. Skin infections, such as fungal infections, are not considered as skin inflammation. The process of treating skin inflammation aims to eliminate the causes that contributed to the development of the disease.

**Main session:** 1 x 15 minutes, 2 times a day for 10-14 days; then the program is used for a long time as a standalone program. **Additional session:** 1 x 15 minutes *Itchy skin (421)* (section Symptoms).

**Location of gel electrodes for the main and additional sessions:** no 2.

**Complementary programs:**

- Inflammatory process - general program (593)
- Renewal of skin cells (78)
- Hives, Blisters - general program (77)
- Allergic dermatitis - urticaria (5)
- Eczema - Eczema (84)

**Repeating the course of the session:** after if necessary 7 days.

## 83. Atopic dermatitis

Atopic dermatitis is a chronic skin disease with an allergic basis. Symptoms include large and pinpoint rashes on the skin, dryness, itching, and redness. In the acute form, symptoms are characterized by scaling, the appearance of scabs, a decrease in the elasticity of the dermis, and swelling. The main cause of its development is considered to be an allergic reaction to a food product or external irritants.

**Main session:** 1 x 15 minutes, 2 times a day for 5-7 days; later once a day for 7-10 days.

**Additional session:** 1 x 15 minutes *Itchy skin* (421) (section Symptoms);

1 x 15 minutes *Detoxification - general program* (397) (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 2.

### Complementary programs:

- Renewal of skin cells (78)
- Hives, Blisters - general program (77)
- Eczema - Eczema (84)

**Repeating the course of the session:** after if necessary 7 days.

## 84. Eczema - Eczema

This is a description of eczema, a skin disease characterized by the appearance of inflammation. The disease is characterized by constant relapses. Eczema usually starts on the head or face and gradually descends to the feet. It has four stages of development with characteristic features:

- 1- initial stage - characterized by redness of the skin and the appearance of intense itching;
- 2- subacute stage - characterized by the formation of fluid-filled blisters on the skin;
- 3- acute stage - characterized by the formation of serous wet areas in the place of the blisters;
- 4- chronic stage - characterized by the formation of crusts and the appearance of new lesions on healthy skin.

The causes of eczema include improper functioning of the immune system, susceptibility to allergies, lack of vitamins and minerals, gastrointestinal diseases, and harmful working conditions.

**Main session:** 1 x 15 minutes, 2 times a day for 7 days; later once a day for 10-14 days.

**Additional session:** 1 x 15 minutes *Itchy skin* (421) (section Symptoms).

**Location of gel electrodes for the main and additional sessions:** no 12, 13 or 14.

### Complementary programs:

- Renewal of skin cells (78)
- Hives, Blisters - general program (77)
- Atopic dermatitis (83)
- Normalization of the immune system (1)

- Detoxification - general program (397)
- Staphylococcus aureus (476)

**Repeating the course of the session:** after if necessary 7 days.

## 85. Erythema

Erythema manifests as varying degrees of skin redness, which occurs during psychoemotional states in a healthy person or indicates the presence of an inflammatory process in the body. Erythema is caused by the dilation of skin blood vessels. Its color ranges from pink to dark red. If you press on the erythema with your finger, it disappears and reappears when the pressure is released. The mechanism of erythema formation involves the dilation of blood vessels in response to physical stimuli (massage, pressure, friction, external application of ointments); pathological processes (allergies, burns, infections).

**Main session:** 1 x 15 minutes every day for 7-14 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms).

### Complementary programs:

- Bartonella (452)
- Borrelia (455)
- Reconstruction of capillaries / capillaries (595)
- Viruses - general program (494)
- Normalization of the immune system (1)
- Allergic problems - general program (2)

**Repeating the course of the session:** after if necessary 7 days.

## 86. Keloid scars

Keloid scars are nodular growths of rough fibrous connective tissue of the skin. They can develop spontaneously, but most commonly occur as a result of skin damage (mechanical, burns, or disease-related). Keloid scars are often a consequence of surgical treatment for other diseases. They are dense nodular structures with a pink, red, or bluish color, with a different shape, a shiny, smooth, rarely wrinkled surface. The skin around the keloid is tense and may be sparse. If the keloid is damaged, difficult-to-heal ulcers may develop. As they mature, they become paler, whiter, or take on the color of normal skin. In the initial stage of development, itching, increased sensitivity, and pain upon pressure may be felt.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Renewal of skin cells (78)* (section Nosology);

### Complementary programs:

- General regeneration - recovery (596)
- Reconstruction of capillaries / capillaries (595)

**Repeating the course of the session:** after 7-10 days.

## 87. Blackhead

A blackhead is a blocked sebaceous gland duct with sebum and keratinized epithelial scales. Blackheads can be open or closed. A closed blackhead doesn't come out and is simply palpable under the skin as a lump. An open blackhead comes out and becomes black (in the form of black dots) due to the oxidation of sebum. Blackheads are susceptible to inflammation, and then become blackheads and pimples. Non-inflammatory blackheads, weakly expressed, are considered a physiological norm. Inflammation of open blackheads occurs much less frequently due to the release of their contents onto the skin surface.

**Main session:** 1 x 15 minutes every day for 14 days.

**Complementary programs:**

- Renewal of skin cells (78)
- Inflammatory process - general program (593)

**Repeating the course of the session:** after 7-10 days.

## 88. Nail Fungus (Onychomycosis)

Nail Fungus (Onychomycosis) is a contagious fungal disease that affects the nails of the hands and feet and easily spreads to other people. The main causative agents are fungi from the genus *Trichophyton*, *Epidermophyton*, or *Microsporum*. Fungal colonies use keratin, which is one of the components of nails, hair, and the upper layer of the skin (epidermis), for growth and reproduction. A warm and constantly moist environment is an optimal environment for fungal colonies. The risk of infection increases in places where sanitary and epidemiological regulations are not observed. People with systemic diseases are particularly susceptible to fungal infections: diabetes, psoriasis, immunodeficiency states. Usually, the big toes are the first to suffer from the fungus.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Nail Fungus (Onychomycosis)* (538) (section FUNGI / MOLD);  
1 x 15 minutes *Nail diseases - general program* (75) (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 2.

**Repeat the Session Cycle:** after 10 days.

## 89. Lichen simplex chronicus

Lichen is a chronic skin disease characterized by intense itching and red inflammatory patches

on the skin. The main cause of the disease is a hereditary allergic predisposition, which can be influenced by hormonal, immune, liver, central and autonomic nervous system diseases, and other skin diseases. The disease can appear on any part of the skin, but more often on the forearms, elbow and knee folds, neck, genitals, and anus. Less commonly on the scalp. Usually, the cells are symmetrically distributed. At the beginning of the disease, the affected skin areas are not visible, but later redness appears. Scratching due to intense itching makes the skin dry and rough. Severe and prolonged course of the disease can lead to damage to the entire skin.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Itchy skin* (421) (section Symptoms);  
1 x 15 minutes Allergic problems - general program (2) (section Nosology).

#### **Complementary programs:**

- Eczema - Eczema (84)
- Normalization of the endocrine system functions (98)
- Liver detoxification (398)
- Normalization of nervous system functions (184)
- Metabolism normalization (94)
- Stress (288)
- Normalization of the immune system(1)

**Repeating the course of the session:** after 7-10 days.

## **90. Rejuvenating program (Anti - aging)**

The program helps accelerate the process of skin cell regeneration, production of natural collagen, and increasing skin tension. There are no contraindications, and it can be used for a long time.

**Main session:** 1 x 15 minutes, every day, od 14 days.

**Location of gel electrodes for the main and additional sessions:** no 2.

## **91. Psoriasis**

Psoriasis is an inflammatory disease characterized by the formation of nodules and plaques with distinct borders and silvery scales on the surface. A number of factors, including genetic factors, play a role in the development of the disease. The most common triggering factors are injuries, infectious diseases, and the use of certain medications. Symptoms are usually minimal, but itching of varying degrees of severity, from mild to severe, can develop. In some patients, severe forms of the disease develop, accompanied by joint damage with distinct joint changes (psoriatic arthritis). The diagnosis is based on the clinical picture and the location of the rash.

**Main session:** 1 x 15 minutes, 2 times a day for 10 days; later once a day for 14 days.

**Additional session:** 1 x 15 minutes *Itchy skin (421)* (section Symptoms);

1 x 15 minutes *Renewal of skin cells (78)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 2, 12, 13 or 14.

**Complementary programs:**

- Streptococcus - general program (479)
- Normalization of the immune system (1)
- Detoxification - general program (397)
- Normalization of the endocrine system functions (98)
- Metabolism normalization (94)
- Normalization of gastrointestinal function (12)
- Stress - (288)

**Repeating the course of the session:** after 7-10 days.

## 92. Furuncle (boil)

Furuncle (boil) is an acute purulent inflammation of the hair follicle, which spreads to the associated sebaceous gland and the surrounding subcutaneous fat tissue. The inflammatory process is caused by purulent microflora and is most commonly caused by *Staphylococcus aureus*. The disease can develop on any part of the skin with hair follicles, but is more common in areas susceptible to contamination and friction. In cases of frequent occurrence of boils, treatment of identified chronic diseases is recommended.

**Main session:** 1 x 15 minutes, 2 times a day for 5 days; later once a day for 10 days.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

**Complementary programs:**

- *Staphylococcus aureus*(476)
- Normalization of the immune system (1)
- Detoxification - general program (397)
- Chronic diseases - general program (620)

**Repeating the course of the session:** after 7-10 days.

## 93. Cellulite

Cellulite is a physiological change in the subcutaneous layer that manifests as an aesthetic defect. The main symptom of cellulite is the appearance of visual skin irregularities - „orange peel.“ Due to the loss of elasticity of collagen fibers, which are also part of the vessel wall, vascular symptoms (bruising, spider veins, edema) are possible in stages III and IV of cellulite. There are many causes of



cellulite, including hormonal changes in teenagers, during pregnancy and after childbirth; improper nutrition (excess easily digestible carbohydrates); stress and its associated hormonal disorders (elevated levels of cortisol, prolactin, and metabolic disorders); and a sedentary lifestyle.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);

**Location of gel electrodes for the main and additional sessions:** no 8.

**Complementary programs:**

- Streptococcus - general program(479)
- Bordetella (454)
- Detoxification - general program (397)
- Normalization of the endocrine system functions (98)
- Metabolism normalization (94)
- Normalization of gastrointestinal function (12)
- Obesity (113)
- Detoxification in obesity (405)

**Repeating the course of the session:** after 7-10 days.

# ENDOCRINOLOGY

The hormonal system is one of the main regulatory systems that affects the functioning of all body systems. The programs in this department are components of comprehensive treatment and must be combined with drug therapy recommended by an endocrinologist. Additional sessions are conducted taking into account the patient's complaints during the main session. The programs aim to prevent and treat complications, improve general well-being, and enhance the quality of life of individuals with endocrine disorders.

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot)	3. Induction loop or built-in inductor
2. Gel electrodes (self-adhesive applied topically to a specific zone).	4. Induction mat

## 94. Metabolism normalization

Metabolism refers to the set of changes that occur in substances from the time they are introduced into the digestive tract to the formation of final breakdown products that are excreted from the body. When metabolism is disrupted, various diseases, including obesity, can occur. The program is recommended as an additional measure to enhance the effect of the *Obesity (113) / Obesity - Enhanced Mode (114)* program.

**Main session:** 1 x 15 minutes, every day, 14 days.

**Repeat the Session Cycle:** after 7 days.

## 95. Normalization of adrenal function

The adrenal glands are small paired organs of the endocrine system whose main functions are to produce hormones regulating all life processes in the human body. These hormones include: glucocorticoids - responsible for energy exchange and metabolism; mineralocorticoids - involved in regulating the water-salt balance; estrogens and androgens - sex hormones; cortisol, adrenaline, and noradrenaline are stress and fear hormones. The program is prescribed by a doctor to improve the overall condition.

**Main session:** 1 x 15 minutes, every day, 7 days.

**Location of gel electrodes for the main session:** no 7.

**Repeat the Session Cycle:** after 7 days.

## 96. Normalization of parathyroid function

The parathyroid glands are human endocrine glands located on the back surface of the thyroid gland. The functional significance of the parathyroid glands is the regulation of calcium metabolism. They produce the protein hormone parathyroid hormone (parathyrin), which increases the level of calcium in the blood, reduces the level of phosphorus in the blood, and decreases the excretion of calcium by the kidneys. In the absence of this hormone, bone diseases, especially osteoporosis, develop in individuals. The program is used for the prevention and treatment of parathyroid diseases.

**Main session:** 1 x 15 minutes, every day, 7-14 days.

**Repeat the Session Cycle:** after 7 days.

## 97. Normalization of thyroid function

The thyroid is one of the most important endocrine glands in the body, and its faulty function disrupts the functioning of the entire organism. Its main function is to supply the body with an appropriate amount of thyroid hormones (thyroxine and triiodothyronine). They regulate processes of development and maturation, are extremely important for the development of the fetal brain, shaping the intelligence of the child, growth and maturation of the skeleton, reproductive system, affect the maturation of the uterus, menstrual function, and fertility (ability to conceive, carry and give birth to a child), control heat production, increase oxygen consumption, and the rate of metabolic reactions.

The program is used together with specialized programs for thyroid diseases to strengthen the effect of therapy and prevent complications.

**Main session:** 1 x 15 minutes, every day, 14 days.

**Location of gel electrodes for the main session:** no 3.

## 98. Normalization of the endocrine system functions

general program for normalizing endocrine glands. The program is used in comprehensive treatment of hormonal system disorders.

**Main session:** 1 x 15 minutes, every day, 7-14 days.

### Complementary programs:

- Chronic diseases - general program (620)
- Improving general well-being (617)
- Detoxification - general program (397)

## 99. Normalization of testicular function

The testicles are a pair of glands in males that produce male sex hormones. The program is used for various testicular disorders as an addition to specialized programs to enhance the therapy's effect.

**Main session:** 1 x 15 minutes, every day, 10-14 days.

## 100. Normalization of ovarian function

The ovaries are paired glands located on both sides of the uterus. They produce female sex hormones that depend on the menstrual cycle and the development of secondary sex characteristics. They also produce eggs, which are necessary for embryonic development.

The program is used in various ovarian diseases as an addition to specialized programs to enhance the effect of therapy.

**Main session:** 1 x 15 minutes, every day, 10-14 days.

## 101. Addison's disease

Addison's disease is a condition characterized by bilateral damage to the adrenal cortex and a decrease or elimination of adrenal hormone production. The disease occurs equally in men and women, more often in individuals aged 20-40. The causes of Addison's disease are autoimmune damage to adrenal tissue. In the early stages, the disease is not characterized by clear symptoms, and the patient's condition resembles more fatigue and exhaustion. You may suspect a problem if you experience the following symptoms: sudden loss of appetite and weight loss; constant feeling of fatigue; dizziness; low blood pressure readings; uncontrollable craving for salty foods; gastrointestinal disturbances (nausea, vomiting, diarrhea); hair loss. An important diagnostic symptom of Addison's disease is darkening of human skin to a brownish hue - „bronze disease". The goal of the program is to prevent the development of complications in Addison's disease and to alleviate clinical symptoms for more effective treatment of the disease.

**Main session:** 1 x 15 minutes, every day, 7-14 days.

**Additional session:** 1 x 15 minutes *Normalization of the endocrine system functions (98)* (section Nosology);

1 x 15 minutes *Normalization of adrenal function (95)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 7.

### Complementary programs:

- Chronic diseases - general program (620)
- Improving general well-being (617)
- Detoxification - general program (397)

## 102. Autoimmune Thyroiditis

Autoimmune Thyroiditis is a chronic autoimmune inflammatory pathology of the thyroid characterized by destruction of the thyroid parenchyma. The following main causes of autoimmune thyroiditis are distinguished: inflammatory processes in the thyroid parenchyma; chronic infections in the body; uncontrolled medication use; ingestion of large amounts of iodine in any form; frequent stress; genetic predisposition. The symptoms of autoimmune thyroiditis are associated with thyroid dysfunction: increased or insufficient production of hormones. The main symptoms are: depressive state, lethargy; hair loss; dry skin; impaired memory; resting tachycardia; frequent mood swings; unexplained changes in body weight (increase in hypothyroidism and rapid decrease in thyrotoxicosis); constant fatigue even after long sleep. The aim of the program is to prevent complications in autoimmune thyroiditis and to alleviate clinical symptoms for more effective treatment.

**Main session:** 1 x 15 minutes every day for 10-14 days

**Additional session:** 1 x 15 minutes *Normalization of the endocrine system functions (98)* (section Nosology);

1 x 15 minutes *Normalization of thyroid function (97)* (section Nosology);

1 x 15 minutes *Autoimmune Problems - general program (3)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 3.

### Complementary programs:

- Improving general well-being (617)
- Normalization of the immune system (1)
- Emotional harmony program (581)
- Regulation of the menstrual cycle (68)
- Metabolism normalization (94)
- Obesity (113)
- Neurocirculatory dystonia (vegetative-vascular) (168)
- Tachycardia, Tachycardia paroxysmal (175)
- Improving the appetite (412)
- Deterioration of appetite (411)
- Constipation (420)
- Diarrhea (419)
- Fatigue - general program (443)

**Repeating the course of the session:** after 7-10 days.

## 103. Restoration of hormonal balance in women

A program for comprehensive therapy of primary causes that have caused hormonal imbalances in women. It is used in such diseases as painful menstruation, absence of menstruation (amenor-

rhea), mastopathy, infertility, polycystic ovaries, etc.

**Main session:** 1 x 15 minutes, every day, 7-14 days.

**Additional session:** 1 x 15 minutes *Improving general well-being (617)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 2.

## 104. Restoration of hormonal balance in men

A program for comprehensive therapy of primary causes that have led to hormonal disorders in men. It is used in conditions such as male infertility, prostate gland diseases, etc.

**Main session:** 1 x 15 minutes, every day, 7-14 days.

**Additional session:** 1 x 15 minutes *Improving general well-being (617)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 2.

## 105. Gynecomastia, male breast enlargement

Gynecomastia is a unilateral or bilateral enlargement of breast glands in men. The causes of the disease are a disturbance in the percentage ratio of male and female sex hormones or a decrease in tissue sensitivity to testosterone. Gynecomastia is manifested by visible enlargement of the breast gland, thickening of its tissue, a feeling of heaviness, and painful sensations in the chest area. On average, the breast size is about 4 cm, but it can range from 2 to 10 cm. The pathological process associated with hyperprolactinemia is also accompanied by disorders of sexual function in men (change in semen composition, erectile dysfunction).

**Main session:** 1 x 15 minutes, every day, 7-14 days.

**Additional session:** 1 x 15 minutes *Restoration of hormonal balance in men (104)* (section Nosology);

1 x 15 minutes *Normalization of the endocrine system functions (98)* (section Nosology);

**Complementary programs:**

- Improving general well-being (617)
- Detoxification - general program (397)

**Repeat the Session Cycle:** after 7 days.

## 106. Pituitary gland - balance

The pituitary gland is the main regulator of the endocrine system. It is responsible for producing growth hormones, as well as metabolic processes and reproductive functions. The program is designed to address hormonal imbalances in sex hormones, infertility, thyroid diseases, and lipid metabolism disorders. Excessive stimulation of the pituitary gland can lead to undesirable consequences, so this program is prescribed for short sessions and only under medical supervision. Use with caution.

**Main session:** 1 x 15 minutes every day for 5 days.

**Complementary programs:**

- Normalization of nervous system functions (184)
- Chronic diseases - general program (620)
- Improving general well-being (617)

## 107. Diabetic foot

Diabetic foot is the most serious complication of diabetes, which can lead to the development of ulcers and even amputations. Identifying risk, strict glycemic control, comprehensive therapy, preventive measures, and prompt diagnosis can minimize complications.

The program has no contraindications and can be used for a long time.

**Main session:** 1 x 15 minutes every day for 14-30 days.

**Additional session:** 1 x 15 minutes *Lymphatic drainage 1* (408) (section Symptoms);  
1 x 15 minutes *Microcirculation disorders in diabetes* (112) (section Nosology).

**Complementary programs:**

- Normalization of the endocrine system functions (98)
- Improving blood circulation (618)
- Chronic diseases - general program (620)
- Improving general well-being (617)

## 108. Graves' disease

Graves' disease is an autoimmune disease characterized by excessive secretion of thyroid hormones into the bloodstream. This condition is called thyrotoxicosis. Symptoms of thyrotoxicosis include: palpitations at rest, enlargement of the thyroid gland, enlargement of the eyes (proptosis), sweating, tremors of the hands, irritability, agitation, insomnia, changes in appetite, weight loss.

**Main session:** 1 x 15 minutes every day for 14 days

**Additional session:** 1 x 15 minutes *Normalization of the endocrine system functions* (98) (section Nosology);

1 x 15 minutes *Normalization of thyroid function* (97) (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 3.

**Complementary programs:**

- Improving general well-being (617)
- Overactive thyroid (hyperthyroidism) (119)
- Sleep regulation - insomnia (287)
- Internal anxiety and fear (633)

## 109. Endemic goiter

Endemic goiter is an enlargement of the thyroid gland caused by iodine deficiency. It is an important factor in the development of many thyroid diseases, particularly nodular goiters. The clinical picture of the disease depends on the functional characteristics of the thyroid. In the early stages, it is most commonly manifested by weakness, headaches, low physical endurance, and discomfort in the area of the heart. As the disease progresses, these symptoms are accompanied by attacks of breathlessness, dry cough, difficulty breathing and swallowing, and a feeling of pressure in the neck area.

**Main session:** 1 x 15 minutes every day for 10-14 days

**Additional session:** 1 x 15 minutes *Normalization of the endocrine system functions (98)* (section Nosology);

1 x 15 minutes *Normalization of thyroid function (97)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 3.

### Complementary programs:

- Improving general well-being (617)
- Headache - general program (388)
- Emotional harmony program (581)
- Normalization of heart function (156)
- Cough - general program (424)
- Hypoxia (416)

## 110. Pineal gland - balance

The pineal gland properly supports the circadian rhythm and sleep patterns; slows down sexual development in teenagers; slows down the release of excess growth hormone before puberty; inhibits tumor growth; increases immunity. Functioning as a gland, the pineal gland provides the human body with hormones:

- **melatonin** (promotes full, deep sleep, stable mental state, normalizes blood pressure, lowers blood glucose and cholesterol levels);
- **serotonin** - „happiness hormone” (improves the mental and emotional state of a person, facilitates physical activity and performs other functions);
- **histamine** (supports the vital functions of the body);
- **norepinephrine** (affects the metabolic functions of the body and regulates blood pressure);
- **peptide hormones** (stimulate gonadal function, normalize reproductive function in women, and regulate the duration of the menstrual cycle).

The program is prescribed for short cycles and only under medical supervision. Use with caution.

**Main session:** 1 x 15 minutes every day for 5 days.



### Complementary programs:

- Chronic diseases - general program (620)
- Improving general well-being (617)

## 111. Metabolic syndrome

Metabolic syndrome is a set of symptoms based on metabolic disorders. It is characterized by the presence of the following symptoms: insulin resistance, lipid metabolism disorders, high blood pressure, abdominal obesity. The aim of therapy is to reduce the risk of serious heart and diabetes diseases. The program is used as a supplement to other methods of treating and preventing metabolic syndrome (physical activity, low-fat diet).

**Main session:** 1 x 15 minutes every day for 10-14 days

**Additional session:** 1 x 15 minutes *Normalization of the endocrine system functions (98)* (section Nosology);

1 x 15 minutes *Metabolism normalization (94)* (section Nosology);

### Complementary programs:

- Type II diabetes (117)
- High Blood Pressure (Hypertension) (159)
- Dyslipidemia (161)
- Deterioration of appetite (411)
- Lymph cleansing (603)
- Emotional harmony program (581)
- Lymphatic drainage 1 (408)

## 112. Microcirculation disorders in diabetes

Prolonged inadequate control of glucose levels leads to many complications, mainly related to damage to small and/or large blood vessels (micro- and macroangiopathy). Damage to microvessels is the basis of three common and severe symptoms of diabetes: retinopathy, nephropathy, neuropathy. Damage to microvessels is also associated with poor wound healing; even minor skin damage can result in deep ulcers that are easily infected, especially on the legs. Intensive glycemic control can prevent or delay many complications. The aim of the program is to treat and prevent complications of diabetes and improve overall health.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms).

### Complementary programs:

- Diabetic foot (107)

- Diabetic retinopathy (257)
- Normalization of the endocrine system functions (98)
- Improving blood circulation (618)
- Chronic diseases - general program (620)
- Improving general well-being (617)

**Repeat the Session Cycle:** after 7 days.

## 113. Obesity

Obesity to increase in body weight caused by the accumulation of adipose tissue. Obesity can have a nutritional character (caused by overeating and a sedentary lifestyle) or an endocrine character (caused by hormonal disorders in the body). In the case of endocrine-related obesity, therapy should be carried out together with specialized programs after consultation with a doctor.

**Main session:** 1 x 15 minutes every day for 14-20 days.

**Additional session:** 1 x 15 minutes *Normalization of the endocrine system functions (98)* (section Nosology);

1 x 15 minutes *Metabolism normalization (94)* (section Nosology);

1 x 15 minutes *Detoxification in obesity (405)* (section Symptoms);

### Complementary programs:

- Deterioration of appetite (411)
- Metabolic syndrome (111)
- Normalization of gastrointestinal function (12)
- Lymph cleansing (603)
- Type II diabetes (117)
- Cushing's syndrome (115)
- Thyroid - hypothyroidism (120)
- Emotional harmony program (581)
- Lymphatic drainage 1 (408)
- High Blood Pressure (Hypertension) (159)

**Repeat the Session Cycle:** after 7 days.

## 114. Obesity - Enhanced Mode

Use the program only in cases where the degree of obesity is greater than III and/or there is no effect of treatment with the *Obesity program* (113).

**Main session:** 1 x 15 minutes every day for 14 days.

1 x 15 minutes *Detoxification in obesity (405)* (section Symptoms);

### Complementary programs:

- Liver detoxification (398)
- Bowel detoxification (394)

## 115. Cushing's syndrome

Cushing's syndrome is a group of clinical symptoms resulting from an increase in the level of glucocorticosteroids (hormones produced by the adrenal cortex) in the body. The causes of Cushing's syndrome are divided into 2 types: exogenous (caused by taking external glucocorticosteroids) and endogenous (cortisol is produced by the body in amounts that exceed physiological norms). Symptoms of Cushing's syndrome include increased appetite, tendency to bruises and swelling, wide red or blue stretch marks, gradual muscle wasting of the limbs, menstrual cycle disturbances in women, impotence in men, accumulation of fat in the abdominal area, neck (the so-called buffalo hump) and above the collarbones. A specific symptom of Cushing's syndrome is the moon-shaped face of the patient.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Normalization of the endocrine system functions (98)* (section Nosology);

1 x 15 minutes *Normalization of adrenal function (95)* (section Nosology);

1 x 15 minutes *Pituitary gland - balance (106)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 7.

### Complementary programs:

- Improving general well-being (617)
- Chronic diseases - general program (620)
- Obesity (113)
- Regulation of the menstrual cycle (68)
- Metabolism normalization (94)
- Erectile dysfunction (impotence) (344)
- Deterioration of appetite (411)
- Edema - general program (437)

**Repeat the Session Cycle:** after 7 days.

## 116. Type I diabetes

Diabetes is a metabolic disease characterized by hyperglycemia (elevated blood glucose level) resulting from a disturbance in the secretion or action of insulin. Early symptoms include polydipsia (excessive thirst), polyphagia (increased appetite, constant hunger), polyuria (excessive urination) and narrowed field of vision. In type 1 diabetes, insulin is not produced due to autoim-

mune destruction of the beta cells of the pancreas. It usually manifests in childhood and adolescence, but this type of diabetes also occurs in adults. The development of type 1 diabetes is often associated with infection by many viruses (including Coxsackie virus, rubella, Epstein-Barr virus, and retroviruses). VIRUSES can directly infect and destroy beta cells. Diet also plays a role in the development of type 1 diabetes. The risk of type 1 diabetes increases when children are fed dairy products (especially cow's milk and beta-casein from cow's milk protein), with high levels of nitrates in drinking water and a lack of vitamin D in the diet. Prevention programs and complications therapy for diabetes contribute to improving the general condition and quality of life of the patient.

**Main session:** 1 x 15 minutes every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Normalization of pancreatic function (16)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 2, 10 or 14.

**Complementary programs:**

- Chronic diseases - general program (620)
- Improving general well-being (617)
- Microcirculation disorders in diabetes (112)

**Repeating the course of the session:** use the program together with glucose control.

## 117. Type II diabetes

In type 2 diabetes, insulin secretion is insufficient because patients have developed insulin resistance. Insulin levels are often very high, especially early in the disease. In later stages, insulin production may decrease, further increasing hyperglycemia. The disease typically develops in adulthood, and the prevalence increases with age; impaired glucose tolerance occurs in up to one-third of adults over 65 years of age. Obesity and weight gain are important conditions for the development of insulin resistance in type 2 diabetes. Genetic factors may underlie obesity, but diet, exercise intensity, and overall lifestyle also play an important role. Adipose tissue also functions as an endocrine organ, secreting many factors that positively or negatively affect glucose metabolism.

**Main session:** 1 x 15 minutes every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Normalization of pancreatic function (16)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 2, 10 or 14.

**Complementary programs:**

- Chronic diseases - general program (620)
- Improving general well-being (617)
- Microcirculation disorders in diabetes (112)

**Repeating the course of the session:** use the program together with glucose control.

## 118. Diabetes in children

The program is intended for the therapy and prevention of diabetes complications in children. Use only in case of accurate diagnosis and after consultation with a doctor.

**Main session:** 1 x 15 minutes every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Normalization of pancreatic function (16)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 2, 10 or 14.

### Complementary programs:

- Chronic diseases - general program (620)
- Improving general well-being (617)
- Microcirculation disorders in diabetes (112)

**Repeating the course of the session:** use the program together with glucose control.

## 119. Overactive thyroid (hyperthyroidism)

The symptoms accompanying hyperthyroidism include: increased heart rate, trembling fingers, increased sweating, elevated body temperature, irritability, moodiness, weight loss with increased appetite, sometimes lethargy, teary eyes, eye discomfort, changes in the menstrual cycle, frequent bowel movements including diarrhea. In some cases, the disease may be asymptomatic for some time.

**Main session:** 1 x 15 minutes every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Normalization of the endocrine system functions (98)* (section Nosology);

1 x 15 minutes *Normalization of thyroid function (97)* (section Nosology);

1 x 15 minutes *Pituitary gland - balance (106)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 3.

### Complementary programs:

- Improving general well-being (617)
- Chronic diseases - general program (620)
- Diarrhea (419)
- Regulation of the menstrual cycle (68)
- Metabolism normalization (94)
- Emotional harmony program (581)
- Improving the appetite (412)
- Tachycardia, Tachycardia paroxysmal (175)

## 120. Underactive thyroid (hypothyroidism)

In hypothyroidism - reduced thyroid function - the following symptoms can be suspected: frost-bite in comfortable ambient temperatures, dry skin, brittle nails, hair loss, weight gain, weakness, drowsiness, reduced ability to work, lethargy, apathy, depression, slow heart rate, swelling, memory disturbances, menstrual cycle disorders.

**Main session:** 1 x 15 minutes every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Normalization of the endocrine system functions (98)* (section Nosology);

1 x 15 minutes *Normalization of thyroid function (97)* (section Nosology);

1 x 15 minutes *Pituitary gland - balance (106)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 3.

### Complementary programs:

- Improving general well-being (617)
- Chronic diseases - general program (620)
- Constipation (420)
- Regulation of the menstrual cycle (68)
- Metabolism normalization (94)
- Emotional harmony program (581)
- Deterioration of appetite (411)
- Fatigue - general program (443)

# INFECTIOUS AND SEASONAL DISEASES

This is a large group of diseases caused by the interaction of various pathogenic or opportunistic biological agents (bacteria, fungi, viruses, prions, parasites) with the human body. Classification of infectious diseases:

- intestinal infections (fecal-oral route of infection);
- respiratory tract infections (airborne transmission);
- blood infections (vector-borne);
- infections of external skin surfaces (direct wounds).

Infectious diseases are treated under mandatory medical supervision.

Programs in this area are used both during the period of illness and in prophylaxis after contact with the sick person as well as during convalescence.

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot)	3. Induction mat - dla wzmocnienia efektu
2. Gel electrodes (self-adhesive applied topically to a specific zone).	

## 121. Venereal infections - general program

Sexually transmitted diseases are a group of infectious diseases mainly transmitted through sexual contact. These include syphilis, gonorrhea, chlamydia, trichomoniasis, and genital mycoplasmosis. This program is the basis of comprehensive therapy for sexually transmitted diseases. The full cycle consists of several stages, depending on the stage of the disease.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms); 1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

**Preventive session:** 1 x 15 minutes 2-3 times a day for 3-5 days. Prophylaxis should be started within the first 24 hours after contact with the patient.

### Complementary programs:

- Urinary tract infections (330)
- Itchy skin (421)
- Intoxication by removing toxins (410)

### W zależności od czynnika sprawczego:

- Chlamydia - general program (488)
- Trichomoniasis (485)

- *Treponema pallidum* (483)
- Gonorrhea split (457)
- Herpesvirus - general program (505)
- *Mycoplasma* - general program (467)

**Repeat the Session Cycle:** after 7 days.

## 122. Fungal infections - general program

Fungal infections (mycosis) are human diseases caused by pathogenic fungi. This program is a general-purpose program used in comprehensive therapy or prophylaxis. The course of therapy is lengthy and depends on the clinical symptoms of the disease.

**Main session:** 1 x 15 minutes, every day for 14 - 30 days, every 7 days a mandatory break of at least 1-2 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program* (397) (section Symptoms); 1 x 15 minutes *Normalization of the immune system* (1) (section Nosology).

**Repeating the course of the session:** after if necessary 7-10 days.

## 123. Gastrointestinal infections - general program

Acute gastrointestinal infections are one of the most common infectious diseases that can lead to serious complications, especially in children. Gastrointestinal infections are transmitted through consuming contaminated food and water while swimming in contaminated water bodies, through dirty hands and household items. The most common infectious agents of gastrointestinal infections are found in raw animal-origin food (meat, eggs, unpasteurized milk, seafood), unwashed fruits and vegetables. The most common symptoms of acute gastrointestinal infections are weakness, fever, abdominal pain, vomiting, and diarrhea.

**Main session:** 1 x 15 minutes, 2-3 times a day for 5-7 days; later once a day for 10 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program* (397) (section Symptoms); 1 x 15 minutes *Normalization of gastrointestinal function* (12) (section Nosology).

**Preventive session:** 1 x 15 minutes 2 times a day for 3 days.

**Location of gel electrodes for the main and additional sessions:** no 11.

**Complementary programs:**

- Diarrhea (419)
- Vomiting (439)
- Bowel detoxification (394)
- Intoxication by removing toxins (410)
- Meteorism, abdominal distension (427)



- Normalization of the immune system (1)

**Depending on the etiology:**

- Shigella (491)
- Yersinia (459)
- Salmonella (473)
- Colon bacillus (460)
- Clostridium (462)

Repeat the session if necessary.

## 124. Skin or mucous membrane infections - general program

Infectious diseases that develop as a result of pathogens penetrating through previously damaged skin or mucous membranes. These diseases include leptospirosis, cat scratch disease, distemper, and others.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

**Complementary programs:**

- Detoxification - general program (397)
- Inflammatory process - general program (593)

**Repeating the course of the session:** if necessary.

## 125. Neurological infections - general program

The causative agents of neurological infections can mainly be the following viruses: tick-borne encephalitis virus, flaviviruses, Measles virus, Mumps virus, Rubella virus, enteroviruses, HIV, Epstein-Barr virus, influenza virus; fungi: Candida, Cryptococcus neoformans, Aspergillus.

**Main session:** 1 x 15 minutes, 2-3 times a day for 5-7 days; later once a day for 10 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms); 1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

**Preventive session:** 1 x 15 minutes 2 times a day for 3 days.

**Complementary programs:**

- Inflammatory process - general program (593)
- Normalization of nervous system functions (184)
- General regeneration - recovery (596)

## 126. Food poisoning - general program

The diagnosis of food poisoning indicates that the cause of the illness is microorganisms and their

toxins present in the food consumed by the patient. These may be pathogenic strains of *Escherichia coli*, *Proteus*, staphylococci, streptococci, Clostridia - botulism, and anaerobic bacteria. The program aims to remove the intoxication in the case of mild poisoning. In case of severe abdominal pain or cramps, signs of severe dehydration, or a strong heartbeat, immediate hospitalization is necessary.

**Main session:** 1 x 15 minutes, 3 times a day, for 1-2 days.

**Additional session:** 1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology).

**Complementary programs:**

- General digestive disorders (438)
- Nausea (440)
- Diarrhea (419)
- Vomiting (439)
- Meteorism, abdominal distension (427)
- Abdominal pain (367)
- Restoration of water-salt metabolism (594)

## 127. Respiratory infections - general program

The general program for the therapy of respiratory tract infections, accompanied by moderate general intoxication and damage to the respiratory tract, conjunctiva, and lymph nodes. Respiratory tract infections are the most common infectious diseases affecting all age groups. Different groups of viruses have the largest share in the etiological structure of respiratory tract infections: influenza, parainfluenza, adenovirus, respiratory syncytial virus, picornavirus, coronavirus, reovirus, enterovirus, herpesviruses; as well as bacterial microorganisms: mainly conditionally pathogenic staphylococcal microflora, legionella, mycoplasma, chlamydia. Diseases in this group include measles, rubella, whooping cough (pertussis), chickenpox, infectious mononucleosis, ornithosis, flu, and other acute respiratory diseases, meningococcal disease, sore throat, scarlet fever, diphtheria, and Legionnaires' disease. The program is used from the first day of illness until recovery and is essential in the case of acute respiratory viral infections, influenza, and pneumonia.

**Main session:** 1 x 15 minutes 3-4 times a day for 3 days; later once a day for 5-7 days.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF); 1 x 15 minutes *Improving general well-being (617)* (section PEMF).

**Preventive session:** 1 x 15 minutes 2 times a day for 2 days.

**Location of gel electrodes for the main and additional sessions:** no 3.

**Complementary programs:**

- Throat and lymph nodes - general program (236)
- Nasal infections, nasal congestion (243)

- Normalisation of Lymphatic System Flows (155)
- Normalization of the immune system (1)

## 128. Adenoviral infection

Adenovirus infection is an acute viral illness from the SARS group. The causative agent is Adenoviruses, which affect the mucous membranes of the eyes, respiratory tract, gastrointestinal tract, and lymphatic tissue. The infection occurs more commonly in children. The viruses cause fever and symptoms of the upper respiratory tract, including sore throat, middle ear infection (otitis media), cough, and inflammation of the tonsils with enlarged cervical lymph nodes.

**Main session:** 1 x 15 minutes, every day, 2 times a day for 5-7 days.

**Additional session:** 1 x 15 minutes *Adenovirus* (495) (section INFECTIOUS AGENTS / VIRUSES);  
1 x 15 minutes *Inflammatory process - general program* (593) (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 3.

### Complementary programs:

- Respiratory infections - general program (127)
- Pink eye (conjunctivitis) (259)
- Runny nose (Rhinitis) (247)
- Inflammation of the throat and tonsils (Pharyngitis and tonsillitis) (251)
- Throat and lymph nodes - general program (236)
- Normalisation of Lymphatic System Flows (155)

## 129. Erysipelas

Erysipelas is an infectious disease caused by beta-hemolytic streptococci, characterized by a predominant skin and mucous membrane lesion with a serosanguineous character. The disease occurs more frequently in women (especially after the age of 50), has a tendency to recur, and ranks 4th in terms of frequency among acute infections. Erysipelas occurs in acute or chronic form. The chronic form develops in older people with immune deficiency, diabetes, chronic alcoholism, fungal skin infections, damage to the venous system of the limbs, and impaired lymphatic drainage (e.g. after mastectomy, pelvic surgery, or vascular bypass surgery). The tendency to develop erysipelas has a genetic component and is one of the variants of the inherited response to streptococci.

**Main session:** 1 x 15 minutes, 4-6 times a day for 10 days; later 2 times a day for 14 days.

**Additional session I - 10 days:**

1 x 15 minutes *Streptococcus pyogenes beta-haemolyticus (480)* (section INFECTIOUS AGENTS / Bacteria);

1 x 15 minutes *Detoxification of bacterial infections (401)* (section Symptoms);

1 x 15 minutes *Fungal infections - general program (122)* (section Nosology).

**Additional session II - 14 days:**

1 x 15 minutes *Normalisation of Lymphatic System Flows (155)* (section Nosology);

1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);

1 x 15 minutes *Skin regeneration (608)* (section PEMF);

**Location of gel electrodes for the main and additional sessions:** no 12, 13 or 14.

**Preventive session:** 1 x 15 minutes 2 times a day for 5 days.

**Complementary programs:**

- Itchy skin (421)
- Varicose veins (158)
- Thrombophlebitis (362)
- Chronic diseases - general program (620)
- Blastocystis hominis (453)
- Normalization of the immune system (1)
- Renewal of skin cells (78)

**Repeated Session Flow:** in case of relapses.

## 130. Chickenpox

Chickenpox - is a viral disease that most commonly occurs in children and is characterized by moderate general intoxication, a rash predominantly made up of vesicles, and long-term persistence of the virus in the body in a latent form - an infection that, when reactivated, turns into Shingles (Zoster). The disease is highly contagious and is transmitted through airborne droplets. The incubation period of chickenpox is 11-21 days, typically 14 days. Patients with mild, uncomplicated cases of chickenpox are treated at home.

**Main session:** 1 x 15 minutes every day 4 times a day for 5 days, later 2 times a day for 3 days.

**Additional session:** 1 x 15 minutes *Human Herpesvirus 3 (smallpox, shingles) (508)* (section INFECTIOUS AGENTS);

1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);

1 x 15 minutes *Detoxification of viral infections (402)* (section Symptoms).

**Preventive session:** 1 x 15 minutes once a day for 11 days.

**Complementary programs:**

- Improving general well-being (617)
- Itchy skin (421)
- Normalization of nervous system functions (184)
- General regeneration - recovery (596)
- Normalisation of Lymphatic System Flows (155)
- Normalization of the immune system (1)

## 131. Hepatitis - general program

Comprehensive program for all types of viral hepatitis used to alleviate the general condition.

**Main session:** 1 x 15 minutes every day for 7-30 days.

**Additional session:** 1 x 15 minutes *Liver detoxification* (398) (section Symptoms);  
1 x 15 minutes *Normalization of liver function* (15) (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 9.

### Complementary programs:

- Detoxification - general program (397)
- Inflammatory process - general program (593)
- Hepatomegaly (22)
- Abdominal pain (367)
- General regeneration - recovery (596)
- Chronic diseases - general program (620)

## 132. Hepatitis A

Hepatitis A is an acute infectious disease belonging to the group of viral hepatitis, characterized by a fecal-oral transmission mechanism, usually asymptomatic and without jaundice, rarely with short-term jaundice. Infected persons are isolated. Persons who have had contact with the patient are subject to clinical observation within 35 days of contact.

**Main session:** 1 x 15 minutes, every day, 3 times a day, po 7; then 2 times a day - 7 days; later once a day for 14 days.

**Additional session:** 1 x 15 minutes *Hepatitis A virus* (496) (section INFECTIOUS AGENTS / VIRUSES);

1 x 15 minutes *Liver detoxification* (398) (section Symptoms);

1 x 15 minutes *Nausea* (440) (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 9.

**Preventive session:** 1 x 15 minutes 2-3 times a day for 14 days. Prophylaxis should be started within the first 48 hours after contact with the patient.

### Complementary programs:

- Jaundice (25)
- Detoxification of viral infections (402)
- Inflammatory process - general program (593)
- Gastrointestinal infections - general program (123)
- Hepatomegaly (22)
- Normalization of liver function (15)
- Abdominal pain (367)
- General regeneration - recovery (596)

## 133. Hepatitis B

Anthropogenic viral infectious disease mainly transmitted through percutaneous and sexual routes. It is characterized by spread, cyclic course, high incidence rate, severity of the course, development of chronic hepatitis, and cirrhosis of the liver. The incubation period lasts from 45 to 180 days.

**Main session:** 1 x 15 minutes, every day, 3 times a day po 14; then 2 times a day - 14 days; later 1 once a day for dwa months. In case of exacerbation of the disease 1 x 15 minutes 3 times a day to improve the general condition.

**Additional session:** 1 x 15 minutes *Hepatitis B virus* (497) (section INFECTIOUS AGENTS / VIRUSES);

1 x 15 minutes *Liver detoxification* (398) (section Symptoms);

1 x 15 minutes *Hepatomegaly* (22) (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 9.

### Complementary programs:

- Jaundice (25)
- Nausea (440)
- Meteorism, abdominal distension (427)
- Gastrointestinal infections - general program (123)
- Chronic hepatitis (21)
- Chronic diseases - general program (620)
- Intoxication by removing toxins (410)
- Normalization of liver function (15)
- Abdominal pain (367)
- Normalization of the immune system (1)
- Itchy skin (421)
- Liver fibrosis (39)
- Cell regeneration (607)

**Repeating the course of the session:** w ciągu roku co 2-3 months.

## 134. Hepatitis C

Hepatitis C is an infectious disease with a contact mechanism of pathogen transmission, which is mostly characterized by a chronic course, predominant liver damage, and serious consequences. Unfortunately, most cases of primary hepatitis C virus infection are asymptomatic, so today about 80% of patients are diagnosed with hepatitis only at the stage of the chronic process. The program is used in the comprehensive therapy of hepatitis C.

**Main session:** 1 x 15 minutes, every day, 2 times a day for month; następnie 1 once a day stale.

**Additional session:** 1 x 15 minutes *Hepatitis C virus* (498) (section INFECTIOUS AGENTS / VIRUSES);

1 x 15 minutes *Liver detoxification* (398) (section Symptoms);

1 x 15 minutes *Hepatomegaly* (22) (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 9.

### Complementary programs:

- Jaundice (25)
- Nausea (440)
- Exhaustion of the body (423)
- Chronic hepatitis (21)
- Chronic diseases - general program (620)
- Intoxication by removing toxins (410)
- Normalization of liver function (15)
- Abdominal pain (367)
- Normalization of the immune system (1)
- Itchy skin (421)
- Liver fibrosis (39)
- Cell regeneration (607)

**Repeating the course of the session:** during the year every 2-3 months.

## 135. Viral pneumonia 1

Universal program for acute respiratory tract infections. SARS usually starts gradually and is accompanied by a general feeling of malaise. There are many different viruses that can cause SARS, so the form of the disease in each specific case depends on which virus a person is infected with. Typically, these VIRUSES are most active in the cold months of the year and mainly attack the mucous membranes of the upper respiratory tract. The most common factors causing SARS are rhinoviruses. The complication of SARS is usually inflammation of the nasal and middle ear passages.

SARS can cause or exacerbate symptoms of some chronic respiratory diseases, such as asthma.

**Main session:** 1 x 15 minutes 3-4 times a day for 3-5 days.

**Additional session:** 1 x 15 minutes *Rhinoviruses - general program (515)* (section INFECTIOUS AGENTS);

1 x 15 minutes *Runny nose (Rhinitis) (247)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 3, 4.

**Complementary programs:**

- Inflammation of the throat and tonsils (Pharyngitis and tonsillitis) (251)
- Nasal infections, nasal congestion (243)
- Inflammatory process - general program (593)
- Adenovirus (495)
- Sinus inflammation (Sinusitis) (248)

## 136. Flu - general program

The flu is an acute infectious disease with periodic epidemics, characterized by damage to the upper respiratory tract with a predominance of tracheitis and bronchitis, accompanied by severe intoxication and fever. Patients complain of headaches with a location in the forehead, eyes, eyebrows, general weakness, sweating, muscle aches, sleep disturbances, and dizziness. The temperature rises to 39-40 °C and can last up to 5 days. Later, symptoms such as a runny nose, sore throat, dry cough, discomfort behind the sternum, nasal mucosa congestion, and hoarseness develop. After 2-3 days, a runny nose and painful cough appear. Complications can be caused by the direct action of the virus or secondary microflora. The incubation period lasts from 6 hours to 3 days.

**Main session:** 1 x 15 minutes 3-4 times a day for 5 days; then 1 time within 5 days.

**Additional session:** 1 x 15 minutes *Flu virus - general program (499)* (section INFECTIOUS AGENTS / VIRUSES);

1 x 15 minutes *Detoxification of viral infections (402)* (section Symptoms);

**Location of gel electrodes for the main and additional sessions:** no 3, 4.

**Preventive session:** 1 x 15 minutes 2 times a day for 3 days.

**Complementary programs:**

- Nasal infections, nasal congestion (243)
- Inflammatory process - general program (593)
- Headache - general program (388)
- Sinus inflammation (Sinusitis) (248)
- Tracheitis and bronchitis 9304)
- Cough - general program (424)
- Middle ear infection (Otitis media) (245)



## 137. Dermatomycosis - mycosis of the feet, hair and nails

Dermatomycosis (fungal skin infection) is a skin disease. The causative agent of the disease is a fungus from the genus *Microsporum* or *Trichophyton*. A person can become infected with them both from another person and from an animal. Timely treatment of the disease is important to prevent the development of complications.

**Main session:** 1 x 15 minutes every day for month; the course of the session should last about 7-10 days after the last symptoms disappear

**Additional session:** 1 x 15 minutes *Microsporum - general program (535)* or *Trichophyton - general program (542)* (section INFECTIOUS AGENTS);

1 x 15 minutes *Detoxification of fungal infections (403)* (section Symptoms);

**Repeating the course of the session:** after 10-14 days.

**Complementary programs:**

- Renewal of skin cells (78)
- Nail diseases - general program (75)

## 138. Infectious mononucleosis

Infectious mononucleosis is an acute infectious disease caused by the Epstein-Barr virus. The disease is characterized by fever, damage to the lymphatic system, a cyclic course, angina, inflammation of the throat, as well as enlargement of the liver and spleen.

**Main session:** 1 x 15 minutes every day 3-4 times a day for 7 days, later 2 times a day for 7 days.

**Additional session I:**

1 x 15 minutes *Human Herpesvirus 4 (EBV) (509)* (section INFECTIOUS AGENTS / VIRUSES);

1 x 15 minutes *Angina - general program (239)* (section Nosology);

1 x 15 minutes *Intoxication by removing toxins (410)* (section Symptoms).

**Additional session II:**

1 x 15 minutes *Inflammation of the lymph nodes (9)* (section Nosology);

1 x 15 minutes *Splenomegaly - splenic enlargement (10)* (section Nosology);

1 x 15 minutes *Hepatomegaly (22)* (section Nosology).

**Preventive session:** 1 x 15 minutes once a day for 7-10 days.

**Complementary programs:**

- Inflammatory process - general program (593)
- General regeneration - recovery (596)
- Normalisation of Lymphatic System Flows (155)
- Normalization of the immune system (1)

## 139. Whooping cough (Pertussis)

Whooping cough (Pertussis) is an acute respiratory disease of infectious etiology with an airborne mode of transmission, characterized by bouts of prolonged coughing with paroxysms (sharp and wheezing inhalation). This disease more commonly affects children between the ages of 2 and 10, but it is sometimes diagnosed in adults as well. The *Bordetella* bacillus is considered to be the causative agent of Whooping cough (Pertussis). The source of infection is always a sick person or carrier. The incubation period lasts from 1 to 2 weeks without any signs of the disease.

**Main session:** 1 x 15 minutes every day 2-3 times a day for week, later 1 once a day for 7 weeks.

**Additional session I** (first week of illness):

1 x 15 minutes *Bordetella* (454) (section INFECTIOUS AGENTS);

1 x 15 minutes *Cough - general program* (424) (section Symptoms);

1 x 15 minutes *Inflammatory process - general program* (593) (section PEMF);

**Additional session II** (second-fourth week of illness):

1 x 15 minutes *Bordetella* (454) (section INFECTIOUS AGENTS);

1 x 15 minutes *Cough reflex* (426) (section Symptoms);

1 x 15 minutes *Cramps (spasm) - general program* (393) (section Symptoms);

**Additional session II** (the fifth to the eighth week of illness):

1 x 15 minutes *Cough - general program* (424) (section Symptoms);

1 x 15 minutes *General regeneration - recovery* (section PEMF);

1 x 15 minutes *Normalization of the immune system* (1) (section Nosology).

**Preventive session:** 1 x 15 minutes once a day for 6-20 days.

**Location of gel electrodes for the main and additional sessions:** no 4.

**Complementary programs:**

- Detoxification of bacterial infections (401)
- Bronchospasm (299)
- Normalisation of Lymphatic System Flows (155)
- Normalization of the immune system (1)

## 140. Condyloma (acute warts)

This is a group of viral diseases. The causative agent of genital warts is the Human papillomavirus - generally types 6 or 11. In most cases, it results in a wart-like growth that is fleshy or reddish in color, soft, and moist to the touch. Genital warts appear in areas that can be affected by microtrauma during sexual intercourse. They are most commonly located in the genital area and around the anus. In the case of an existing disease, it is necessary to treat both partners to achieve stable remission.

**Main session:** 1 x 15 minutes every day for 14-20 days.

**Additional session:** 1 x 15 minutes *Human papillomavirus - general program - (503)* (section INFECTIOUS AGENTS / VIRUSES);

1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

**Repeating the course of the session:** no earlier than a week later

**Complementary programs:**

- Venereal infections - general program (121)
- Benign tumors - general program (347)

## 141. Measles

Measles is an acute viral disease characterized by fever, general intoxication, a maculopapular rash, damage to the conjunctiva, and the upper respiratory tract. The incubation period lasts 9-11 days.

**Main session:** 1 x 15 minutes, every day, 3 times a day, for 3 days; later 2 times a day for 14 days.

**Additional session:** 1 x 15 minutes *Measles virus (501)* (section INFECTIOUS AGENTS);

1 x 15 minutes *Pink eye (conjunctivitis) (259)* (section Nosology);

1 x 15 minutes *Inflammation of the lymph nodes (9)* (section Nosology).

**Complementary programs:**

- Lymphedema (436)
- Throat and lymph nodes - general program (236)
- Viral pneumonia (302)
- Middle ear infection (Otitis media) (245)
- General regeneration - recovery (596)
- Normalization of the immune system (1)
- Normalization of nervous system functions (184)

## 142. Rubella (Roseola)

Rubella (Roseola) is an acute viral disease characterized by the presence of a fine, spotted rash, enlarged lymph nodes, moderate fever, and fetal damage in pregnant women. In most cases, Rubella (Roseola) is a mild or moderate disease. The incubation period varies from 14 to 21 days after contact with a person with rubella. In children, the first symptoms of rubella are usually rashes and enlargement mainly of the posterior cervical lymph nodes, especially the occipital ones, up to 1-2 cm in diameter.

**Main session:** 1 x 15 minutes, every day, 2 times a day for 3-5 days.

**Additional session:** 1 x 15 minutes *Rubella (Roseola) (142)* (section Nosology);

1 x 15 minutes *Inflammation of the lymph nodes (9)* (section Nosology).

**Complementary programs:**

- Respiratory infections - general program (127)
- Throat and lymph nodes - general program (236)
- Itchy skin (421)
- Normalisation of Lymphatic System Flows (155)
- General regeneration - recovery (596)

**143. Leptospirosis (Weil's disease)**

Infection occurs when consuming contaminated water and food, during swimming, fishing, water sports in water reservoirs contaminated with pathogens, during caring for sick animals, and in case of accidental contact of infected animal urine with damaged human skin. The slightest violation of the integrity of the skin or mucous membranes is sufficient for the penetration of leptospirosis.

**Main session:** 1 x 15 minutes, 3 times a day for 7 days; later once a day for month.

**Additional session:** 1 x 15 minutes *Skin or mucous membrane infections - general program (124)* (section Nosology).

1 x 15 minutes *Improving blood circulation (618)* (section PEMF);

1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

**Preventive session:** 1 x 15 minutes 4 times a day for 3 days.

**Complementary programs:**

- Kidney detoxification (399)
- Intoxication by removing toxins (410)
- Detoxification - general program (397)
- Liver detoxification (398)
- Normalization of kidney function (322)
- Normalization of nervous system functions (184)
- Jaundice (25)
- Exhaustion of the body (423)

**Repeating the course of the session:** if necessary.

**144. Shingles (Zoster)**

Shingles (Zoster) is a disease that occurs due to the reactivation of the latent varicella-zoster virus and is characterized by inflammation of the posterior root ganglia of the spinal cord, as well as symptoms of general intoxication and the appearance of a rash along the course of sensitive nerves involved in this process. Complications of shingles include bleeding, gangrene, inflammation of the meninges and brain, cerebral circulation disorders, loss of vision, glaucoma, Ramsay Hunt syndrome (combination of ear shingles with hearing impairment, nystagmus, facial nerve

paralysis, changes in taste sensations), paralysis, etc.

**Main session:** 1 x 15 minutes every day 4 times a day for 3 days, later 2 times a day for 5-7 days.

**Additional session:** 1 x 15 minutes *Human Herpesvirus 3 (smallpox, shingles) (508)* (section INFECTIOUS AGENTS);

1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);

**Preventive session:** 1 x 15 minutes once a day for 14 days.

**Location of gel electrodes for the main and additional sessions:** no 5.

#### Complementary programs:

- Nerve pain (Neuralgia) - general program (199)
- Acute pain with neuralgia (381)
- Bacteria - general program (448)
- Improving general well-being (617)
- Itchy skin (421)
- Normalization of nervous system functions (184)
- General regeneration - recovery (596)
- Normalization of the immune system (1)

**Repeating the course of the session:** if necessary.

## 145. Rotavirus infection

Rotavirus infection is an acute viral disease that is widespread worldwide and is characterized by clinical symptoms such as vomiting, watery diarrhea, intoxication, and upper respiratory tract infection. The source of rotavirus infection is a person. Infection occurs fecal-orally, both directly and through contact with surfaces and objects that may be contaminated: toys, floors, furniture, clothing, etc., as well as during eating. Symptoms of the disease usually appear after 2 days. Vomiting and diarrhea can last from 3 to 8 days. Additional symptoms (loss of appetite, dehydration) can be particularly dangerous for infants and young children. Rehydration is necessary in treatment, which in most cases contributes to a rapid improvement in the patient's condition. Children in the older age group and adults should drink 500 ml of fluid within the first 4 hours of treatment (until the feeling of thirst subsides), and then approximately 100-200 ml after each bowel movement.

In the case of symptoms of rotavirus infection, a medical consultation is necessary.

**Main session:** 1 x 15 minutes, 3 times a day for 5-8 days; następnie 1 raz, w ciągu 5-7 days.

**Additional session:** 1 x 15 minutes *Diarrhea (419)* (section Nosology);

1 x 15 minutes *Intoxication by removing toxins (410)* (section Symptoms);

1 x 15 minutes *Restoration of water-salt metabolism (594)* (section PEMF);

**Preventive session:** 1 x 15 minutes 2 times a day for 3 days.

### Complementary programs:

- Rotaviruses - general program (516)
- Vomiting (439)
- Enteritis (24)
- Cramps (spasm) – general program (393)
- Normalization of gastrointestinal function (12)
- Normalization of bowel function (14)
- Meteorism, abdominal distension (427)
- General digestive disorders (438)
- Improving general well-being (617)

## 146. Salmonellosis

Salmonellosis is an acute infectious disease caused by bacteria of the genus *Salmonella* and is characterized by transmission through the fecal-oral route, damage to the digestive tract, development of intoxication, and dehydration of the body. The incubation period lasts from 2-6 hours to 2-3 days. Treatment involves the use of enterosorbents.

**Main session:** 1 x 15 minutes 2-3 times a day for 3-5 days, later 1 raz for 5 days.

**Additional session:** 1 x 15 minutes *Salmonella* (473) (section FUNGI / MOLD);  
1 x 15 minutes *Vomiting* (439) (section Symptoms);  
1 x 15 minutes *Stomach ache* (368) (section Symptoms).

**Preventive session:** 1 x 15 minutes 2 times a day for 1-2 days.

### Complementary programs:

- Diarrhea (419)
- Restoration of water-salt metabolism (594)
- General digestive disorders (438)
- Enteritis (24)
- Cramps (spasm) – general program (393)
- Normalization of gastrointestinal function (12)
- Normalization of bowel function (14)
- Meteorism, abdominal distension (427)
- Improving general well-being (617)

## 147. Kawasaki disease

Kawasaki disease - a systemic necrotizing vasculitis. This acute febrile illness is classified as a childhood disease, affecting children from 2 months to 9 years old. It is characterized by damage to the coronary and other blood vessels with possible development of aneurysms, thrombosis,

and rupture of the vessel wall. Consultation with a doctor is necessary in case of the disease. The program is used during convalescence and for preventing relapses.

**Main session:** 1 x 15 minutes, 2 times a day for 14 days; następnie 1 once a day for 10-14 days.

**Additional session:** 1 x 15 minutes *Cardiovascular diseases - general program (173)* (section Nosology)

1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);

#### **Complementary programs:**

- Staphylococcus - general program (474)
- Streptococcus - general program (479)
- Detoxification - general program (397)
- Pink eye (conjunctivitis) (259)
- Normalization of the immune system (1)

**Repeating the course of the session:** if necessary.

## **148. Scarletina**

Scarlatina is an acute infectious disease characterized by a sudden onset, cyclical course, intoxication, sore throat, and a spotty rash on the skin. Scarlet fever is a common infectious disease of childhood. The causative agent of scarlet fever is beta-hemolytic streptococcus. The source of infection can be patients with any clinical form of scarlet fever and diseases caused by streptococci. The incubation period lasts from 1 to 12 days.

**Main session:** 1 x 15 minutes every day 3 times a day for 7 days, later 1 raz for 14 days.

**Additional session:** 1 x 15 minutes *Streptococcus B-haemolytic (480)* (section INFECTIOUS AGENTS);

1 x 15 minutes *Angina - general program (239)* (section Nosology);

1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

**Preventive session:** 1 x 15 minutes once a day for 7 days.

#### **Complementary programs:**

- Lymphatic drainage 1 (408)
- Inflammation of the lymph nodes (9)
- Inflammatory swelling (435)
- Normalization of the immune system (1)
- General regeneration - recovery (596)
- Normalisation of Lymphatic System Flows (155)
- Improving general well-being (617)
- Skin regeneration (608)

## 149. Streptococcal tonsillitis (strep throat tonsillitis)

Streptococcal tonsillitis (strep throat tonsillitis) is an acute infectious and allergic disease characterized by acute inflammation of the palatine tonsils and other elements of the Waldeyer's lymphatic ring. Typical symptoms include sore throat, redness, swelling of the tonsils (possible coating), local inflammation of the lymph nodes, fever, malaise, and joint pain.

**Main session:** 1 x 15 minutes every day 3 times a day for 3 days, later 1 raz for 7 days.

**Additional session:** 1 x 15 minutes *Staphylococcus - general program (474)* (section INFECTIOUS AGENTS);

1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

**Preventive session:** 1 x 15 minutes once a day for 7 days.

### Complementary programs:

- Angina - general program (239)
- Lymphatic drainage 1 (408)
- Inflammation of the lymph nodes (9)
- Inflammatory swelling (435)
- Normalization of the immune system (1)
- Chronic inflammation of the tonsils (Chronic tonsillitis) (249)
- Tonsil enlargement (Tonsillar hypertrophy) (238)
- Normalisation of Lymphatic System Flows (155)
- Throat and lymph nodes - general program (236)

## 150. Tuberculosis

Tuberculosis is an infectious disease caused by tuberculosis bacteria. Tuberculosis mainly attacks the lungs, but all other human organs can also be affected. The program is used as a supplement to the main treatment, in the chronic course of the disease, in the case of a positive tuberculin test.

**Main session:** 1 x 15 minutes, 2 times a day for 14 days, later 1 once a day for month.

**Additional session:** 1 x 15 minutes *Mycobacterium tuberculosis (470)* (section INFECTIOUS AGENTS);

1 x 15 minutes *Chronic diseases - general program (620)* (section PEMF);

1 x 15 minutes *Regeneration of lung tissue(611)* (section PEMF).

**Preventive session:** 1 x 15 minutes, od 1 once a day, for 10 days.

### Complementary programs:

- Normalization of the immune system (1)
- Normalization of lung function (293)
- Pulmonary fibrosis (306)



- Improvement of breathing function (305)

**Repeating the course of the session:** regularly, with a break of 14 days.

## 151. Cat scratch disease (CSD)

The disease is caused by *Bartonella henselae*, as a result of contact transmission from infected domestic cats, which typically takes the form of mild lymph node inflammation. The incubation period is from 3 to 30 days. Infection occurs through bites, small wounds, scratches caused by cats, as well as when the saliva of these animals falls on previously damaged areas of the skin.

**Main session:** 1 x 15 minutes, 2 times a day for month.

**Additional session:** 1 x 15 minutes *Bartonella* (452) (section INFECTIOUS AGENTS).

1 x 15 minutes *Inflammation of the lymph nodes* (9) (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 2, 4.

**Preventive session:** 1 x 15 minutes 2 times a day for 5 days.

### Complementary programs:

- Skin or mucous membrane infections - general program (124)
- Normalisation of Lymphatic System Flows (155)
- Normalization of the immune system (1)
- Erythema (85)
- Lymphedema (436)

**Repeat the Session Cycle:** after if necessary 10 days.

## 152. Lyme disease

Lyme disease is the most common tick-borne infectious disease in the northern hemisphere countries and a serious medical problem due to the possibility of damage to many organs and systems, a tendency towards chronicity, which can result in long-term loss of ability to work and disability. The disease is transmitted by ticks. The incubation period lasts an average of 7-14 days.

**Main session:** 1 x 15 minutes, 2 times a day for 7 days, later 1 once a day for 14 days.

**Additional session:** 1 x 15 minutes *Borrelia* (455) (section INFECTIOUS AGENTS);

1 x 15 minutes *Lymphatic drainage 1* (408) (section Symptoms);

1 x 15 minutes *Erythema* (85) (section Nosology).

**Preventive session:** 1 x 15 minutes, od 1 once a day, for 7 days.

### Complementary programs:

- Itchy skin (421)
- Skin or mucous membrane infections - general program (124)
- Insect bites - general program (442)

- Normalization of nervous system functions (184)
- Normalisation of Lymphatic System Flows (155)
- Improvement of mobility of the joints (228)

**Repeated Session Cycle:** several sessions over 6 months.

## 153. Dysentery

This is a description of a disease caused by microorganisms of the genus *Shigella*. It is transmitted through the fecal-oral route and is characterized by a predominant involvement of the large intestine, accompanied by fever, diarrhea with mucus, blood, and pus. The causative agent is usually transmitted from a person suffering from shigellosis, as well as through water, food products, and contact with household items. Infected individuals should not be involved in food preparation.

**Main session:** 1 x 15 minutes, 2-3 times a day for 3 days, later 1 once a day for 7-10 days.

**Additional session:** 1 x 15 minutes *Shigella* (491) (section INFECTIOUS AGENTS);

1 x 15 minutes *Intoxication by removing toxins* (410) (section Symptoms);

1 x 15 minutes *Regeneration of the mucosa* (613) (section PEMF).

**Preventive session:** 1 x 15 minutes, od 1 once a day, for 7 days.

### Complementary programs:

- Abdominal pain (367)
- Detoxification of bacterial infections (401)
- Food poisoning - general program (126)
- Diarrhea (419)

**Repeated Session Cycle:** several sessions over 6 months.

# CARDIOLOGY / REUMATOLOGY

Programs of action are a part of comprehensive therapy for cardiovascular diseases and should be combined with the treatment recommended by a doctor. The course of sessions is developed and adjusted taking into account complaints and the dynamics of well-being.

The aim of the programs is to prevent and manage the progression of the disease. The presence of a heart pacemaker is a contraindication for using the device.

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot)	3. Induction loop or built-in inductor
2. Gel electrodes (self-adhesive applied locally to a specific zone) - (Gel electrodes are NOT applied to the postoperative wound area).	4. Induction mat

## 154. Normalization of blood flow

The program aims to improve the regulation of vascular tone. Blood circulation is the process of constant blood circulation in the body, which provides the delivery of oxygen, nutrients, water, and minerals to all body tissues and removes carbon dioxide and other end products of metabolism from tissues. Heat exchange between the body and the environment occurs through blood circulation, and hormones and other physiologically active substances are transported from one organ to another. The blood flow through vessels ensures the heart's function.

**Main session:** 1 x 15 minutes, every day, 7-14 days.

## 155. Normalisation of Lymphatic System Flows

The human lymphatic system plays an important role in metabolism, cleansing, and protecting the body. Lymphocytes - immune system cells that protect the body from infections - mature in lymph nodes. The main symptom of lymphatic system damage is lymph node enlargement. The program is used for infectious diseases, burdening the body with various pathogens, lymph node enlargement, lung diseases, acute and chronic tonsillitis, cancer processes, and so on.

**Main session:** 1 x 15 minutes, every day, 7-14 days.

**Additional session:** 1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms).

## 156. Normalization of heart function (156)

Therapeutic support program in the treatment of heart disease. The aim of the program is to reduce the symptoms of the disease and improve overall well-being.

**Main session:** 1 x 15 minutes, every day, 7-14 days.

**Location of gel electrodes for the main session:** no 2.

## 157. Arterial disease (PAD)

Arterial disease (PAD) is a chronic disease of the arteries characterized by thickening of their walls due to lipid deposits, particularly cholesterol and its compounds. As a result, the vessels lose their elasticity, their lumen narrows, and blood can no longer circulate normally (causing oxygen starvation). Men over the age of 50 and women over the age of 60 are most at risk of atherosclerosis. Cholesterol plaques most often accumulate on the walls of the aorta, coronary arteries, and leg arteries. People with diabetes, hypertension, obesity, hypodynamia, gout, cholelithiasis, and so on may suffer from atherosclerosis. Similarly, individuals susceptible to atherosclerosis who lead stressful lives often encounter stressful situations that are constantly in a state of psycho-emotional outbursts. In most cases, atherosclerosis is asymptomatic. Symptoms of atherosclerosis can include: chest pain and pain behind the sternum; leg pain while walking; back pain; headaches; numbness in various parts of the body; dizziness; tinnitus; impaired memory; vision problems; shortness of breath; increased fatigue, and others.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Normalization of blood flow (154)* (section Nosology);

1 x 15 minutes *Improving blood circulation (618)* (section PEMF);

1 x 15 minutes *Dyslipidemia (161)* (section Nosology).

### Complementary programs:

- Chronic diseases - general program (620)
- Acute pain (380)
- Tinnitus (446)
- Dizziness (418)
- Fatigue - general program (443)
- Coronary artery disease (166)
- High Blood Pressure (Hypertension) (159)
- Myocardial infarction - recovery (165)
- Stenocardia (147)

**Repeating the course of the session:** after 7-10 days.

## 158. Varicose veins

Varicose veins are an enlargement of the circumference of the veins in the legs, which develops as a result of pathological changes in the walls of the venous vessels and a disturbance of venous blood flow. The veins become enlarged, dilated, and filled with blood, appearing swollen. They are blue or dark purple, often having an uneven, bulging, or twisted appearance. The symptoms of varicose veins include leg heaviness, fatigue in the legs, and visible veins in the lower extremities. Treatment of varicose veins is surgical. The goal of the program is to prevent disease progression and alleviate the clinical course of the disease.

**Main session:** 1 x 15 minutes every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Normalization of blood flow (154)* (section Nosology);  
1 x 15 minutes *Improving blood circulation (618)* (section PEMF);

**Location of gel electrodes for the main and additional sessions:** no 13.

### Complementary programs:

- Thrombophlebitis (362)
- Lymphedema (436)
- Improving general well-being (617)

## 159. High Blood Pressure (Hypertension)

High Blood Pressure (Hypertension) is a multifactorial disease with genetic predisposition and is characterized by a sustained, chronic increase in systolic blood pressure (above 140 mm Hg) and diastolic blood pressure (above 90 mm Hg). In the vast majority of cases, High Blood Pressure (Hypertension) is primary (essential hypertension), meaning that the progressive increases in blood pressure are not related to internal disorders or the influence of negative external factors. Secondary hypertension caused by concomitant disorders of kidney function, hormonal system, medication intake, etc., is much less common.

The following symptoms indicate the presence of high blood pressure: headaches, dizziness, tinnitus, rapid heartbeat, chest pain, shortness of breath, nosebleeds, vision disturbances - seeing spots, blurred vision, nausea, vomiting, facial flushing, chills, sweating, anxiety, irritability, decreased work capacity.

In some people with arterial hypertension, the disease may be associated with complications, in which case immediate medical assistance should be sought. The goal of the program is the therapy of arterial hypertension and the prevention of complications. The program is combined with treatment recommended by a doctor.

**Main session:** 1 x 15 minutes every day for 7-14 days.

**Additional session:** 1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms).

**Location of gel electrodes for the main and additional sessions:** no 2.

**Complementary programs:**

- Cardiovascular diseases - general program (173)
- Edema - general program (437)
- Improving blood circulation (618)
- Headache - general program (388)
- Headache - tension (386)
- Normalization of heart function (156)
- Improving general well-being (617)
- Emotional harmony program (581)

**Repeated session flow:** the program can be used for a long time, along with blood pressure control.

## 160. Hypotension, hypotonia

Hypotension is an acute or chronic decrease in blood pressure by more than 20% of its normal values, leading to inadequate blood flow to the organs. This condition is indicated by numbers of 90/60 mm Hg or lower. The causes of low blood pressure can be both pathological and physiological. The following types of pathological hypotension are distinguished: acute (collapse or shock) - blood pressure drops rapidly due to heart failure, poisoning, severe allergic reaction, bleeding, or brain damage. A person in this state needs immediate medical assistance, and chronic hypotension - blood pressure is constantly lowered. Physiological hypotension is divided into compensatory (occurs in people who actively engage in sports and perform heavy physical work); geographic (develops in residents of highlands or countries with a hot or cold climate when the air is impoverished or contains little oxygen); orthostatic (occurs with a sudden rise after a long period in a sitting or lying position); postprandial (caused by blood redistribution after eating). Hypotension primarily affects the brain, which does not receive the necessary amount of oxygen. Low blood pressure also leads to a lack of oxygen in other organs and systems. As a result, the body accumulates metabolic waste, blood circulation slows down, and intoxication develops. The aim of the program is to stabilize blood pressure, reduce hypotension symptoms, and increase work capacity.

**Main session:** 1 x 15 minutes every day for 7-14 days.

**Additional session:** 1 x 15 minutes *Normalization of blood flow (154)* (section Nosology).

**Complementary programs:**

- Cardiovascular diseases - general program (173)
- Improving blood circulation (618)
- Headache - general program (388)

- Tension headache (386)
- Normalization of heart function (156)
- Detoxification - general program (397)
- Improving general well-being (617)
- Emotional harmony program (581)

**Repeating the course of the session:** if it is necessary, pod kontrolą ciśnienia krwi.

## 161. Dyslipidemia

Dyslipidemia is a high level of lipids (cholesterol, triglycerides) or a low level of high-density lipoprotein. Dyslipidemia often develops with age. There are two groups of factors that contribute to the development of dyslipidemia: primary (genetic) and secondary (lifestyle, coexisting diseases, use of certain medications). High levels of lipids in the blood usually do not cause symptoms. Sometimes, at very high levels, lipids accumulate in the skin and tendons, forming nodules called xanthomas (also known as yellow bumps or plaques). Very high levels of triglycerides can cause enlargement of the liver or spleen, tingling or burning in the hands and feet, difficulty breathing, confusion, and can increase the risk of developing pancreatitis and atherosclerosis. Peripheral arterial disease (PAD) can lead to angina, heart attack, stroke, and peripheral artery disease.

The goal of the program is to control lipid levels, reduce symptoms of dyslipidemia, and improve the ability to function.

**Main session:** 1 x 15 minutes every day for 14 days.

### Complementary programs:

- Age-related changes - general program (413)
- Arterial disease (PAD) (157)
- Metabolic syndrome (111)
- Cardiovascular diseases - general program (173)

**Repeating the course of the session:** program może być używany i kontynuowany.

## 162. Connective tissue diseases

The program is used for treating connective tissue diseases (such as rheumatism) and preventing complications. Additionally, it may be used for the prevention of connective tissue diseases.

**Main session:** 1 x 15 minutes every day for 14 days; later 1 x 15 minutes, every other day, for month.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF); 1 x 15 minutes *Regeneration of cartilage and connective tissue(615)* (section PEMF).

### Complementary programs:

- Chronic diseases - general program (620)
- Acute pain (380)
- Endocarditis (164)
- Gout, arthritis, podagra (169)
- Rheumatism (170)
- Rheumatoid arthritis (171)
- Juvenile rheumatoid polyarthritis (172)
- Autoimmune Problems - general program (3)

**Repeating the course of the session:** after 10-14 days.

### 163. Decreasing uric acid formation

The program is used in individuals with a tendency for increased uric acid formation in order to reduce it. The program can be used for a long period of time.

**Main session:** 1 x 15 minutes, every day, for at least a month

**Location of gel electrodes for the main session:** no 2, 12.

**Complementary programs:**

- Gout, arthritis, podagra (169)

### 164. Endocarditis

Endocarditis is an inflammation of the inner lining of the heart. It most commonly develops as a complication of an infection. Bacteria and viruses enter the heart with the flow of blood and settle on its walls. Gradually, their number increases, an inflammatory state develops, and symptoms of the disease appear. Endocarditis can be caused by rheumatism, intoxication, allergy, etc. Endocarditis does not have specific symptoms. Typically, there are typical signs of an infectious and inflammatory process occurring in the body.

**Main session:** 1 x 15 minutes every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

**Complementary programs:**

- Bacteria - general program (448)
- Viruses - general program (494)
- Grzyby - program ogólny krótki (517)
- Detoxification - general program (397)

**Repeating the course of the session:** przebieg sesji należy każdorazowo powtarzać przed interwencją inwazyjną (np. wizyta u dentysty, zabieg chirurgiczny, procedury diagnostyczne).



## 165. Myocardial infarction - recovery

The program is used during the convalescence and rehabilitation period after a heart attack. In acute states, it should only be used in conjunction with other treatment methods under the strict supervision of a doctor.

**Main session:** 1 x 15 minutes, 2-3 times a day for month; then once for 5-6 month.

**Additional session:** 1 x 15 minutes *Cardiovascular diseases - general program (173)* (section Nosology);

1 x 15 minutes *Coronary artery disease (166)* (section Nosology);

1 x 15 minutes *Dyslipidemia (161)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 2.

### Complementary programs:

- Arterial disease (PAD) (157)
- Improving general well-being (617)
- General regeneration - recovery (596)
- Stenocardia (174)
- High Blood Pressure (Hypertension) (159)

## 166. Coronary artery disease

Ischemic heart disease is a syndrome of symptoms that occur due to insufficient supply of cells with oxygen and nutrients. According to modern classification, the following clinical forms are distinguished: angina pectoris; myocardial infarction; postinfarction atherosclerosis; cardiac arrhythmias; heart failure. The development of the disease is caused by hyperlipidemia, hypertension, smoking tobacco, hypodynamia, overweight and high-calorie diet, diabetes, and genetic predispositions.

The program should be used to prevent the development of coronary heart disease and to treat the effects of this disease.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Cardiovascular diseases - general program (173)* (section Nosology);

1 x 15 minutes *Arterial disease (PAD) (157)* (section Nosology);

### Complementary programs:

- Myocardial infarction - recovery (165)
- Stenocardia (174)
- Dyslipidemia (161)
- Improving general well-being (617)

- High Blood Pressure (Hypertension) (159)
- Acute pain (380)

**Repeat Session Flow:** regularnie, z przerwą 10-14 days.

## 167. Coagulopathy

Coagulopathy is a pathological condition of the body caused by disorders in blood clotting (hemostasis). It is a syndrome, and sometimes a symptom of many diseases. Patients with coagulopathy have pale skin and a bleeding disorder, in which blood flows into surrounding tissues or flows out. Coagulopathy is one of the symptoms of COVID-19.

**Main session:** 1 x 15 minutes every day for 14 days; later 1 x 15 minutes, every other day, for month.  
**Additional session:** 1 x 15 minutes *Improving blood circulation (618)* (section PEMF);  
 1 x 15 minutes *Normalization of blood flow (154)* (section Nosology).

**Complementary programs:**

- COVID-19 (364)
- Improving general well-being (617)

## 168. Neurocirculatory dystonia (vegetative-vascular)

Dystonia is a common disease of the cardiovascular and nervous system, characterized by autonomic and psychoemotional disorders. These disorders may be caused by infectious factors whose toxins affect the nervous system; head trauma; psycho-emotional overload; hormonal disorders; problems with blood pressure regulation; constant fatigue.

**Main session:** 1 x 15 minutes every day for 10-14 days.  
**Additional session:** 1 x 15 minutes *Cardiovascular diseases - general program (173)* (section Nosology);  
 1 x 15 minutes *Improving general well-being (617)* (section PEMF);  
**Location of gel electrodes for the main and additional sessions:** no 2.

**Complementary programs:**

- Dizziness (418)
- Tinnitus (446)
- Headache - general program (388)
- High Blood Pressure (Hypertension) (159)
- Intoxication by removing toxins (410)
- Attention program (575)
- Mood Improvement Program (580)
- Schumann frequency (592)

**Repeating the course of the session:** after 7-10 days.

## 169. Gout, arthritis, podagra

Gout is a disease that arises from metabolic disorders. Purines and uric acid salts begin to accumulate in some tissues, mainly affecting the joints and kidneys. The phenomenon is most commonly caused by dietary abuses such as obesity, alcohol abuse, overconsumption of purine-rich foods (meat, legumes), and a sedentary lifestyle. Inherited disorders of uric acid metabolism can also be a favorable factor. There are two types of gout: joint gout and kidney gout. In the case of gout, the first symptom is damage to the big toe, gradually involving other joints in the process. Symptoms include redness, swelling, and acute pain during both walking and rest. Pain can occur suddenly, at night or in the morning. Joint damage is asymmetric. Gouty arthritis is characterized by attacks. The more the disease progresses, the longer the attack lasts. If gout develops into the chronic form (5-7 years after the onset of the disease), it can affect the kidneys. This is manifested by renal colic, pain in the lower back, and the accumulation of sand and stones in the kidneys. The aim of the program is to improve the general condition during gout attacks and to improve the quality of life of patients with gout.

**Main session:** 1 x 15 minutes, every day, long period; w okresie zaostrenia - 3 times a day to improve the general condition.

**Additional session:** 1 x 15 minutes *Decreasing uric acid formation (163)* (section Nosology); 1 x 15 minutes *Connective tissue diseases (162)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 2 or 12.

### Complementary programs:

- Joint pain (374)
- Acute pain (380)
- Inflammatory process - general program (593)
- Improving general well-being (617)
- Normalization of kidney function (322)
- Normalization of heart function (156)
- Detoxification - general program (397)
- Chronic diseases - general program (620)
- Improvement of mobility of the joints (228)
- Rebuilding the musculoskeletal system (597)

## 170. Rheumatism

Rheumatyzm is a systemic infectious-allergic disease that attacks connective tissue, mainly the circulatory system and joints, as well as internal organs and the central nervous system. This disease belongs to a specific allergic reaction. Damage to connective tissue is an autoimmune reaction of the body to the penetration of streptococci. Therefore, the presence of such diseases in the med-

ical history as ear inflammation, tonsillitis, scarlet fever, pyelonephritis, puerperal fever requires careful monitoring of the patient's later health status. The manifestations of the disease are very diverse and largely determined by the location of the process. The heart is always affected, so-called rheumatic heart inflammation develops, which is manifested by pronounced shortness of breath, rapid heartbeat, and chest pain. Rheumatism also affects the joints - with a characteristic sharp onset, changes mainly in symmetrical large joints, rapid spread from one joint to another, a painful syndrome of varying intensity, up to sharp pains in the joints with limited mobility, swelling of the periarticular region, and redness.

**Main session:** 1 x 15 minutes every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Autoimmune Problems - general program (3)* (section Nosology);

1 x 15 minutes *Connective tissue diseases (162)* (section Nosology);

1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 12 or 13.

#### **Complementary programs:**

- Streptococcus pyogenes beta-haemolyticus (480)
- Edema - general program (437)
- Chronic diseases - general program (620)
- Rebuilding the musculoskeletal system (597)
- Regeneration of cartilage and connective tissue(615)
- Joint pain (374)
- Decreasing uric acid formation (369)
- Elbow pain (370)
- Arm pain (371)
- Normalization of the immune system (1)

**Repeating the course of the session:** after 7-10 days.

## **171. Rheumatoid arthritis**

Rheumatoid arthritis is a chronic autoimmune disease with persistent, symmetric damage to small and large joints, as well as involvement of internal organs and systems (lungs, heart and blood vessels, kidneys, skin, eyes) in the inflammatory process. The course of rheumatoid joint inflammation is usually progressive, leading to the destruction of joint cartilage in the form of erosions and the destruction of bone that forms the joint, with subsequent joint deformities and impaired function. The autoimmune nature of the inflammation means that the immune system perceives its own tissues as foreign and actively attacks them, causing damage.

**Main session:** 1 x 15 minutes every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Connective tissue diseases (162)* (section Nosology);  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 12 or 13.

**Complementary programs:**

- Edema - general program (437)
- Chronic diseases - general program (620)
- Rebuilding the musculoskeletal system (597)
- Regeneration of cartilage and connective tissue(615)
- Joint pain (374)
- Decreasing uric acid formation (369)
- Elbow pain (370)
- Arm pain (371)

## 172. Juvenile rheumatoid polyarthritis

It is characterized by simultaneous damage to multiple joints (more than four).

**Main session:** 1 x 15 minutes every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Connective tissue diseases (162)* (section Nosology);  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 12 or 13.

**Complementary programs:**

- Edema - general program (437)
- Chronic diseases - general program (620)
- Rebuilding the musculoskeletal system (597)
- Regeneration of cartilage and connective tissue (615)
- Joint pain (374)
- Decreasing uric acid formation (369)
- Elbow pain (370)
- Arm pain (371)

## 173. Cardiovascular diseases - general program

The program can be used for all cardiovascular diseases as an addition to specialized treatment programs and other treatment methods to enhance the effect. It is used only in the chronic course of the disease or for preventive purposes.

**Main session:** 1 x 15 minutes every day for 7-10 days.

## 174. Stenocardia

Angina pectoris is a condition characterized by sudden episodes of chest pain caused by a sharp reduction in blood flow to the heart muscle. It occurs when the heart muscle does not receive the necessary amount of oxygen. It manifests as pain and pressure in the chest. The pain usually occurs during physical exercise, climbing stairs, or emotional stress. It may radiate to the left shoulder, neck, jaw, between the shoulder blades, or to the left subscapular region. An angina attack usually disappears quickly after taking nitroglycerin or resting and lasts no longer than 10-15 minutes.

**Main session:** 1 x 15 minutes every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Cardiovascular diseases - general program (173)* (section Nosology);  
1 x 15 minutes *Coronary artery disease (166)* (section Nosology);  
1 x 15 minutes *Normalization of blood flow (154)* (section Nosology).

### Complementary programs:

- Arterial disease (PAD) (157)
- Cramps (spasm) – general program (393)
- Acute pain (380)
- Dizziness (418)
- Improving general well-being (617)
- Chronic diseases - general program (620)

## 175. Tachycardia, Tachycardia paroxysmal

Tachycardia is a condition characterized by an accelerated heart rate, a disturbance in the heart rhythm when the heart rate exceeds 90 beats per minute. Tachycardia can be a normal physiological phenomenon during physical exertion, excitement or as a pathological phenomenon - the cause may be cardiovascular disease or dysfunction of other organs.

**Main session:** 1 x 15 minutes every day, until you improve your overall health.

**Additional session:** 1 x 15 minutes *Cardiovascular diseases - general program (173)* (section Nosology);

### Complementary programs:

- Neurocirculatory dystonia (vegetative-vascular) (168)
- Overactive thyroid (hyperthyroidism) (119)
- Improving general well-being (617)

## 176. Inflammation of the veins (Phlebitis)

Inflammation of the veins (Phlebitis) is an inflammatory disease of the veins that has an acute or chronic character. The main cause is a vein infection. Weakened immunity, allergies, vascu-

lar damage, and coagulation problems facilitate the development of the disease. Indirect causes also include overweight and a sedentary lifestyle. Micro-trauma and bruising can also be a cause of the disease. The set of symptoms of vein inflammation and their severity depend on the form of the pathology.

**Main session:** 1 x 15 minutes every day for 7-10 days.

**Additional session:** 1 x 15 minutes *Normalization of blood flow (154)* (section Nosology);  
1 x 15 minutes *Cardiovascular diseases - general program (173)* (section Nosology);

**Complementary programs:**

- Varicose veins (158)
- Acute pain (380)
- Erythema (85)
- Itchy skin (421)
- Inflammatory process - general program (593)

# NARCOLOGY

Addiction is an obsessive, pathologically strong desire of a person to perform actions that lead to a specific mental state, usually relaxation, satisfaction, and comfort. This state differs from habit precisely in the strength of the need, the inability to engage in any other process until the desire is satisfied, constant thoughts about the object of addiction, and unconscious actions taken to achieve the goal. Addiction is a disease that requires long-term therapy.

Programs in this area are part of comprehensive addiction therapy for substance or physical dependencies related to the direct use of something (drugs or medications, alcohol, nicotine).

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot)	3. Induction loop or built-in inductor
2. Gel electrodes (self-adhesive applied topically to a specific zone).	4. Induction mat

## 177. Addictions - general program

general program for everyday use. It is recommended as an addition to specialized programs to enhance the treatment effect.

**Main session:** 1 x 15 minutes every day for 2-3 months.

**Location of gel electrodes for the main session:** #2.

### Complementary programs:

- Alcohol Detox (400)
- Detoxification in drug addiction (404)
- Detoxification for cigarette smokers (407)
- Emotional harmony program (581)
- Improving general well-being (617)
- Schumann resonances (573)
- Depressive syndrome (273)

**Repeating the course of the session:** regularnie, w ciągu roku z przerwą 7-10 days.

## 178. Abstinence syndrome (withdrawal syndrome)

A syndrome of psychological and physiological disorders that occur in the body when abruptly or gradually ceasing the use of psychoactive substances (alcohol, nicotine, opioids, drugs). The



program is NOT used in severe cases, during acute alcohol or drug intoxication! The course of therapy depends on the stage of addiction and is only used in uncomplicated symptoms of withdrawal syndrome, in a stable state.

**Main session:** 1 x 15 minutes every day 2-3 times a day for 7-10 days; then once a month.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms); 1 x 15-minutesowy *Aggression and anger reduction program (578)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 2, 14.

#### **Complementary programs:**

- Alcohol Detox (400)
- Detoxification in drug addiction (404)
- Detoxification for cigarette smokers (407)
- Headache - general program (388)
- Psychosomatic pain (383)
- Cramps (spasm) – general program (393)
- Nervous system tension 1 (185)
- Emotional harmony program (581)
- Improving general well-being (617)
- Beck frequency (591)

**Repeating the course of the session:** regularnie, w ciągu roku z przerwą 7-10 days.

## **179. Chronic alcoholism**

Chronic alcoholism is a disease that occurs as a result of prolonged intoxication with ethyl alcohol and the substances produced by its breakdown. The onset of the disease depends on regular drinking in the household. Against the background of frequent alcohol consumption, a person develops pathological addiction. Usually, every new dose of alcohol is taken before the previous one is removed from the body.

Long-term use program is a major part of comprehensive treatment for alcohol addiction.

**Main session:** 1 x 15 minutes, every day, 2 times a day, for 14 days; then once a day for 1-2 months.

**Additional session 1 month:**

1 x 15 minutes *Alcohol Detox (400)* (section Symptoms);

1 x 15 minutes *Normalization of liver function (15)* (section Nosology);

1 x 15 minutes *Internal anxiety and fear (270)* (section Nosology);

**Additional session 2 month:**

1 x 15 minutes *Nervous system tension 1 (185)* (section Nosology);

1 x 15 minutes *Normalization of pancreatic function (16)* (section Nosology).

1 x 15 minutes *Improving general well-being (617)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 2, 9 or 14.

**Complementary programs:**

- Lymphatic drainage 1 (408)
- Headache - general program (388)
- Chronic hepatitis (21)
- Liver detoxification (398)
- Normalizacja pracy serca (156)
- Emotional harmony program (581)
- Sleep regulation - insomnia (287)

**Repeating the course of the session:** regularnie, w ciągu roku z przerwą 14 days.

## 180. Drug addiction

Substance addiction (drug addiction) is a chronic disease that manifests as an irresistible urge to use psychoactive substances. It is a disease of the central nervous system: the biochemistry in the active centers (receptors) of the brain changes in such a way that the need for narcotic substances becomes biologically determined and very strong. Most people use drugs voluntarily for various reasons, but repeated use can lead to changes in the brain, resulting in the person being unable to resist the intense desire for drugs. Because drug use can cause changes in the brain, addiction is perceived as a chronic disease, not a lack of willpower or bad character. Drug addiction is considered a relapsing disease - people who are treated or have been treated for drug-related disorders are at increased risk of returning to drug use even after years of abstinence.

The program is used to treat drug addiction in combination with other methods to enhance the effect.

**Main session:** 1 x 15 minutes, every day, 2 times a day, for 14 days; later once a day for 2-3 months.

**Additional session 1 month:**

1 x 15 minutes *Detoxification in drug addiction (404)* (section Symptoms);

1 x 15 minutes *Intoxication by removing toxins (410)* (section Symptoms);

1 x 15 minutes *Internal anxiety and fear (270)* (section Nosology);

**Additional session 2 month:**

1 x 15 minutes *Nervous system tension 1 (185)* (section Nosology);

1 x 15 minutes *Purification of the blood (395)* (section Symptoms).

1 x 15 minutes *Improving general well-being (617)* (section PEMF).

**Additional session 3 month:**

1 x 15 minutes *Normalization of the immune system (1)* (section Nosology);

1 x 15 minutes *Chronic diseases - general program (620)* (section PEMF).

1 x 15 minutes *Emotional harmony program (581)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 2, 9 or 14.

**Complementary programs:**

- Lymphatic drainage 1 (408)
- Headache - general program (388)
- Chronic hepatitis (21)
- Liver detoxification (398)
- Normalization of the work of the heart (156)
- Sleep regulation - insomnia (287)

**Repeating the course of the session:** regularnie, w ciągu roku z przerwą 14 days.

## 181. Side effects of medications

Side effects of medications are unwanted effects that occur during the use of drugs, and this effect is not necessarily related to improper use of the drug (changes in the treatment regimen or dosage). The program is used as an additional treatment in case of occurrence of side effects of medications. In case of intensification of symptoms or lack of the desired effect, it is recommended to consult a doctor.

**Main session:** 1 x 15 minutes, every day, 3 times a day for 5-10 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms);

1 x 15 minutes *Liver detoxification (398)* (section Symptoms).

**Location of gel electrodes for the main and additional sessions:** no 2, 11 or 14.

## 182. Hangover syndrome

Hangover syndrome is a type of acute alcohol intoxication characterized by unpleasant psychological and physiological effects, such as headache, irritability, dry mouth, sweating, and nausea. The program is used to alleviate hangover symptoms in conjunction with detoxification and rehydration therapy.

**Main session:** 1 x 15 minutes, w ciągu dnia, if necessary co 2 godziny.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms);

1 x 15 minutes *Liver detoxification (398)* (section Symptoms);

1 x 15 minutes *Headache - general program (388)* (section Symptoms).

**Location of gel electrodes for the main and additional sessions:** no 2, 9 or 14.

### Complementary programs:

- Chronic alcoholism (179)
- Lymphatic drainage 1 (408)
- Alcohol Detox (400)
- Nausea (440)
- Improving general well-being (617)

## 183. Smoking tobacco

Smoking is a bad habit that involves inhaling burning tobacco smoke and is a form of addiction. It has a negative impact on the health of smokers and those around them. The program has no contraindications and can be used for a long time.

**Main session:** 1 x 15 minutes every day for 2-3 months.

**Location of gel electrodes for the main session:** no 2, 14.

**Additional session:** 1 x 15 minutes *Detoxification for cigarette smokers (407)* (section Symptoms).

**Location of gel electrodes for the main and additional sessions:** no 2, 9 or 14.

### Complementary programs:

- Normalization of lung function (293)
- Deterioration of appetite (411)
- Improving general well-being (617)
- Cough - general program (424)

**Repeating the course of the session:** if necessary w ciągu roku, z przerwą 10-14 days.

# NEUROLOGY

Diseases of the nervous system constitute a broad and diverse field of pathology with various etiologies and symptoms. The application schemes of device programs are developed individually, taking into account the weight, location of disorders, as well as damage to other organs and systems.

The aim of department programs is to reduce the symptoms of the disease, accelerate the pace of rehabilitation, and prevent the development of complications.

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot)	3. Induction loop or built-in inductor
2. Gel electrodes (self-adhesive applied topically to a specific zone).	4. Induction mat

## 184. Normalization of nervous system functions

The program is used for neurological disorders as an addition to specialized treatment programs to enhance treatment effectiveness. The program can be used for a long time.

**Main session:** 1 x 15 minutes, every day for 14 days.

## 185. Nervous system tension 1

The nervous system, which is extremely complex and sensitive, is a catalyst for many processes in the human body. Excessive tension of the nervous system is a borderline state of the body between normality and pathology, and affects the functioning of all organs and systems of the body.

**Main session:** 1 x 15 minutes, every day for 14 days.

**Repeating the course of the session:** if necessary with a break of 10-14 days.

## 186. Ataxia, Motions ataxia, Clumsiness

Ataxia is a motor disorder characterized by a disturbance of motor coordination. Typical symptoms include lack of balance, unsteady movements, tremors, dizziness, headaches of varying intensity and location, disruptions in speech rhythm, speech becoming sharp and contradictory, eye movement disorders resulting in double or blurry vision, interruptions in breathing rhythm with variable spacing between breaths, irregular gait, and the person may fall to the side or on

their back while walking. The main causes of ataxia are genetic diseases, lack of vitamins, such as low levels of vitamins E, B1, B12, exposure to certain drugs or toxins, such as phenytoin, carbamazepine, barbiturates, tranquilizers, some antibiotics, lithium supplements, amiodarone, and alcohol, brain damage caused by tumors, strokes, head injuries, infections, vascular brain injuries, congenital or acquired brain disorders, autoimmune diseases, such as multiple sclerosis, immune response to cancer, inflammation of brain vessels, celiac disease.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 2.

**Complementary programs:**

- Headache - general program (388)
- Dizziness (418)
- Improving general well-being (617)

**Repeating the course of the session:** after 14 days.

## 187. Aphasia - speech disorders

Aphasia is a disorder of a previously formed language function. In other words, a person with aphasia completely or partially loses the ability to communicate their thoughts using words, write their thoughts, and/or understand language addressed to them. Aphasia is detected in brain diseases of various etiologies: vascular, inflammatory, neoplastic, traumatic, degenerative in the brain - Pick's disease, Alzheimer's disease, etc. Short-term episodes of aphasia may occur with cerebral vascular accidents, migraines, or epileptic seizures.

**Main session:** 1 x 15 minutes every day for 14-20 days.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology);

1 x 15 minutes *General regeneration - recovery (596)* (section PEMF);

**Location of gel electrodes for the main and additional sessions:** no 1.

**Complementary programs:**

- Learning program (576)
- Attention program (575)
- Recovery after a stroke (192)
- Alzheimer's disease (213)
- Improving general well-being (617)

**Repeating the course of the session:** after 5-7 days.

## 188. Hemiparesis

Hemiparesis is a weakness of the muscles in the upper and lower limbs, which leads to impaired functioning of the hands or legs. Damage to one side of the body, either right or left, is called hemiparesis. When the onset of the disease is sudden, the cause is usually brain tumors, multiple sclerosis, stroke, ischemic or hemorrhagic brain inflammation, diabetic encephalopathy, head injury, or migraine. The causes of slowly developing hemiparesis may include cortical atrophy, brain abscesses, radiation myelopathy, slowly growing brain tumors. The program helps reduce the symptoms of the disease, it is not the main method of treatment, and can be used for a long time.

**Main session:** 1 x 15 minutes every day for 2-3 months.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology);

1 x 15 minutes *Neuromuscular diseases - general program (203)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 2.

### Complementary programs:

- Recovery after a stroke (192)
- Rebuilding the musculoskeletal system (597)
- Normalization of muscle tone (628)
- General regeneration - recovery (596)
- Improving general well-being (617)

**Session 2 run:** after 10-14 days.

## 189. Hypochondria

Hypochondria (hypochondriasis) is a clinical syndrome characterized by constant anxiety about the possibility of falling ill, complaints, or concerns about one's physical health. The person convinces themselves and those around them of their symptoms, and the thought that their end is near does not leave them. The main causes of this condition are personality traits and characteristics, as well as childhood illnesses, stress, depression, and traumatic experiences.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Emotional harmony program (581)* (section PEMF);

### Complementary programs:

- Psychosomatic pain (383)
- Improving general well-being (617)
- Vigor and energy program (574)

**Repeating the course of the session:** regularly, if it is necessary.

## 190. Dyslexia

Dyslexia is a common (5-10% of school-aged children) disorder that makes reading and writing difficult. This disorder leads to difficulties in understanding what is read and in studying materials, and in the future, to a limited vocabulary and available knowledge. People with dyslexia do not create a connection between the word and its meaning, and perceive letters as a set of hooks and sticks. Possible causes of the disease include impaired speech development; visual and visual-spatial perception problems; lack of working memory and attention; and undeveloped auditory perception.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15-minutes *Learning program* (576) (section PEMF);  
1 x 15 minutes *Attention program* (575) (section PEMF);

### Complementary programs:

- Hearing impairment (430)
- Memory development (583)
- Development of intellectual abilities (582)
- Developmental delay, symptomatic (268)
- Stutter (191)
- Autistic disorders (267)

**Repeating the course of the session:** after 7-10 days.

## 191. Stutter

Stutter is a speech disorder characterized by changes in rhythm and fluidity of speech. During stuttering, a person experiences difficulty in pronouncing words and phrases, prolongs pauses before uttering a sound, and repeats syllables. Generally, stuttering develops in childhood. If observed in an adult, it usually means that the person has been stuttering since childhood but was not treated. It occurs more frequently in boys than in girls (about 4 times more often). The cause of stuttering is excessive stimulation of the speech and emotional center of the brain, which causes spasms of the structures responsible for speech. As a result, the patient cannot pronounce words smoothly and rhythmically. The program is one of the elements of comprehensive treatment for the disorder.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Cramps (spasm) – general program* (393) (section Symptoms);

### Complementary programs:

- Emotional harmony program (581)
- Calming down program (280)

**Repeating the course of the session:** after 7-10 days.



## 192. Recovery after a stroke

Stroke is an acute disruption of blood flow in the brain, which can lead to damage and death of brain cells. Stroke occurs when blood vessels in the brain are ruptured or blocked by a clot, and depending on this, it is classified as hemorrhagic or ischemic stroke. The death (necrosis) of a certain part of the nerve cells occurs, and the human body loses certain functions, which can result in paralysis. Prognoses for recovery after the disease largely depend on the quality of care during the recovery period. The goal of this program is to provide care for the person during the post-stroke period in order to ensure a faster return to lost and impaired functions.

**Main session:** 1 x 15 minutes every day for 2-3 months.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology);

1 x 15 minutes *Neuromuscular diseases - general program (203)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 2.

### Complementary programs:

- General regeneration - recovery (596)
- Rebuilding the musculoskeletal system (597)
- Normalization of muscle tone (628)
- Nerve tissue regeneration (612)
- Aphasia - speech disorders (187)
- Hemiparesis (188)
- Improving general well-being (617)

**Repeating the course of the session:** regularly, until you improve your overall health.

## 193. Chronic bed-wetting (Involuntary soaking)

Enuresis is a common syndrome of involuntary urination, associated with neurological disorders or pathologies of the urinary and reproductive system. It is usually observed in children over the age of 3-5 during sleep, but cases of daytime enuresis occur in individuals of all ages and genders. Enuresis is diagnosed if urinary incontinence lasts longer than 3 months. The following causes of the disease are distinguished: urological diseases; endocrine disorders; infections of the urinary and reproductive system; stress and psychological problems; pathologies of the nervous system. The goal of the program is to reduce symptoms.

**Main session:** 1 x 15 minutes every day for 14 days; then 1-2 times a week until the symptoms disappear completely.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology).

### Complementary programs:

- Normalization of the bladder function (321)
- Normalization of the endocrine system functions (98)
- Urinary tract infections (330)
- Calming down program (280)
- Emotional harmony program (581)

**Repeating the course of the session:** if necessary.

## 194. Bruising, injury

Injury is caused by a sudden mechanical impact on the whole or most of the body surface. Impact factors include violent impact, especially shock waves from explosions, impact on water, or falling to the ground. Superficial and organ contusions are distinguished, so bruises can be both external (visible) and internal. The most serious is brain injury, which can affect all organs of the body.

The goal of the program is to accelerate the recovery of individuals during rehabilitation after a concussion, in order to prevent complications. The program is not a therapeutic measure in the acute phase of the injury.

**Main session:** 1 x 15 minutes every day for 2-3 months.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 2, 3, 5 or 8.

### Complementary programs:

- General regeneration - recovery (596)
- Improving general well-being (617)

**Repeating the course of the session:** regularnie, until you improve your overall health.

## 195. Meteopathy

Dependency on weather is the negative impact of meteorological factors (snow, rain or simply gloomy weather, magnetic storms, solar flares) on human health and well-being indicators. City residents, especially office workers, are more susceptible to weather dependency, and more women than men. People with weakened immunity and chronic diseases (heart disease, asthma, arthritis, as well as those with a brain injury, suffering from autonomic nervous system disorders) are most affected by this condition. Studies have shown that the body reacts not to the weather itself, but to its sudden change. And the discomfort can last for 4 days. The main symptoms are mild weakness, loss of appetite, fatigue, joint pain, migraines, dizziness, tinnitus and eye pain, exacerbation of chronic diseases, and palpitations.

The main goal of the program is to reduce the symptoms of weather sensitivity, prevent exacerbation of chronic diseases during changing weather conditions, and improve the overall health of individuals.

**Main session:** 1 x 15 minutes 2 times a day for 3-5 days.

**Complementary programs:**

- Vigor and energy program (574)
- Headache - general program (388)
- Headache - tension (386)

**Repeating the course of the session:** if necessary.

## 196. Myasthenia gravis

Myasthenia gravis is an autoimmune disease characterized by the development of muscle weakness and pathological fatigue. Women aged 20-40 and men aged 50-70 are more susceptible to this disease. The main symptoms include fatigue associated with different muscle groups, which appears and worsens with repetitive movements but improves after rest. One of the characteristic features are cycles of muscle function weakness and recovery throughout the day. The first symptoms of myasthenia are drooping eyelids (ptosis) and double vision. As the disease progresses, there may be problems with chewing and swallowing. The voice becomes hoarse, and speech is slow and unclear. The following adverse factors that damage the immune system can trigger the autoimmune process of the disease: past infections, especially SARS; stressful situations; periods of hormonal adjustment - pregnancy, etc.

The program is part of comprehensive therapy and aims to alleviate the course of the disease.

**Main session:** 1 x 15 minutes, every day, up to date.

**Additional session:** 1 x 15 minutes *Autoimmune Problems - general program* (3) (section Nosology); 1 x 15 minutes *Normalization of muscle tone* (628) (section PEMF).

**Complementary programs:**

- Neuromuscular diseases - general program (203)
- Normalization of nervous system functions (184)
- Chronic diseases - general program (620)

## 197. Migraine

Migraine is a neurological disorder that is accompanied by strong, pulsating headaches. In order to distinguish migraine from a headache, at least two of four symptoms must be present: asymmetry of pain, pulsation, strong and long-lasting pain, inability to do anything, increased pain associated with work or stimuli. Headache of varying intensity is a key signal of the onset of an

attack. Other characteristic features of migraine include dyspeptic disorders (nausea, vomiting, loss of appetite), intolerance to odors and sounds, increased excitability, irritability, dizziness, and drowsiness. According to statistics, about 10% of the world's population suffers from migraines. Migraines occur three times more often in women than in men. Migraine attacks usually occur for the first time at a young age and last from 4 to 72 hours. During an attack, a person becomes incapacitated due to severe pain. Established causes of migraines include: consumption of red wine; irregular meals; intense stimuli (flickering light, strong odors); weather changes; chronic sleep deprivation; emotional shocks; hormonal changes (in women - associated with the menstrual cycle); consumption of certain products, such as chocolate. The treatment of migraines may combine drug therapy, non-pharmacological therapy, and folk methods of treatment. The goal of the program is to prevent the development of complications of the disease, both acute attacks (in combination with other methods of treatment) and preventive treatment of migraines.

**Main session:** 1 x 15 minutes 2-3 times a day for 3-5 days; later 1-2 times a week, continued.

**Additional session:** 1 x 15 minutes *Migraine headache (389)* (section Symptoms);  
1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 3.

**Complementary programs:**

- Fatigue - general program (443)
- Dizziness (418)
- Rest program (577)

**Repeating the course of the session:** if necessary.

## 198. Muscle inflammation (Myositis)

Muscle inflammation (Myositis) is characterized by inflammatory processes in skeletal muscles. The pathology manifests itself with local pain in the affected area, which intensifies during movement and touch. Inflammation occurs as a result of infectious diseases, autoimmune diseases, complications after injuries, regular uncomfortable body posture, etc.

**Main session:** 1 x 15 minutes, 2 times a day for 5-7 days; then once a week.

**Additional session:** 1 x 15 minutes *Pain - general program (379)* (section Symptoms);  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 3.

**Complementary programs:**

- Neuromuscular diseases - general program (203)
- Autoimmune Problems - general program (3)
- Cramps (spasm) - general program (393)

**Repeating the course of the session:** if necessary.

## 199. Nerve pain (Neuralgia) - general program

Neuralgia is a disease of the peripheral nerves that causes pain, burning, and other discomforts. The location of the pain will depend on the location of the affected nerve. Neuralgia can affect any nerve, but most commonly occurs in nerves that pass through narrow channels. Typically, nerve pain manifests as a complication of various injuries and infections. The causes of nerve pain can also include hypothermia, age-related changes, poisoning, and metabolic disorders.

**Main session:** 1 x 15 minutes 2-3 times a day for 3-5 days; then 1 time in 10-14 days.

**Additional session:** 1 x 15 minutes *Acute pain with neuralgia* (381) (section Symptoms);

1 x 15 minutes *Inflammatory process - general program* (593) (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 5, 7 or 12.

### Complementary programs:

- Neuromuscular diseases - general program (203)
- Detoxification - general program (397)
- Cramps (spasm) - general program (393)
- Intercostal neuralgia (200)
- Sciatic nerve neuralgia (201)
- Trigeminal neuralgia (202)

**Repeating the course of the session:** okresowo, for 3-4 months.

## 200. Intercostal neuralgia

Intercostal neuralgia usually develops in conjunction with osteochondrosis of the chest region, less commonly - against the background of injuries, severe hypothermia, tumors, poisoning. In the case of intercostal neuralgia, the pain is concentrated between the ribs and can spread throughout the body. It intensifies during breathing, laughing, sneezing, coughing, and changing position. Numbness is observed in the area where the nerve is located. The condition can be mistaken for a heart attack, but unlike a heart attack, the pain in neurological disorders is sharp and lasts for a long time.

**Main session:** 1 x 15 minutes 2-3 times a day for 3-5 days; then 1 time in 10-14 days.

**Additional session:** 1 x 15 minutes *Acute pain with neuralgia* (381) (section Symptoms);

1 x 15 minutes *Inflammatory process - general program* (593) (section PEMF);

1 x 15 minutes *Nerve pain (Neuralgia) - general program* (199) (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 5, 7 or 12.

### Complementary programs:

- Neuromuscular diseases - general program (203)
- Detoxification - general program (397)
- Cramps (spasm) - general program (393)

**Repeating the course of the session:** okresowo, for 3-4 months.

## 201. Sciatic nerve neuralgia

Sciatic nerve neuralgia appears with inflammation, and the causes of its appearance are infections and spinal diseases, tumors, herniated discs, pelvic fracture, or sciatica. Sitting work and pregnancy can also contribute to it. When the sciatic nerves are attacked, the pain is located in the lower back, behind the thigh and calf, all the way to the feet. Burning and painful sensations intensify in a sitting position. It is also possible to feel numbness and muscle weakness.

**Main session:** 1 x 15 minutes 2-3 times a day for 3-5 days; then 1 time in 10-14 days.

**Additional session:** 1 x 15 minutes *Acute pain with neuralgia* (381) (section Symptoms);

1 x 15 minutes *Inflammatory process - general program* (593) (section PEMF);

1 x 15 minutes *Nerve pain (Neuralgia) - general program* (199) (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 5, 7 or 12.

### Complementary programs:

- Neuromuscular diseases - general program (203)
- Detoxification - general program (397)
- Cramps (spasm) - general program (393)

**Repeating the course of the session:** okresowo, for 3-4 months.

## 202. Trigeminal neuralgia

The causes of trigeminal nerve neuralgia are multiple sclerosis; cerebral vascular malformations, tumors; chronic infectious inflammation of the face; and circulation disorders in blood vessels. Trigeminal nerve neuralgia is accompanied by severe pain in the face and nose, alternating with itching. Facial muscles twitch, and the skin becomes numb. The pain syndrome does not occur at night and can be triggered by chewing, washing, etc.

**Main session:** 1 x 15 minutes 2-3 times a day for 3-5 days; then 1 time in 10-14 days.

**Additional session:** 1 x 15 minutes *Acute pain with neuralgia* (381) (section Symptoms);

1 x 15 minutes *Inflammatory process - general program* (593) (section PEMF);

1 x 15 minutes *Nerve pain (Neuralgia) - general program* (199) (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 5, 7 or 12.

### Complementary programs:

- Neuromuscular diseases - general program (203)
- Detoxification - general program (397)
- Cramps (spasm) - general program (393)

**Repeating the course of the session:** okresowo, for 3-4 months.

## 203. Neuromuscular diseases - general program

The program is used for various disorders and conditions in which there are disruptions in the connection between nerves and muscles, as well as weakening and changes in their structure and functionality. Neuromuscular diseases are progressive and neurodegenerative in nature. After some time, they are characterized by an increase in symptoms. They usually cause significant difficulties in daily life and some types of disabilities and dependencies.

**Main session:** 1 x 15 minutes, every day, up to date.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 2 or 14.

## 204. General paralysis

Paralysis is the complete loss of movement in one or several parts of the body, loss of muscle strength or a group of muscles, and the inability to perform movements. Paralysis is one of the symptoms of many organic pathologies of the nervous system. The main causes are strokes, injuries to the central nervous system, brain tumors, myopathy, Myasthenia gravis, and hysteria.

The goal of the program is to provide a faster rehabilitation pace and the maximum possible restoration of disrupted functions.

**Main session:** 1 x 15 minutes, 2 times a day for 14 days; then 1 time permanently.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology).

1 x 15 minutes *General regeneration - recovery (596)* (section PEMF);

1 x 15 minutes *Nerve tissue regeneration (612)* (section PEMF);

**Location of gel electrodes for the main and additional sessions:** no 7 or 8.

### Complementary programs:

- Neuromuscular diseases - general program (203)
- Lymphatic drainage 1 (408)
- Recovery after a stroke (192)
- Multiple sclerosis (208)
- Cerebral palsy (205)
- Huntington's Chorea (215)
- Bedsores (605)

## 205. Cerebral palsy

Cerebral palsy is a very complex disease that disrupts many processes occurring in the body. The term „cerebral palsy” means that this condition develops in the fetus in the mother’s womb or in very early childhood. However, this condition remains with the person for their entire life, which is why in modern international practice, the term „Cerebral palsy” is used, without the additional definition of „childhood”.

The treatment of cerebral palsy should be comprehensive and continuous. The aim of the program is to improve the quality of life for patients diagnosed with cerebral palsy.

**Main session:** 1 x 15 minutes, 2 times a day for month; then 1 time permanently.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology).

1 x 15 minutes *Nerve tissue regeneration (612)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 2, 7 or 8.

### Complementary programs:

- Neuromuscular diseases - general program (203)
- Normalization of muscle tone (628)
- Hypoxia (416)
- Learning program (576)
- Aphasia - speech disorders (187)
- General regeneration - recovery (596)
- Lymphatic drainage 1 (408)

## 206. Paresthesia, abnormal sensation of the skin

Paresthesia is a type of skin sensitivity disorder that includes subjective feelings of tingling and burning on the skin’s surface. Sometimes, itching of varying degrees of intensity and pain may occur in the skin area innervated by affected nerve endings. If these sensations appear without an apparent reason and do not go away for a long time, paresthesia is considered a disease. The cause of the disease may be spinal osteochondrosis, injuries, the effect of high temperatures (which can cause paresthesia of the mouth and tongue), endocrine disorders (such as diabetes), and a lack of B vitamins.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Psychosomatic pain (383)* (section Symptoms).

**Location of gel electrodes for the main and additional sessions:** no 13.

### Complementary programs:

- Emotional harmony program (581)



- Detoxification - general program (397)

**Repeating the course of the session:** if necessary.

## 207. Polyneuropathy

Polyneuropathy is a neurological disease that attacks the peripheral nervous system and manifests as decreased muscle tone, with the lower extremities being the main area of damage. Due to the damaged nerve fibers, there is often severe and persistent pain. The disease is often accompanied by impaired muscle sensitivity, leading to instability when walking and standing. Autonomic symptoms are related to trophic and vascular disorders: the skin on the feet becomes purple-blue and swollen, many microtraumas appear, nails become brittle and dull. Polyneuropathy is usually a complication of other diseases and conditions, such as diabetes, somatic diseases, cytomegalovirus infection, Lyme disease transmitted by ticks, Guillain-Barré syndrome and other autoimmune processes, intoxication with alcoholic beverages and heavy metals, the effect of certain medications, genetic predisposition, malignant and benign tumors, diphtheria, significant and prolonged deficiency of B vitamins, which are essential for the full functioning of the nervous system.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology).

1 x 15 minutes *Detoxification - general program (397)* (section Symptoms).

**Location of gel electrodes for the main and additional sessions:** no 13.

### Complementary programs:

- Neurological infections - general program (125)
- Nerve tissue regeneration (612)
- Type I diabetes (116)
- Autoimmune Problems - general program (3)
- Antiparasitic - general program (447)

**Repeating the course of the session:** after 10-14 days.

## 208. Multiple sclerosis

Multiple sclerosis is a chronic autoimmune disease of the brain and spinal cord, in which there is a destruction of the myelin sheath protecting the nerves. As a result, the connection between the brain and parts of the body is disrupted. It is most commonly diagnosed in people aged 20 to 40. The ultimate cause of the development of multiple sclerosis is unknown, but the following risk factors have been identified: genetic predispositions; infectious disease in people genetically predisposed to multiple sclerosis; unfavorable living conditions; excessive alcohol abuse, smoking, drug use, improper diet, frequent and strong psycho-emotional stress. In the early stages of

the disease, there is weakness and numbness in the hands, unstable gait, and worsening vision. Then, a decline in intellectual abilities develops; pulsating muscle pain; memory loss; facial and hand numbness; sudden loss of strength due to depression and frequent stress. The symptoms of multiple sclerosis develop gradually. Therapy for multiple sclerosis should be comprehensive. The goal of the program is to improve the patient's overall condition, reduce disease symptoms, and prevent complications.

**Main session:** 1 x 15 minutes, every day, up to date.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology).

1 x 15 minutes *Autoimmune Problems - general program (3)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 2 or 13.

#### **Complementary programs:**

- Nerve tissue regeneration (612)
- Detoxification - general program (397)
- Memory development (583)
- Pain - general program (379)
- Acute pain (380)
- Chronic diseases - general program (620)

## **209. Carpal tunnel syndrome (CTS)**

This is a neurological disease that manifests as pain in the hand (most commonly the wrist or elbow joint) and is caused by compression of nerves in anatomical areas due to long-term monotonous work. In addition to the natural narrowing of nerve channels, it can also be compressed as a result of pathological or traumatic tissue changes: scars, edema, displacement of bone fragments during fractures.

The disease is mainly of a professional nature and affects drivers, programmers, writers, some workers, musicians, and representatives of professions in which fine hand movements are involved during monotonous work. Generally, it is a real problem for 2-3% of working-age citizens.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Pain - general program (379)* (section Symptoms).

**Repeating the course of the session:** if necessary.

## **210. Chronic Fatigue Syndrome**

Chronic fatigue syndrome is a chronic disease characterized by symptoms of fatigue, physical and emotional exhaustion, and reduced immunity. Women are slightly more susceptible to this

disease than men. In addition to extreme fatigue that lasts at least six months and does not subside even after rest, the following symptoms are characteristic of the disease: problems with memory, attention, and concentration, as well as dizziness that worsens when transitioning from a lying or sitting position to a standing position. The causes that lead to the development of chronic fatigue syndrome are attributed to infectious (viral) diseases; mental and emotional fatigue; emotional exhaustion (burnout); nervous stress; mental trauma; chronic lack of sleep, insomnia. Therapy for the disease should be comprehensive. It should be aimed not only at reducing symptoms but also at eliminating any possible causes.

**Main session:** 1 x 15 minutes every day for 1-2 months.

**Additional session:** 1 x 15 minutes *Exhaustion of the body* (423) (section Symptoms);  
1 x 15 minutes *Sleep regulation - insomnia* (287) (section Nosology).

**Complementary programs:**

- Fatigue - general program (443)
- Calming down program (280)
- Detoxification - general program (397)
- Emotional harmony program (581)
- Attention program (575)
- Vigor and energy program (574)

**Repeating the course of the session:** periodically, with a break of 10-14 days.

## 211. Epilepsy syndrome

Non-specific reaction of the nervous system to various stimuli. It manifests itself in seizures that occur periodically and suddenly. The causes of this syndrome are congenital defects and diseases of the central nervous system (epilepsy), genetic predisposition, tumors, problems with the functioning of the cardiovascular system, alcohol consumption, inflammation of the meninges, drug overdose. In young children, the most common cause of seizures is an increase in body temperature (febrile seizures).

The program is used during the recovery period after an epileptic seizure to improve the overall condition of the patient and prevent relapses. The program is not the only method of therapy. If epilepsy syndrome occurs, it is necessary to immediately consult a doctor.

**Main session:** 1 x 15 minutes every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions* (184) (section Nosology).

**Complementary programs:**

- Calming down program (280)

**Repeating the course of the session:** if necessary.

## 212. Parkinsonism tremor - temporary relief

Tremor is an involuntary rhythmic movement of body parts (arms, legs, head, vocal cords, torso) that results from the continuous contraction and relaxation of muscles. It is one of the main symptoms of Parkinson's disease. Parkinsonism is characterized by tremors that occur at rest. Usually, the tremor affects the hand, causing the patient to lose the ability to perform precise and shallow movements, and as the disease progresses, it spreads to the opposite hand and legs. Sometimes, there is also a „yes-yes” or „no-no” type of head tremor, as well as tremors of the eyelids, tongue, and jaw.

The goal of the program is to symptomatically reduce tremors to improve the overall well-being of the patient and facilitate the course of the disease.

**Main session:** 1 x 15 minutes, every day, up to date

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology).

1 x 15 minutes *Parkinson's disease (214)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 1 or 12.

**Complementary programs:**

- Chronic diseases - general program (620)
- Improving general well-being (617)

## 213. Alzheimer's disease

Alzheimer's disease is a progressive disease characterized by a gradual, almost imperceptible onset of impairment (deterioration of memory and cognitive abilities). As the disease progresses, brain structures are damaged, leading to impairment of mental functions: long-term memory, thinking, and speech. It most commonly develops in people over the age of 65. Risk factors may include: genetic predisposition; atherosclerosis; exposure to toxic substances; injuries (psychological, cranial-brain), viruses, hypertension, and diabetes. The main symptoms of Alzheimer's disease are deterioration in the ability to learn new or recall previously learned information; impairment of intellectual activity; aphasia (disturbance of already-formed speech); apraxia (impairment of purposeful movements and actions); agnosia (impaired perception: visual, auditory, tactile). Alzheimer's disease is a chronic disease that continually develops. The only effective method of treatment is to use methods that improve cognitive functions and prevent dementia. That is the aim of this program. Additionally, the program reduces the risk of developing the disease in healthy patients with a genetic predisposition to Alzheimer's.

**Main session:** 1 x 15 minutes, every day, up to date.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology);

1 x 15 minutes *Dementia (272)* (section Nosology);

1 x 15 minutes *Age-related changes - general program (413)* (section Symptoms).

**Location of gel electrodes for the main and additional sessions:** no 1.

**Complementary programs:**

- Memory development (583)
- Age-related fatigue (444)
- Nerve tissue regeneration (612)
- Chronic diseases - general program (620)
- Improving general well-being (617)

## 214. Parkinson's disease

Parkinson's disease is a chronic neurological disease common in older people. The cause of the disease is the progressive destruction and death of neurons. The first symptoms of the disease usually appear at the age of 55-60. However, in some cases, the disease may develop even at the age of 40. Factors that may increase the risk of developing Parkinson's disease include genetic predisposition, excessive use of medications, brain inflammation, and cerebral atherosclerosis. The main symptoms of the disease include muscle stiffness (constant increase in muscle tension), hypokinesia (reduced motor activity - the patient may freeze, maintaining immobility for many hours, their face resembles a mask, their gaze is fixed, and blinking is rare), and tremors and postural instability (developing in later stages of the disease - the person cannot maintain an upright posture for long). The aim of the program is to alleviate the symptoms of the disease and improve the quality of life.

**Main session:** 1 x 15 minutes, every day, up to date.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology);

1 x 15 minutes *Parkinsonism tremor - temporary relief (212)* (section Nosology);

1 x 15 minutes *Age-related changes - general program (413)* (section Symptoms).

**Location of gel electrodes for the main and additional sessions:** no 1 or 12.

**Complementary programs:**

- Chronic diseases - general program (620)
- Improving general well-being (617)

## 215. Huntington's Chorea

Huntington's Chorea is a neurological disorder characterized by irregular, chaotic movements that mainly occur in the limbs. Huntington's Chorea is diagnosed much more often in men than in women. There can be several causes of chorea development, such as genetic diseases (Huntington's Chorea), which manifest themselves with a gradual increase in choreic symptoms accompanied by intellectual disabilities; Sydenham's chorea - „little Huntington's Chorea” - develops as a result of infection with streptococci; chronic insufficient blood flow to the brain; vasculitis (inflammation of the vessel wall) of the brain; taking certain medications.

The goal of the program is to reduce the severity of involuntary movements that are the basis of the disease and to normalize the transmission of nerve impulses from the brain to muscle tissue.

**Main session:** 1 x 15 minutes, every day, up to date.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 3 or 13

### Complementary programs:

- Chronic diseases - general program (620)
- Improving general well-being (617)

# ORTHOPEDIA / TRAUMATOLOGY

The programs of the department are a part of therapeutic and rehabilitation activities in disorders of the musculoskeletal system. The main goal of the programs is to prevent diseases, restore the function of the spine and joints, eliminate pain syndromes, and regenerate the body after injuries and surgical procedures.

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot)	3. Induction loop or built-in inductor
2. Gel electrodes (self-adhesive applied locally to a specific zone) - (Gel electrodes are NOT applied to the postoperative wound area).	4. Induction mat

## 216. Bone diseases - general program

It is used as a complement to other methods of therapy and specialized programs for bone diseases.

**Main session:** 1 x 15 minutes, every day, long period.

**Additional session:** 1 x 15 minutes *Rebuilding the musculoskeletal system (597)* (section PEMF);

## 217. Spine diseases - general program

It is used as a supplement to other methods of therapy and specialized programs for spinal disorders. Additionally, the program can be used in cases of spinal injuries to facilitate faster rehabilitation and restoration of lost functions.

**Main session:** 1 x 15 minutes, every day, long period.

**Additional session:** 1 x 15 minutes *Rebuilding the musculoskeletal system (597)* (section PEMF);

**Location of gel electrodes for the main and additional sessions:** no 5 or 7.

## 218. Joint diseases - general program

It is used as an adjunct to other methods of therapy and specialized programs for joint diseases. In addition, the program can be used in rheumatological disorders (rheumatoid arthritis, osteoarthritis, gout) to enhance the effect of therapy and reduce the symptoms of the disease.

**Main session:** 1 x 15 minutes, every day, long period.

**Additional session:** 1 x 15 minutes *Rebuilding the musculoskeletal system (597)* (section PEMF);

**Location of gel electrodes for the main and additional sessions:** no 12 or 13.

## 219. Cartilage Tissue Diseases - general program

It is used as an addition to other therapy methods and specific programs for cartilage tissue diseases.

**Main session:** 1 x 15 minutes, every day, long period.

**Additional session:** 1 x 15 minutes *Rebuilding the musculoskeletal system (597)* (section PEMF);

## 220. Injuries, fractures, cuts - general program

The program is used as a supplement to other methods of treating injuries, fractures, and cuts. The program promotes faster wound healing, restoration of lost functions, and faster rehabilitation.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Pain - general program (379)* (section Symptoms);

1 x 15 minutes *Rebuilding the musculoskeletal system (597)* (section PEMF);

**Location of gel electrodes for the main and additional sessions:** no 2, 12 or 13.

### Complementary programs:

- Regeneration of bone and muscle tissue(609)
- Skin regeneration (608)
- Improving general well-being (617)
- Twist (231)
- Fractures (227)
- Improvement of mobility of the joints (228)

**Repeating the course of the session:** if necessary Main session is extended until full recovery.

## 221. Arthritis

Arthritis is a group of diseases in which an inflammatory process occurs in one or several joints. The following possible causes of joint inflammation are distinguished: viral, parasitic, and fungal diseases; injuries that caused joint damage; excessive physical exertion; allergies; genetic predisposition; metabolic disorders and overweight. The main symptoms of joint inflammation are swelling, redness of the skin, and an increase in temperature in the affected area. The process can be acute or chronic. In the first case, a person feels acute pain in the affected joint, which



appears or intensifies during movement, while in the second case, the disease develops slowly due to insufficient therapy of the pathology in the acute phase. Arthritis therapy is complex. In the later stages of the disease, surgical treatment is used. The goal of the program is to eliminate pain, limit the progression of the disease, and aid in recovery after surgery.

**Main session:** 1 x 15 minutes every day for month; profilaktycznie 1 once 2-3 times a week for long period.

**Additional session:** 1 x 15 minutes *Joint pain (374)* (section Symptoms);

1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);

1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);

**Location of gel electrodes for the main and additional sessions:** no 12 or 13.

#### **Complementary programs:**

- Inflammatory swelling (435)
- Lymphedema (436)
- Joint diseases - general program (218)
- Improving general well-being (617)
- Improvement of mobility of the joints (228)
- Knee pain (369)
- Elbow pain (370)
- Arm pain (371)
- Hip pain (375)
- Staphylococcus aureus (476)
- Streptococcus - general program (479)
- Viruses - general program (494)
- Detoxification of bacterial infections (401)
- Detoxification of viral infections (402)
- Detoxification of fungal infections (403)

**Repeat the Session Cycle:** if necessary with a break of 14 days.

## **222. Arthrosis**

Arthrosis is a disease in which there is deformation and destruction of cartilage tissue that covers the touching joints. As a result, the gap between the joints narrows, enlarges, and loses mobility. The disease most commonly develops in people over the age of 45. Possible causes of the disease may include hormonal system diseases, various injuries, inflammatory processes in the body, metabolic disorders, and congenital pathologies such as flat feet, different lengths of limbs, and dysplasia. The disease develops gradually. The main symptoms include a cracking sound during movement, joint pain during heavy physical exertion, increased stiffness in the morning after

waking up, worsened joint mobility, finger and toe deformities due to bone growth, and painful sensations at night or with changing weather conditions and atmospheric pressure. The treatment of arthrosis is complex, primarily aimed at eliminating the cause of the disease. The goal of the program is to reduce pain, slow the progression of the disease, and regenerate cartilage to restore joint mobility.

**Main session:** 1 x 15 minutes, every day, for 1-2 months; prophylactically once 2-3 times a week, for long period.

**Additional session:** 1 x 15 minutes *Joint diseases - general program (218)* (section Nosology); 1 x 15 minutes *Improvement of mobility of the joints (228)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 12 or 13.

#### Complementary programs:

- Regeneration of bone and muscle tissue(609)
- Rebuilding the musculoskeletal system (597)
- Joint pain (374)
- Knee pain (369)
- Elbow pain (370)
- Arm pain (371)
- Hip pain (375)

## 223. Bursitis

The inflammation of the bursa is an acute or chronic inflammation of the bursa (synovial fluid-filled sac), which acts as a cushion in the joint, reduces friction between its elements, and facilitates movement in the joint. The most common sites of bursitis are the shoulder, elbow, knee, hip, and heel. The most common causes of bursitis are: occupational or other activities that require repetitive, monotonous movements; allergic reactions, autoimmune diseases, intoxications; inflammatory joint changes in gout, rheumatoid arthritis, psoriatic arthritis, and spondylitis; diabetes, obesity, and other metabolic disorders, as well as sports and domestic injuries. The main symptoms of the disease are redness of the skin over the affected joint; pain during movement; swelling and redness of the joint; local increase in temperature. In some cases, it may not be possible to quickly stop the inflammatory process, and the course of bursitis becomes chronic.

The goal of the program is to eliminate inflammatory states, reduce pain, and improve joint mobility. In addition, the program can be used for rehabilitation after bursitis surgery.

**Main session:** 1 x 15 minutes a day for 14-20 days; prophylactically 1-2 times a week, long period.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF); 1 x 15 minutes *Improvement of mobility of the joints (228)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 12 or 13.

### Complementary programs:

- Synovitis (inflammation of the synovial membrane) (233)
- Inflammatory swelling (435)
- Lymphedema (436)
- Joint diseases - general program (218)
- Knee pain (369)
- Elbow pain (370)
- Hip pain (375)
- Staphylococcus aureus (476)
- Streptococcus - general program (479)
- Decreasing uric acid formation (163)
- Gout, arthritis, podagra (169)
- Detoxification - general program (397)

**Repeating the course of the session:** if necessary with a break of 5-7 days.

## 224. Osteomyelitis

Osteitis and bone marrow are non-specific purulent lesions of bone tissue (osteitis), bone marrow (medullary inflammation), and surrounding soft tissues. Acute and chronic osteitis and bone marrow are distinguished. Acute lasts 2-3 weeks, and chronic - months and years. Osteitis and bone marrow are most commonly diagnosed in children aged 5-14 years, more often in boys. The main causes of bone and marrow inflammation are distant foci of infection; a catheter introduced into the vein for a long time; local infection (infected wound or abscess) and improperly sterilized needles or syringes used by people injecting drugs. The clinical picture differs depending on the location of the bone lesion, patient age, and infection routes.

Typical symptoms of bone and marrow inflammation include: dragging pain; redness, swelling; elevated temperature and swelling in the area of the affected bone; constant fatigue and general malaise; limited mobility due to pain and swelling and high body temperature.

If the disease is not detected in time, there is a risk of bone necrosis, and the infection progresses to a chronic form. The first sign of a chronic course may be complications such as an open skin ulcer, a purulent fistula, tissue death, or a non-healing fracture.

Treatment of osteitis and bone marrow should be complex, including drug and detoxification therapy. Sometimes surgical intervention is necessary.

The aim of the program is to eliminate the inflammatory states of bone tissue, reduce local symptoms of the disease, and improve the patient's general well-being.

**Main session:** 1 x 15 minutes, 2 times a day for 5-7 days; then 1 time within 14 days.  
**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Bone diseases - general program (216)* (section Nosology);  
**Location of gel electrodes for the main and additional sessions:** no 13.

**Complementary programs:**

- Injuries, fractures, cuts - general program (220)
- Antiparasitic - general program (447)
- Detoxification - general program (397)

**Repeating the course of the session:** after if necessary 7 days.

## 225. Osteoporosis

Osteoporosis is a metabolic bone disease characterized by a decrease in the solid structure of bones due to a reduction in bone mass or insufficient calcification. The disease is common, with women more frequently affected than men. The dangerous consequence of the disease is that the bone becomes fragile and susceptible to damage, resulting in a high incidence of fractures and other pathological conditions with even minor impacts on the bone. Risk factors for osteoporosis include smoking, inadequate calcium intake, vitamin D deficiency, excessive alcohol consumption, taking glucocorticosteroids for more than three months, low physical activity, prolonged immobilization, and family history of osteoporosis. The goal of the program is to improve mobility, reduce local symptoms of the disease, and improve the general well-being of the patient.

**Main session:** 1 x 15 minutes, every day, for 1-2 months; prophylactically 1-2-3 times a week, for long period.  
**Additional session:** 1 x 15 minutes *Bone diseases - general program (216)* (section Nosology);  
1 x 15 minutes *Regeneration of bone and muscle tissue(609)* ( (section PEMF);  
**Location of gel electrodes for the main and additional sessions:** no 13.

**Complementary programs:**

- Age-related changes - general program (413)
- Rebuilding the musculoskeletal system (597)
- Normalization of parathyroid function (96)

**Repeating the course of the session:** after 7 days.

## 226. Spinal Osteoarthritis (Degenerative Arthritis of the Spine)

Osteochondrosis is a group of dystrophic disorders in the joint cartilage and intervertebral discs of the spine. Depending on the location, cervical, thoracic, and lumbar osteochondrosis are distinguished. The main causes of osteochondrosis are excessive spinal load, sedentary lifestyle

and overweight, wearing improper shoes, age-related changes, vitamin deficiencies, hormonal disorders, and injuries. The main symptoms are pain and numbness in the affected area of the spine. The aim of the program is to improve mobility, reduce symptoms, and improve the general well-being of the patient.

**Main session:** 1 x 15 minutes every day for month; prophylactically 1-2-3 times a week, for long period.

**Additional session:** 1 x 15 minutes *Spine diseases - general program (217)* (section Nosology);  
1 x 15 minutes *Back pain (372)* (section Symptoms);  
1 x 15 minutes *Rebuilding the musculoskeletal system (597)* (section PEMF);

**Location of gel electrodes for the main and additional sessions:** no 5,7.

#### **Complementary programs:**

- Age-related changes - general program (413)
- Spastic back pain
- Pain - general program (379)
- Regeneration of bone and muscle tissue(609)

**Repeating the course of the session:** after if necessary 7 days.

## **227. Fractures**

The program is used particularly in cases of bone fractures to promote faster bone regeneration and reduce the general symptoms accompanying bone fractures (pain and swelling of the surrounding tissues).

**Main session:** 1 x 15 minutes, 2-3 times a day for 14 days; then 1 time until complete recovery.

**Additional session:** 1 x 15 minutes *Pain - general program (379)* (section Symptoms);  
1 x 15 minutes *Injuries, fractures, cuts - general program (220)* (section Nosology);  
1 x 15 minutes *Regeneration of bone and muscle tissue(609)* (section PEMF);

**Location of gel electrodes for the main and additional sessions:** no 2, 12 or 13.

#### **Complementary programs:**

- Lymphatic drainage 1 (408)
- Lymphedema (436)
- Rebuilding the musculoskeletal system (597)
- Improving general well-being (617)
- Acute pain (380)

**Repeating the course of the session:** if necessary.

## 228. Improvement of mobility of the joints

general program used in joint diseases. The program aims to improve joint mobility and, as a result, improve the course of the disease.

**Main session:** 1 x 15 minutes every day for month; prophylactically 1-2-3 times a week, for long period.

**Location of gel electrodes for the main and additional sessions:**No 12 or 13.

### Complementary programs:

- Joint diseases - general program (218)
- Regeneration of bone and muscle tissue(609)
- Age-related changes - general program (413)
- Rebuilding the musculoskeletal system (597)
- Joint pain (374)
- Gout, arthritis, podagra (169)
- Arthrosis (222)

## 229. Sacro-lumbar radicular syndrome

Sciatica is an inflammatory condition that affects the spinal nerve roots. It can occur as a result of pathological changes, physical exertion, infections, or even stress. Sciatica symptoms are characterized by sudden, sharp pain that appears either in the upper part of the back and radiates to the back of the head or arms, or in the lower part of the back and spreads to the buttocks and limbs. The pain intensifies during any activity. Symptoms of inflammation of the nerve roots also include: a feeling of numbness; muscle weakness or atrophy; sexual dysfunction and weakened tendon reflexes. Treatment for sciatica is complex. During periods of remission, therapeutic exercises and a course of sanatorium and spa treatment should be used. The aim of the program is to eliminate the inflammatory process, reduce pain, and normalize muscle tone.

**Main session:** 1 x 15 minutes every day for month; prophylactically 1-2-3 times a week, for long period.

**Additional session:** 1 x 15 minutes *Back pain (372)* (section Symptoms);  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Spine diseases - general program (217)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 7.

### Complementary programs:

- Acute pain (380)
- Spastic back pain (373)
- Normalization of muscle tone (628)

- Rebuilding the musculoskeletal system (597)

**Repeating the course of the session:** if necessary with a break of 14 days.

## 230. Heel spur

Heel spur (osteophytes) is an overgrowth of bone tissue that develops as a result of ossification of the periosteum of the heel bone and is accompanied by inflammation of the tissues adjacent to the bone. Heel spur most commonly occurs in women under 45 years of age and in older people. There are several main causes of heel spur development: flat feet; presence of local inflammatory processes; diseases (diabetic angiopathy, atherosclerosis, Bechterev's disease, polyarthritis, systemic lupus erythematosus, rheumatism, gonorrhea, mycoplasmosis, syphilis); foot overloading after intense physical activity; low physical activity; metabolic disorders (including obesity); frequent wearing of high-heeled shoes; and circulatory disorders in the blood vessels of the lower extremities. The main symptoms of the disease are discomfort, pain, and gait disturbances. The goal of the program is to alleviate pain and inflammation surrounding the osteophytes. Additionally, the program can be used for a better and faster recovery after surgery.

**Main session:** 1 x 15 minutes every day for month; prophylactically 1-2-3 times a week, for long period.

**Additional session:** 1 x 15 minutes *Back pain (372)* (section Symptoms);  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Bone diseases - general program (216)* (section Nosology).

### Complementary programs:

- Rebuilding the musculoskeletal system (597)

**Repeating the course of the session:** if necessary with a break of 14 days.

## 231. Twist

Torn ligaments are one of the most common injuries that occur due to excessive strain, sudden or unphysiological movements in the joint. The main symptoms of torn ligaments include pain, swelling, skin redness, bruising, and limited joint mobility. The program aims to reduce pain and swelling in the affected area.

**Main session:** 1 x 15 minutes, 2-3 times a day for 14 days; then 1 time until complete recovery.

**Additional session:** 1 x 15 minutes *Pain - general program (379)* (section Symptoms);  
1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);

### Complementary programs:

- Acute pain (380)

- Lymphedema (436)
- Rebuilding the musculoskeletal system (597)
- Injuries, fractures, cuts - general program (220)

**Repeating the course of the session:** if necessary.

## 232. Rickets

Rickets is a common metabolic disease that occurs due to a lack of calcium and phosphorus in a child's body during the period of active growth. As a result, the formation of bone tissue is disturbed - the bones become soft, deformable and can break easily. The initial stage of rickets occurs in the second or third month of a child's life, and in premature babies, in the middle or end of the first month of life. The main causes of rickets are premature birth, genetic predisposition to the disease, and problems with the absorption and processing of vitamin D (endogenous causes). The most dangerous times of the year for the disease are winter and late autumn, because the sun's activity is at a minimum, which makes it difficult to absorb vitamin D. The main symptoms of rickets are anxiety, poor appetite, sweating, especially in the hairy part of the head (sweat has a specific acidic smell), a large size of the fontanel, focal softening of the occipital bones, unstable stool, and urine has a sharp ammonia smell. Over time, the following symptoms appear: „Olympic forehead“ (a protrusion on the forehead); „transparent“ rib (a spherical thickening at the point where the cartilaginous part of the rib transitions into the bone); a curved depression below the ribs - Harrison's groove; deformation of the chest in the form of „chicken breast“ (a chest shaped like a hernia) or „cobbler's chest“ (a chest shaped like a funnel); formation of kyphosis („rickety hump“); rachitic „bracelets“ on the radiocarpal joints and „pearl strings“ (swelling in the area of the finger phalanges).

The treatment of rickets is long and complex. The program is one of the components of the treatment.

The aim of the program is to normalize the absorption of vitamin D and calcium, reduce the characteristic sweating of the disease, and improve the general well-being of the patient.

**Main session:** 1 x 15 minutes every day for month; later every other day, long period.

**Additional session:** 1 x 15 minutes *Bone diseases - general program (216)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 13.

## 233. Synovitis (inflammation of the synovial membrane)

Synovitis (inflammation of the synovial membrane) is an inflammatory process in the synovial fluid. During the inflammation of the synovial membrane, as a result of the inflammatory state, the body secretes and accumulates additional fluid - effusion. There are two types of synovitis



- infectious and non-infectious (aseptic). The cause of infection is the infection that penetrates into the synovial fluid. The cause of aseptic synovitis may be injuries; metabolic disorders in the body; excessive body weight and a sedentary lifestyle; allergic conditions; neurological, endocrine, and connective tissue diseases (e.g. rheumatism). Synovitis (inflammation of the synovial membrane) most commonly affects large joints - knee, ankle, hip, elbow. The main symptoms of synovitis are: pain in the affected joint area; swelling and redness in the affected joint area, and stiffness of movement. In addition, signs of general intoxication are possible: rapid fatigue; elevated body temperature, and chills.

The aim of the program is to improve blood circulation in the affected joint, eliminate the inflammatory process, restore joint mobility, and strengthen the muscles around it. The program is an additional method of treatment and is mainly used in the chronic course or as a supportive therapy in acute synovitis.

**Main session:** 1 x 15 minutes, 2 times a day for 14 days; then once a month.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Joint pain (374)* (section Symptoms);  
1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);

**Location of gel electrodes for the main and additional sessions:** no 12 or 13.

#### **Complementary programs:**

- Bursitis (223)
- Inflammatory swelling (435)
- Lymphedema (436)
- Joint diseases - general program (218)
- Knee pain (369)
- Elbow pain (370)
- Hip pain (375)
- Improvement of mobility of the joints (228)
- Staphylococcus aureus (476)
- Streptococcus - general program (479)
- Gout, arthritis, podagra (169)
- Detoxification - general program (397)

**Repeating the course of the session:** if necessary with a break of 7-10 days.

## **234. Spine inflammation - general program**

Spinal joint inflammation is an inflammatory disease of the spine characterized by the destruction of the vertebrae and subsequent spinal deformity. There are many causes of spinal joint inflammation. The most common type of spinal joint inflammation is ankylosing spondylitis or

ankylosing spondylitis. In addition, infectious spinal joint inflammation, traumatic spinal joint inflammation, and psoriatic spinal joint inflammation are distinguished. Symptoms of spinal joint inflammation include back pain (usually of a painful character that intensifies with deep breathing and movements), limited mobility (this is particularly characteristic of Bechterew's disease, in which the spine becomes immobile due to the connection of the vertebrae with each other), signs of deformation (hump formation, scoliosis, pathological lordosis and kyphosis), and signs of poisoning (spinal joint inflammation may be accompanied by an increase in body temperature, frequent chills, general weakness). The aim of the program is to eliminate inflammation, reduce pain, and improve mobility. Additionally, the program can be used for rehabilitation during the recovery period.

**Main session:** 1 x 15 minutes, 2 times a day for 14 days; later 1 once for long period.  
**Additional session:** 1 x 15 minutes *Spine diseases - general program (217)* (section Nosology);  
1 x 15 minutes *Pain - general program (379)* (section Symptoms);  
**Location of gel electrodes for the main and additional sessions:** no 5, 7.

#### Complementary programs:

- Inflammatory process - general program (593)
- Detoxification - general program (397)
- Rebuilding the musculoskeletal system (597)

**Repeating the course of the session:** after 7-10 days.

## 235. Tendinopathy

Tendinopathy is a pathological condition of the tendon, accompanied by inflammation, pain, and impaired functionality of the affected musculoskeletal system. Tendinopathy often results from overuse and can lead to significant joint mobility limitations. The main symptoms of tendonitis are pain after physical activity, painful sensations during palpation, local redness, swelling, and an increase in temperature in the area of the affected joint.

The program aims to eliminate swelling and pain, reduce inflammation, and accelerate muscle and tendon regeneration.

**Main session:** 1 x 15 minutes, 2 times a day for 14 days; then once a month.  
**Additional session:** 1 x 15 minutes *Joint diseases - general program (218)* (section Nosology);  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Joint pain (374)* (section Symptoms);  
**Location of gel electrodes for the main and additional sessions:** nr 13.

#### Complementary programs:

- Detoxification - general program (397)

- Rebuilding the musculoskeletal system (597)
- Inflammatory swelling (435)
- Lymphedema (436)

**Repeating the course of the session:** after 7-10 days.

# OTOLARINGOLOGY

The department's programs are part of a comprehensive treatment of ENT organs, contributing to a shorter treatment time, significant reduction of drug load, and rehabilitation after the disease.

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot)	3. Induction loop or built-in inductor
2. Gel electrodes (self-adhesive applied topically to a specific zone).	4. Induction mat

## 236. Throat and lymph nodes - general program

Throat diseases are a group of various diseases and pathological conditions that include both acute and chronic states. They are most commonly caused by viruses and bacteria that enter the throat's mucous membrane from the outside. Throat diseases can also result from exposure to allergens, voice strain, injury, hypothermia, and smoking. It is possible for multiple causes to be involved. The most common throat diseases are pharyngitis, laryngitis, and tonsillitis.

The program is used for all throat disorders and for slight enlargement of regional lymph nodes, which is a symptom of a mild respiratory infection, in order to improve treatment outcomes.

**Main session:** 1 x 15 minutes every day for 5-7 days.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF); 1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);

### Complementary programs:

- Viral pneumonia 1 (135)
- Inflammation of the lymph nodes (9)
- General regeneration - recovery (596)

**Repeating the course of the session:** if necessary; The current course of sessions can be extended up to 14 days or until full recovery.

## 237. Ear - general program

The ear is the organ responsible for hearing and maintaining balance in space. The causes of ear diseases include infectious diseases, ear injuries, and congenital pathologies. The program is used for all ear diseases to improve treatment outcomes and prevent complications.

**Main session:** 1 x 15 minutes every day for 7-14 days.

### Complementary programs:

- Hearing Loss (Deafness) (250)
- Hearing impairment (430)
- Viral pneumonia 1 (135)
- General regeneration - recovery (596)

**Repeating the course of the session:** if necessary.

## 238. Tonsil enlargement (Tonsillar hypertrophy)

Tonsils are a local immunity organ for the laryngological system. The disease can develop at any age, but it is mainly diagnosed in preschool children. This is because a child's immunity is still developing, and the body is still quite sensitive to infections. The main symptoms of enlarged tonsils are a runny nose (rhinitis) that does not go away even after proper treatment, difficulty breathing due to a constantly stuffy nose, fever, snoring during sleep, sore throat, and hoarse voice. Conservative treatment methods are used for slight enlargement of the nasopharyngeal tonsils or when there are contraindications to their removal.

The program aims to aid in recovery after the procedure and improve the general condition of the patient. Additionally, it can be used as a component of comprehensive therapy and prevention of chronic illness.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);

1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);

1 x 15 minutes *Strengthening the protective functions of the body (619)* (section PEMF);

### Complementary programs:

- Chronic diseases - general program (620)
- Inflammation of the lymph nodes (9)
- General regeneration - recovery (596)
- Improvement of breathing function (305)
- Allergic problems - general program (2)
- Streptococcus pneumoniae (472)
- Streptococcus - general program (479)
- Viruses - general program (494)

**Repeating the course of the session:** after 7-14 days

## 239. Tonsillitis - general program

Angina (acute tonsillitis) is an acute infectious disease with damage to the lymphatic ring of the larynx - the tonsils. There are catarrhal, follicular, lacunar, purulent and other types of angina. The disease is caused by streptococci or staphylococci, less commonly other microorganisms,

viruses (adenoviruses, enterovirus Coxsackie A, herpes virus) and Candida fungi. The most common causative agent of the disease is beta-hemolytic streptococcus of group A. Angina starts suddenly with a rapid deterioration of the patient's condition. Patients are concerned about sore throat, which intensifies when swallowing, weakness, headache, fever above 38°C, inflammation of regional lymph nodes. In case of angina, there is a danger of abscess, ear inflammation, sepsis, and complications from other internal organs (heart, kidneys, lungs), so it is necessary to consult a doctor quickly and start appropriate treatment.

The program aims to eliminate the symptoms of the disease and prevent complications.

**Main session:** 1 x 15 minutes 2-3 times a day for 3-5 days, later 1 raz for 5-7 days.

**Additional session:** 1 x 15 minutes *Streptococcus pyogenes beta-haemolyticus* (480) (section INFECTIOUS AGENTS);

1 x 15 minutes *Inflammatory process - general program* (593) (section PEMF);

1 x 15 minutes *Acute pain* (380) (section Symptoms);

#### **Complementary programs:**

- Throat and lymph nodes - general program (236)
- Adenovirus (495)
- Inflammatory swelling (435)
- Inflammation of the lymph nodes (9)
- Streptococcus - general program (479)
- Viruses - general program (494)
- Detoxification of bacterial infections (401)
- Detoxification of viral infections (402)
- Candida- general program (525)
- General regeneration - recovery (596)

**Repeating the course of the session:** if necessary.

## **240. Inflammation of the salivary glands**

Inflammation of the salivary gland most commonly affects children, but sometimes also adults. In adults, the disease often has a severe course, especially in men. Symptoms of inflammation include pain while eating, swelling of the face or neck, unpleasant taste in the mouth, dry mouth, and difficulty opening the mouth. The most common predisposing conditions for inflammation are pathogenic or opportunistic microorganisms, metabolic disorders, any immunodeficiency states, mumps, scarlet fever, rubella (roseola), measles, and other infectious diseases.

**Main session:** 1 x 15 minutes 2-3 times a day for 3 days, later 1 once for 7-10 days.  
**Additional session:** 1 x 15 minutes *Viruses - general program (494)* (section INFECTIOUS AGENTS);  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Acute pain (380)* (section Symptoms);

**Complementary programs:**

- Mumps virus (504)
- Throat and lymph nodes - general program (236)
- Inflammatory swelling (435)
- Inflammation of the lymph nodes (9)
- Antiparasitic - general program (447)
- Detoxification of bacterial infections (401)
- Detoxification of viral infections (402)
- General regeneration - recovery (596)

**Session 2 run:** if necessary.

## 241. Sinus inflammation (Sinusitis)

Sinusitis (Sinusitis) is a seasonal condition, with exacerbations most commonly observed in the spring and autumn. The causes of sinus inflammation are mostly VIRUSES (influenza and parainfluenza viruses, adenovirus), less frequently bacteria (pneumococci, streptococci), and fungi. Additionally, acute sinusitis often occurs in people with a deviated nasal septum and in children with enlarged tonsils. Respiratory complications are characteristic of sinus inflammation; a feeling of pressure in the nasal sinuses; copious mucous or mucopurulent discharge from the nose; distinct swelling and puffiness in the eye sockets area; loss of sense of smell; a fever up to 40°C and non-localized headaches. A final diagnosis is made on the basis of radiographic imaging. After diagnosis, special treatment by an ENT doctor is necessary, often involving invasive techniques (including surgery). Delayed treatment increases the risk of intracranial, intraocular and other complications.

The program aims to alleviate the symptoms of inflammation and prevent the development of chronic processes and complications with medication and other treatment methods.

**Main session:** 1 x 15 minutes 2 times a day for 5 days, later 1 once for 14 days.  
**Additional session:** 1 x 15 minutes *Nasal infections, nasal congestion(243)* (section Symptoms);  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Headache - general program (379)* (section Symptoms);  
**Location of gel electrodes for the main and additional sessions:** no 3.

**Complementary programs:**

- Viruses - general program (494)
- Antiparasitic - general program (447)
- Inflammatory swelling (435)
- Detoxification of bacterial infections (401)
- Detoxification of viral infections (402)
- Candida- general program (525)
- Middle ear infection (Otitis media) (245)
- General regeneration - recovery (596)

**Repeating the course of the session:** if necessary

## 242. Throat infections and pain

The program is used as a supportive measure for infections of the larynx (primarily Laryngitis). The aim of the program is to speed up the recovery and prevent chronic illness. In addition, this program provides pain relief for patients with pain syndrome caused by laryngeal infections.

**Main session:** 1 x 15 minutes every day for 7-10 days.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes Throat and lymph nodes - general program (236) (section Nosology);

### Complementary programs:

- Viral pneumonia 1 (135)
- Inflammation of the voice box (Laryngitis) (244)
- General regeneration - recovery (596)
- Strengthening the protective functions of the body (619)

**Repeating the course of the session:** if necessary; The current course of sessions can be extended up to 14 days or until full recovery.

## 243. Nasal infections, nasal congestion

The program is recommended for use in cases of nasal infections (rhinitis, sinusitis). The aim of the program is to speed up the recovery process and prevent the disease from becoming chronic. Additionally, the program reduces swelling of the nasal mucosa, thus reducing congestion of the nasal mucosa.

**Main session:** 1 x 15 minutes, 2 times a day, for 7 days or until full recovery.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Sinus inflammation (Sinusitis) (248)* (section Nosology);

### Complementary programs:

- Viral pneumonia 1 (135)



- Allergic rhinitis (7)
- Sinus inflammation (Sinusitis) (248)
- Inflammatory swelling (435)
- Viruses - general program (494)
- Runny nose (Rhinitis) (247)
- General regeneration - recovery (596)
- Strengthening the protective functions of the body (619)

**Repeating the course of the session:** if necessary; The current course of sessions can be extended up to 14 days or until full recovery.

## 244. Inflammation of the voice box (Laryngitis)

This is an inflammatory process of the laryngeal mucosa. The main symptoms of laryngitis are changes in voice (hoarseness, huskiness, total loss of voice), dry cough, dryness and itching in the throat, feeling of a foreign body in the throat while swallowing, throat and chest pain, and signs of intoxication (weakness, chills, elevated body temperature).

The program aims to alleviate inflammation and prevent complications. The program should be used in chronic cases of the disease. In case of acute onset, it can only be used as an additional component of treatment. If dysphonia - voice disorder, wheezing on inhaling, and dry „barking” cough occur, it is necessary to consult a doctor immediately.

**Main session:** 1 x 15 minutes every day for 10-14 days; the number of sessions per day in the first days of illness can be increased.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Throat infections and pain (242)* (section Nosology);  
1 x 15 minutes *Inflammatory swelling (435)* (section Symptoms);

### Complementary programs:

- Viral pneumonia 1 (135)
- Throat and lymph nodes - general program (236)
- Streptococcus - general program (479)
- Cough - general program (424)
- Cramps (spasm) – general program (393)
- General regeneration - recovery (596)

**Repeating the course of the session:** if necessary; The current course of sessions can be extended up to 14 days or until full recovery.

## 245. Middle ear infection (Otitis media)

Middle ear infection (Otitis media) is an acute infection of the middle ear that lasts up to three

months. It is usually a complication of an inflammatory change in the Eustachian tube, which often occurs during a viral infection of the upper respiratory tract. The most common cause of the disease is streptococcus. Clinically, it manifests with the appearance of pain, sometimes sharp pain in the ear. In some cases, there may be discharge of pus from the ear, and a rise in body temperature. When symptoms of ear inflammation appear, consultation with an otolaryngologist is necessary. The program is one of the elements of comprehensive treatment. The aim of the program is to alleviate pain and shorten the treatment time.

**Main session:** 1 x 15 minutes, 2 times a day for 14 days; then 1 time until complete recovery.  
**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Ear pain (377)* (section Symptoms);  
1 x 15 minutes *Ear - general program (237)* (section Nosology);

#### Complementary programs:

- Streptococcus - general program (479)
- Viral pneumonia 1 (135)
- Inflammatory swelling (435)
- Sinus inflammation (Sinusitis) (248)
- Sinus inflammation (Sinusitis) (241)
- Viruses - general program (494)
- General regeneration - recovery (596)
- Chronic middle ear infection (Chronic otitis media) (246)

**Repeating the course of the session:** if necessary.

## 246. Chronic middle ear infection (Chronic otitis media)

In case of insufficient and incomplete treatment, as well as in the presence of risk factors (anomalies in the development of facial and cranial bones; immune deficiency; upper respiratory infections; Sinus inflammation (Sinusitis) and dysfunction of the Eustachian tube), acute ear inflammation can turn into a chronic condition. Ear inflammation that lasts longer than three months is considered chronic.

The program is one of the elements of comprehensive therapy. The aim of the program is to alleviate pain, accelerate the resolution of inflammation in the ear, and prevent the development of possible complications.

**Main session:** 1 x 15 minutes, every day, continuous or until full recovery.  
**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Ear pain (377)* (section Symptoms);  
1 x 15 minutes *Ear - general program (237)* (section Nosology);

#### Complementary programs:

- Streptococcus - general program (479)
- Viral pneumonia 1 (135)
- Inflammatory swelling (435)
- Sinus inflammation (Sinusitis) (248)
- Sinus inflammation (Sinusitis) (241)
- Viruses - general program (494)
- General regeneration - recovery (596)
- Middle ear infection (Otitis media) (245)

**Repeating the course of the session:** if necessary.

## 247. Runny nose (Rhinitis)

Runny nose (Rhinitis) is an inflammation of the nasal mucosa accompanied by congestion or excessive mucus secretion from the nose. Rhinitis is a common symptom of acute viral respiratory infections. Depending on the nature of the disease, in addition to local symptoms, there may be a general deterioration of well-being: fever, weakness, chills, headache, and body aches.

**Main session:** 1 x 15 minutes, 2-3 times a day for 7 days; then 1 time until complete recovery.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);

1 x 15 minutes *Nasal infections, nasal congestion (243)* (section Nosology);

1 x 15 minutes *Viral pneumonia 1 (135)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 3.

### Complementary programs:

- Inflammatory swelling (435)
- Rhinoviruses - general program (515)
- Headache - general program (388)
- Allergic rhinitis (7)
- Cough - general program (424)
- Sinus inflammation (Sinusitis) (248)
- General regeneration - recovery (596)
- Strengthening the protective functions of the body (619)

**Repeating the course of the session:** if necessary.

## 248. Sinus inflammation (Sinusitis)

Sinus inflammation (Sinusitis) is an inflammation of the mucous membrane of the paranasal sinuses and nasal cavity. Sinusitis is a common disease. Children are more likely to be affected than adults, and they also tend to exhibit more severe symptoms. The main cause of acute sinusitis is a viral infection. Sometimes Sinus inflammation (Sinusitis) can be fungal in nature, or can result from ex-

posure to allergens. Acute Sinus inflammation (Sinusitis) is most commonly caused by rhinoviruses during the course of SARS. The main symptom is a prolonged runny nose (rhinitis) lasting over a week. Additionally, there is a feeling of congestion in the nose, tenderness in the face around the nose, strong dryness in the nose and throat, headache, purulent discharge from the nose, elevated body temperature, and a general worsening of well-being. In the chronic form, the symptoms are less severe, but the disease lasts longer, with frequent relapses.

The program aims to alleviate the symptoms of the inflammatory state, improve the patient's overall condition, and shorten the treatment time.

**Main session:** 1 x 15 minutes 2-3 times a day for 7-10 days; then 1 time until complete recovery.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);

1 x 15 minutes *Nasal infections, nasal congestion (243)* (section Nosology);

1 x 15 minutes *Rhinoviruses - general program (515)* (section INFECTIOUS AGENTS);

**Location of gel electrodes for the main and additional sessions:** no 3.

#### **Complementary programs:**

- Inflammatory swelling (435)
- Viral pneumonia 1 (135)
- Headache - general program (388)
- Allergic rhinitis (7)
- Cough - general program (424)
- Runny nose (Rhinitis) (247)
- General regeneration - recovery (596)
- Strengthening the protective functions of the body (619)

**Repeating the course of the session:** if necessary.

### **249. Chronic inflammation of the tonsils (Chronic tonsillitis)**

Chronic inflammation of the tonsils leads to deformation of the tonsils, the formation of adhesions and scars. With a frequently recurring course, the tonsils lose their protective immune function and the risk of complications increases. The disease can develop after angina or as a result of an inflammatory process that has spread to all structures of the nasopharynx. The chronic inflammatory state causes significant discomfort and leads to frequent exacerbations. In the first stage, chronic tonsillitis is asymptomatic. At the peak of the disease, it mainly causes a strong feeling of discomfort in the throat and a constant presence of a lump when swallowing, it is possible to feel weakness and rapid fatigue. In addition, there is a slight increase in body temperature, bad breath, throat and joint pain, inflammation of the lymph nodes in the neck, cough without sputum, frequent sore throats, redness and tonsillar hypertrophy, a purulent coating on their surface. The treatment of chronic tonsillitis can be conservative or surgical, depending on

the severity of the disease.

The aim of the program is to eliminate the symptoms of the disease, prevent complications, and reduce the frequency of exacerbations of chronic tonsillitis. The program can be used for faster recovery in the postoperative period.

**Main session:** 1 x 15 minutes, 2 times a day for 7 days; then 1 time to 14 days.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);

1 x 15 minutes *Throat infections and pain (242)* (section Nosology);

1 x 15 minutes *Streptococcus pyogenes beta-haemolyticus (480)* (section INFECTIOUS AGENTS);

#### **Complementary programs:**

- Normalization of the immune system (1)
- Throat and lymph nodes - general program (236)
- Inflammatory swelling (435)
- Viruses - general program (494)
- Detoxification of bacterial infections (401)
- Detoxification of viral infections (402)
- Candida- general program (525)
- General regeneration - recovery (596)

**Repeating the course of the session:** after 14 days.

## **250. Hearing Loss (Deafness)**

Hearing loss is a persistent hearing impairment that causes difficulty in understanding speech. Tinnitus may occur as a result of certain diseases, abnormal structure of the external and middle ear. It can also occur as a result of damage to the inner ear or auditory nerve, and the disorders are permanent and irreversible. Age-related deafness should be distinguished separately. Age-related deafness gradually affects all parts of the hearing organ involved in the hearing process. As a result of hearing impairment, older adults stop hearing soft sounds, high-frequency sounds (such as bird songs or telephone conversations), and do not distinguish similar consonants in speech. The main causes of hearing damage include the effects of ototoxic drugs as well as viruses and bacteria that cause diseases. Treatment is most effective in the early stages of the disease, but can be carried out at any degree of hearing impairment.

The aim of the program is to slow down the progression and reduce the degree of hearing loss. It is a long-term program that can be used on an ongoing basis.

**Main session:** 1 x 15 minutes, every day, long-term or permanent improvement.

**Additional session:** 1 x 15 minutes *Ear - general program (237)* (section Nosology);

#### **Complementary programs:**

- Tinnitus (446)

- Age-related changes - general program (413)
- Prevention of age-related changes (606)
- Detoxification - general program (397)
- Headache - general program (388)
- Normalization of nervous system functions (184)
- Inflammatory swelling (435)
- General regeneration - recovery (596)
- Chronic middle ear infection (Chronic otitis media) (246)

## 251. Inflammation of the throat and tonsils (Pharyngitis and tonsillitis)

Inflammation of the throat and tonsils (Pharyngitis and tonsillitis) is a combination of inflammation of the throat and tonsils in a chronic course, with the inflammatory focus located in the throat. Children are more susceptible to this disease due to their weak immunity and anatomical characteristics of the oral part of the throat. The disease is usually of bacterial origin. Klebsiella, streptococci, and staphylococci are the causative agents. Inflammation of the throat and tonsils (Pharyngitis and tonsillitis) often occurs against the background of tonsillitis; body hypothermia; decreased immunity; Runny nose (Rhinitis); sinusitis or deviated nasal septum. The symptoms of the disease are recurring symptoms of chronic tonsillitis and angina.

The aim of the program is to eliminate the symptoms of the disease, prevent complications, and reduce the frequency of exacerbations of inflammation of the throat and tonsils.

**Main session:** 1 x 15 minutes, 2 times a day for 7 days; then 1 time to 14 days.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF); 1 x 15 minutes *Throat infections and pain (242)* (section Nosology);

### Complementary programs:

- Tonsillitis - general program (239)
- Throat and lymph nodes - general program (236)
- Inflammatory swelling (435)
- Staphylococcus - general program (474)
- Streptococcus - general program (479)
- Klebsiella (461)
- Detoxification of bacterial infections (401)
- Tonsil enlargement (Tonsillar hypertrophy) (238)
- General regeneration - recovery (596)
- Normalization of the immune system (1)

**Repeating the course of the session:** after 14 days.

# OPHTHALMOLOGY

Section programs are a part of comprehensive therapy for eye diseases and must be combined with treatment recommended by a doctor. The purpose of section programs is to prevent and slow down the progression of eye pathologies and improve visual function in the case of pathologies affecting various eye structures.

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot, ear)	3. Induction loop or built-in inductor
2. Gel electrodes (self-adhesive applied locally to a specific zone) - (Gel electrodes are NOT applied to the postoperative wound area).	4. Induction mat

## 252. Eyes - inflammation

The program is used as an adjunct in all ocular inflammatory diseases (Blepharitis, Hordeolum, Conjunctivitis). The program helps prevent chronic inflammatory conditions and helps eliminate the inflammatory process.

**Main session:** 1 x 15 minutes every day for 7 days.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);

### Complementary programs:

- Inflammation of the eyelids (Blepharitis) (254)
- Stye (hordeolum) (264)
- Pink eye (conjunctivitis) (259)
- Pain - general program (379)

**Repeating the course of the session:** if necessary

## 253. Eyes - extended program

The program is used as a supportive treatment in all ophthalmic diseases, both inflammatory and non-inflammatory. The program is not the only method of therapy, and to be fully effective, it must be combined with other methods and specialized programs.

The program can be used as rehabilitation in the postoperative period and as a preventive measure for ocular complications in diseases of other organs and tissues.

**Main session:** 1 x 15 minutes every day for 7-30 days.

## 254. Inflammation of the eyelids (Blepharitis)

Inflammation of the eyelids (Blepharitis) is an inflammatory condition of the eyelids that causes redness and swelling of the eyelid margins, eyelash loss, and the formation of small, scaly skin areas on the eyelids. At the same time, itching of the eyes and sensitivity to bright light, wind, and dust appear. The main cause of eyelid inflammation is the disruption of the normal functioning of the sebaceous glands on the eyelid edge, which leads to the accumulation of fatty secretions, creating an optimal environment for bacterial growth and the development of eyelid inflammation. Risk factors for the development of the disease include hormonal disorders, skin diseases, the use of cosmetics and care products, and a history of eye diseases.

The goal of the program is to reduce and eliminate the inflammatory process, improve the patient's well-being, and prevent the development of complications.

**Main session:** 1 x 15 minutes every day for 7 days.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Eyes - inflammation (252)* (section Nosology);

### Complementary programs:

- Demodex (458)
- Staphylococcus aureus (476)
- Pink eye (conjunctivitis) (259)
- Pain - general program (379)
- Mycoses- general program (517)
- Allergic problems - general program (2)
- Allergic conjunctivitis (6)
- Itchy skin (421)

**Repeating the course of the session:** if necessary.

## 255. Retinal detachment

Detachment of the retina is the process of separation of the retina from its choroid, which leads to a significant deterioration in vision and blindness. This is a serious problem that requires immediate surgical intervention. Otherwise, irreversible vision loss will occur. The main symptoms of retinal detachment are sudden deterioration in vision, flashes before the affected eye, „floating” vision, and a large number of spider webs before the eyes. The most common risk factors are generally mechanical injuries to the eye or head, myopia, diabetes (Diabetic retinopathy), inflammatory eye diseases, hypertension (frequent hypertensive crises), and high physical exertion.

The goal of the program is postoperative rehabilitation. Additionally, the program can be used as a preventative measure to prevent the development of retinal detachment in patients with existing risk factors.



**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Eyes - extended program (253)* (section Nosology);  
1 x 15 minutes *Vitreous opacities (263)* (section Nosology);

**Complementary programs:**

- Diabetic retinopathy (257)
- High Blood Pressure (Hypertension) (159)
- Improving blood circulation (618)
- Tissue regeneration - general program (614)

**Repeating the course of the session:** after 10-14 days.

## 256. Cataract

The cataract is an eye disease that manifests itself with clouding of the lens or its parts, accompanied by a deterioration of vision leading to blindness. It occurs more frequently in elderly patients, and besides age, the causes of cataracts are diseases and endocrine disorders, bad habits and stress factors, eye injuries, genetic predispositions, and some forms of vitamin deficiency. The goal of the program is to prevent the disease from occurring in the case of existing risk factors, slow down the progression of the disease, and aid in recovery after surgery.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Eyes - extended program (253)* (section Nosology);

**Complementary programs:**

- Normalization of the endocrine system functions (98)
- Age-related changes - general program (413)

**Repeating the course of the session:** po 10 days.

## 257. Diabetic retinopathy

Diabetic retinopathy is damage to the retina in patients with diabetes. Usually, changes in the retina appear after 20 years of the disease. The main cause of the disease is the harmful effect of high sugar on the retina's vessels. In the first stage, the disease can be almost asymptomatic, and when the first signs of the disease appear, it can progress rapidly. The most characteristic symptoms are „floaters“ and „flashes“ in front of the eyes; periodic „blurring“ of vision or the appearance of „cobwebs“ (sometimes there may be bleeding in the eye chamber, which later dissolve spontaneously), acute deterioration of vision; appearance of spots, distortion of lines and objects.

The treatment of diabetic retinopathy is complex and may even involve surgery. The program is used as an additional component of treatment. Additionally, it can be used to slow down the progression of the disease.

**Main session:** 1 x 15 minutes, every day, on an ongoing basis.

**Additional session:** 1 x 15 minutes *Eyes - extended program (253)* (section Nosology);  
1 x 15 minutes *Improving blood circulation (618)* (section PEMF);

**Complementary programs:**

- Tissue regeneration - general program (614)
- Normalization of the endocrine system functions (98)
- Microcirculation disorders in diabetes (112)
- Type I diabetes (116)
- Type II diabetes (117)

## 258. Glaucoma

Glaucoma is an eye disease whose main symptoms are an increase in intraocular pressure and a deterioration of vision due to the blockage of the outflow of intraocular fluid. The constant pressure gradually causes the nervous tissue to die, leading to blindness. This disease is a leading pathology of the visual system. More than 14% of people worldwide who are blind have lost their sight due to glaucoma. Risk factors for the disease include farsightedness, diabetes, dysfunction of the hormonal and nervous systems, eye injury, and a family history of glaucoma. This pathology can develop for a long time in a hidden stage. Signs of glaucoma include periodic sensations of cutting and heaviness in the affected eye area, a reduction in the visual field, fog before the eyes, deterioration of vision at dusk (in the evening and at night), and redness of the eyeball. The main danger of glaucoma is that without rapid detection of the disease and prompt treatment, vision is irreversibly lost. The lost visual characteristics of glaucoma cannot be restored, only the progress of the disease can be stopped.

The goal of the program is to slow down the progression of the disease, lower intraocular pressure, and prevent the development of complications of glaucoma. In addition, the program can be used in the postoperative period to speed up recovery.

**Main session:** 1 x 15 minutes every day for 3 months.

**Additional session:** 1 x 15 minutes *Eyes - extended program (253)* (section Nosology);  
1 x 15 minutes *Improvement of visual acuity - general program (262)* (section Nosology);  
1 x 15 minutes *Improving blood circulation (618)* (section PEMF);

**Complementary programs:**

- Normalization of nervous system functions (184)
- Nerve tissue regeneration (612)
- Tissue regeneration - general program (614)
- Normalization of the endocrine system functions (98)
- Diabetic retinopathy (257)

- Age-related changes - general program (413)

**Repeating the course of the session:** po 10-14 days.

## 259. Pink eye (conjunctivitis)

Conjunctivitis, also known as pink eye, is inflammation of the mucous membrane that covers the back surface of the eyelids and the front surface of the eyeball (up to the cornea). The main causes of conjunctivitis are bacteria (such as pneumococci, streptococci, staphylococci, proteus, Klebsiella, Escherichia coli, tuberculosis bacilli, etc.), viruses (adenoviruses, enteroviruses, herpes viruses, measles, and chickenpox), allergic and autoimmune reactions, as well as non-infectious causes (such as exposure to aggressive chemicals, dust, ultraviolet light, high temperature). Pink eye (conjunctivitis) is characterized by the following symptoms: redness and swelling of the eyelids and sclera, sensitivity to light, a sensation of foreign body or „grit” in the eyes, and decreased visual acuity.

The program aims to reduce and eliminate the inflammatory process and prevent the development of complications.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Eyes - inflammation (252)* (section Nosology);

### Complementary programs:

- Viruses - general program (494)
- Bacteria - general program (448)
- Pain - general program (379)
- Viral pneumonia 1 (135)
- Adenoviral infection (128)
- Allergic conjunctivitis (6)

**Repeating the course of the session:** repeat programs without interruptions if necessary.

## 260. Macular degeneration

A chronic disease characterized by pathological changes in the important part of the retina - the macula. The disease leads to central vision loss, making it impossible for the patient to distinguish object details either from a distance or up close. At the same time, peripheral vision (side vision) is preserved. For example, a patient will see the numbers on a clock face well, but the hands - poorly. Macular degeneration occurs in both young and older people, but is more common in those over 50 years of age.

The main goal of the program is to prevent or slow the progression of the disease in people with existing risk factors. The program is part of a comprehensive treatment for macular degeneration.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Eyes - extended program (253)* (section Nosology);  
1 x 15 minutes *Improvement of visual acuity - general program (262)* (section Nosology);

**Complementary programs:**

- Tissue regeneration - general program (614)
- Age-related changes - general program (413)

**Repeating the course of the session:** after 10-14 days.

## 261. Optic nerve inflammation (Optic neuritis)

The inflammatory process, whose main causes are inflammation of the meninges and brain; some chronic infections such as syphilis, tuberculosis; general diseases such as diabetes, gout, blood disorders; some local infections (sinusitis, tonsillitis, ear inflammation); pregnancy pathology; alcohol poisoning; various injuries, especially multiple sclerosis. The characteristic symptoms of optic neuritis are pain when moving the eyes, reduced color clarity, inability to distinguish color shades, blind spot, blindness and partial loss of vision.

The aim of the program is to accelerate the process of visual recovery. Additionally, using the program helps to reduce the risk of developing optic neuritis or slow down its progression.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Acute pain (380)* (section Symptoms);  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Eyes - extended program (253)* (section Nosology);

**Complementary programs:**

- Normalization of nervous system functions (184)
- Nerve tissue regeneration (612)
- Tissue regeneration - general program (614)
- Detoxification - general program (397)
- Normalization of the endocrine system functions (98)
- Multiple sclerosis (208)

**Repeating the course of the session:** after 10-14 days.

## 262. Improvement of visual acuity - general program

This is a general mode applied for all refractive errors (myopia, hyperopia, and astigmatism). Myopia is a condition where distant objects appear blurred, while hyperopia is a visual impairment where distant objects are clearer than close objects. Astigmatism is a condition where the individual sees distorted objects (some clearly, others blurred), leading to a decrease in visual acuity.

The goal of the program is to alleviate eye strain, accommodation spasm, and ultimately improve visual acuity. Additionally, the program can be used in the postoperative period, after laser vision correction, to expedite recovery.

**Main session:** 1 x 15 minutes, every day, long period.

**Complementary programs:**

- Normalization of nervous system functions (184)
- Nerve tissue regeneration (612)

## 263. Vitreous opacities

In its normal state, the vitreous body of the eye is transparent, but under the influence of certain factors, its homogeneity is disturbed, it loses transparency and a person begins to see transparent floaters, cobwebs, and spots in front of their eyes. Such blurs are particularly clearly visible when a person looks at bright objects (e.g. a white wall, the sky, snow), usually they move in the direction of eye movement. The cloudiness is permanent and does not disappear over time, it does not cause pain, redness, but it interferes with daily life.

The main cause of vitreous body cloudiness is primarily age-related changes, but in 15% of cases, sudden appearance of floating cloudiness and lightning is caused by retinal tear or detachment. Therefore, when such symptoms appear, urgent medical consultation is necessary.

The program is used in the treatment of uncomplicated forms of vitreous body cloudiness. Additionally, it is used for preparation and in the recovery process after surgery.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Eyes - extended program* (253) (section Nosology);  
1 x 15 minutes *Retinal detachment* (255) (section Nosology);

**Complementary programs:**

- Diabetic retinopathy (257)
- High Blood Pressure (Hypertension) (159)
- Improving blood circulation (618)
- General regeneration - recovery (596)

**Repeating the course of the session:** after 10-14 days.

## 264. Stye (hordeolum)

Acute purulent inflammation of the sebaceous gland at the edge of the eyelid, accompanied by itching and pain in the eyelid. The most common causes of styes are staphylococci or streptococci. Various external and internal factors may increase the risk of development, such as hypothermia, micro-injuries to the eyelid, decreased immunity, hypovitaminosis of vitamins A, B

and C, anemia, allergic reactions, worm infestations, acne, diabetes, improper storage and use of contact lenses, use of low-quality cosmetics and infected makeup tools.

The goal of the program is to reduce and eliminate the inflammatory process, accelerate the healing process, and prevent the recurrence of the disease.

**Main session:** 1 x 15 minutes, several times a day, until symptoms subside.

**Additional session:** 1 x 15 minutes *Acute pain (380)* (section Symptoms);

1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);

1 x 15 minutes *Eyes - extended program (253)* (section Nosology);

**Complementary programs:**

- Staphylococcus aureus (476)
- Streptococcus - general program (479)

**Repeating the course of the session:** after 10-14 days.

# PSYCHIATRY / PSYCHOLOGY

Psychiatric and behavioral disorders are one of the most complex medical problems that affect people all over the world. Depending on the manifestation of the characteristics of mental disorders, they can drastically affect the image and quality of life of a person or be practically unnoticed. Mental disorders are a broad range of pathologies caused by changes in the human psyche. These changes directly or indirectly affect the way of life of the person in society, their ability to work, ability to perform daily tasks, and adequate perception of events happening around them. The programs in this department are part of the therapy and rehabilitation of various mental illnesses. The main goal of the programs is to improve the overall condition of the patient.

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot)	3. Induction loop or built-in inductor
2. Gel electrodes (self-adhesive applied locally to a specific zone) - (Gel electrodes are NOT applied to the postoperative wound area).	4. Induction mat

## 265. Autism

Autism is a serious mental disorder that arises as a result of disturbances in the human brain and is an extreme form of self-isolation. The disease is quite common, with Autism occurring in six out of a thousand people on average. Boys are more likely to be affected than girls. Signs of Autism usually appear before the age of 3. The causes of the disease are not well understood, but it is believed that genetic factors play a leading role. A link has also been proven between the occurrence of Autism in a child and the peculiarities of the course of pregnancy in the mother: fetal prematurity; the use of valproic acid medications by the mother during pregnancy to treat epilepsy, manic-depressive psychosis, migraines, and gestational diabetes (diabetes that develops during pregnancy). In addition, the risk of giving birth to a child with Autism increases with the age of the parents. The main symptoms of Autism include:

- Impaired social contact - attempting to make contact with children causes irritation and a desire to escape;
- Play features - a child with Autism plays with toys or household objects in a special way: sorts, arranges, arranges by shape or color, the game has no plot, the child performs a sequence of actions according to a strict plan, and changes or inability to follow the sequence lead to anxiety and hysteria;
- Speech and intellectual disorders;

- Lack of self-preservation instinct;
- Perception of oneself and other people - children with Autism are egocentric, lacking a sense of compassion and pity because they perceive others as objects rather than living beings, while maintaining a strong inner attachment to the mother, which is manifested externally as stress even in cases of short-term separation.

In adults, Autism manifests itself in various ways. In a mild form, there is a violation of social contacts, but the person partially adapts to society and cannot count on the help of outsiders and choose a field of activity requiring high qualifications. In a serious form, an adult with Autism requires constant observation and care.

Thanks to timely diagnosis of Autism, correction, regular observation, and support, there are no serious consequences of Autism. The treatment of Autism is long-term, complex, and multi-component. Among the main diagnostic methods, it is recommended to conduct a diagnostic test for infections, especially toxoplasmosis, human herpesvirus type 1, human herpesvirus type 2, human herpesvirus type 4 (Epstein-Barr), rubella virus, and parasitic worms. Antiparasitic treatment should be carried out carefully to avoid increased toxicity, which will manifest as behavioral disorders. It is recommended to follow the scheme: „gentle antiparasitic therapy and enhanced detoxification.” It is mandatory to take sorbents and herbal diuretics.

The main goal of the program is to alleviate anxiety and depression in patients with Autism and improve their response to the surrounding world. The program is complementary and used in conjunction with other methods of therapy.

**Main session:** 1 x 15 minutes, every day . Children 2-5 years 7 minutes  
**Additional session:** 1 x 15 minutes (children 2-5 years 7 minutes )*Normalization of nervous system functions (184)* (section Nosology);  
 1 x 15 minutes (children 2-5 years 7 minutes ) *Developmental delay, symptomatic (268)* (section Nosology);  
 1 x 15 minutes (children 2-5 years 7 minutes )*Children's mental disorders (278)* (section Nosology). It's long-term therapy. Stay in touch with a bioresonance therapist

**Complementary programs:**

- Aggression and anger reduction program (578)
- Mood Improvement Program (580)
- Development of intellectual abilities (582)

**Sample antiparasitic session:**



**Main session:** Depending on the etiology 5 sessions, 1 every other day. Children 2-5 years 7 minutes each session.

1 x 15 minutes *Toxoplasm* (482) (section INFECTIOUS AGENTS);

1 x 15 minutes *Intoxication by removing toxins* (410) (section Symptoms);

1 x 15 minutes *Lymphatic drainage 1* (408) (section Symptoms);

**Complementary programs:**

- Human Herpesvirus 1 (Herpes Simplex) (506)
- Human Herpesvirus 2 (507)
- Human Herpesvirus 4 (EBV) (509)
- Nematodes - general program (544)
- Flukes - general program (546)
- Tapeworms - general program (545)
- Detoxification - general program (397)
- Detoxification of viral infections (402)
- Detoxification in a parasitic infections (406)

## 266. Childhood autism - for children above 2 years

Child Autism should be mentioned if a child shows symptoms of Autism at the age of 12-18 months. The reason is usually genetic disorders. The clinical picture corresponds to the picture of the ordinary form of Autism. The program is complementary and used together with other treatment methods. The aim of the program is to alleviate anxiety and depression in patients with Autism and improve their reaction to the surrounding world. Additionally, the program contributes to a better adaptation of the child to society.

**Main session:** 1 x 7 minutes (2-5 years old) above 5 years old 15 minutes. each program, everyday for 2 months . The session should be conducted in consultation with the therapist

**Complementary programs:**

- Normalization of nervous system functions (184)
- Developmental delay, symptomatic (268)
- Children's mental disorders (278)
- Aggression and anger reduction program (578)
- Mood Improvement Program (580)
- Development of intellectual abilities (582)

## 267. Autistic disorders

The Autism Spectrum Disorders are a wide range of different disorder forms that share common

characteristics, namely difficulties in building social relationships, communication, and specific stereotypical behaviors. The main symptoms of autism spectrum disorders include lack of eye contact from the child, lack of interest in the surrounding world, the child's language development does not correspond to their age, the child has stereotypical movements, such as finger snapping, turning their head, or rocking, they protest against changes in their environment or lifestyle (e.g. against changing furniture in the house or changing the route to kindergarten), they have a limited range of preferences, for example, they play only with one (often unusual) object, they often and repeatedly arrange their toys in a row, they require strict adherence to established rituals, they strongly react to any changes (e.g. insisting on following the same sequence of actions when buying something in a store, or only eating with specific utensils, wearing only certain clothes, always walking the same way).

The program should be used when there is no clear diagnosis of autism, but the child has symptoms that are characteristic of autism. Additionally, the program can be used as an additional element of treatment for other mental disorders.

**Main session:** 1 x 15 minutes, every day. Children 2-5 years old 7 minutes. The session should be conducted in consultation with the therapist

#### **Complementary programs:**

- Normalization of nervous system functions (184)
- Developmental delay, symptomatic (268)
- Children's mental disorders (278)
- Aggression and anger reduction program (578)
- Mood Improvement Program (580)
- Development of intellectual abilities (582)

## **268. Developmental delay, symptomatic**

Developmental delay is a complex of disorders and deviations that lead to delayed development of mechanisms and mental functions in a child. The first signs of developmental delay usually appear at the age of 5, and over time the symptoms worsen. The main symptoms include delayed language development, isolation, excessive shyness, sudden mood swings, concentration problems, memory problems, and a play process that is the same, built on repeating the same actions, and is simple.

The aim of the program is to adjust the child to the surrounding world and society, alleviate anxiety and stress, and improve memory and concentration. It is one of the components of comprehensive therapy.

**Main session:** 1 x 15 minutes, every day.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology);

1 x 15 minutes *Autistic disorders (267)* (section Nosology);

1 x 15 minutes *Children's mental disorders (278)* (section Nosology).

**Complementary programs:**

- Learning program (576)
- Development of intellectual abilities (582)
- Attention program (575)
- Memory development (583)

## 269. Intellectual disability

Intellectual disability is a mental disorder caused by developmental delay, which is characterized by impaired intellectual abilities. Today, the disease has four stages, divided according to IQ level: mild, when IQ is 50-69 (outwardly, such children do not differ from their peers, but they have difficulty learning, have reduced concentration, sometimes changes in behavior are observed, the child becomes withdrawn and avoids communication); moderate, when IQ is 35-49 (children are very attached to their parents and teachers, can recognize emotions directed towards them, can read, write, and count, but regardless, they need care and constant monitoring); severe, when IQ is 20-34 (children cannot learn, cannot speak, move awkwardly, can only express displeasure, pleasure, other emotions are unavailable to them, children need supervision, help, and therefore must be in specialized institutions); and profound, when IQ is below 20. The main causes of intellectual disability are genetics and the influence of environmental conditions. Toxic factors and radiation that affect the embryo in the first trimester can increase the risk of the disease. Severe infections in pregnant women (Rubella (Roseola), flu), birth injuries with brain damage, fetal hypoxia, and alcohol, drugs, and smoking during pregnancy are also contributing factors. A comprehensive approach to therapy helps to choose the most effective methods for each individual. Therapy includes a special diet, sessions with a speech therapist, psychologist, and rehabilitation programs. The program serves as an additional method to strengthen the effect. The disease is incurable, but significant improvement of the patient's overall condition is possible with the right techniques, especially if the disease is mild or moderate. The aim of the program is to adapt the child to the surrounding world and society, and improve memory and concentration.

**Main session:** 1 x 15 minutes, every day.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology);

1 x 15 minutes *Autistic disorders (267)* (section Nosology);

1 x 15 minutes *Children's mental disorders (278)* (section Nosology).

**Complementary programs:**

- Learning program (576)
- Development of intellectual abilities (582)
- Attention program (575)
- Memory development (583)

## 270. Internal anxiety and fear

The program can be used both in stressful situations and on a regular basis to normalize overall well-being and achieve inner harmony.

**Main session:** 1 x 15 minutes, every day, for month

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology);

1 x 15 minutes *Calming down program (280)* (section Nosology);

**Complementary programs:**

- Irritability reduction program (579)
- Emotional harmony program (581)
- Mood Improvement Program (580)
- Vigor and energy program (574)
- Improving general well-being (617)
- Sleep regulation - insomnia (287)

**Repeating the course of the session:** if necessary

## 271. Hypochondria

Improved action program. Used for hypochondria.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Emotional harmony program (581)* (section PEMF);

**Complementary programs:**

- Psychosomatic pain (383)
- Improving general well-being (617)
- Vigor and energy program (574)

- Sleep regulation - insomnia (287)

**Repeating the course of the session:** regularnie, if it is necessary.

## 272. Dementia

Dementia is a set of symptoms characterized by a greater-than-expected decline in cognitive function (i.e., thinking ability) with normal aging. The main causes of dementia are significant reductions or cessation of blood flow to certain areas of the brain, general body intoxication, and brain infections. The genetic factor plays an important role in the development of dementia. The main symptoms of dementia include a decline in memory, attention, decision-making ability, and learning ability with impaired memory of past and present events. Patients with dementia gradually lose their orientation in space and time, and inappropriate behavior is often observed. In addition, headaches, increased fatigue, general weakness, dizziness, and sleep disturbances may be observed. Vascular dementia can occur with significant neurological changes. The disease is incurable, but the progression of the disease can be slowed down and some unpleasant symptoms can be eliminated.

The program aims to prevent the development of the disease in the presence of risk factors, slow the progression of dementia, and improve cognitive function and memory. The program is complementary to other therapeutic methods.

**Main session:** 1 x 15 minutes, every day, up to date.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology);

1 x 15 minutes *Improving blood circulation (618)* (section PEMF);

1 x 15 minutes *Memory development (583)* (section PEMF);

### Complementary programs:

- Headache - general program (388)
- Age-related changes - general program (413)
- Hearing impairment (430)
- Nerve tissue regeneration (612)
- Improving general well-being (617)
- Vigor and energy program (574)
- Sleep regulation - insomnia (287)

**Repeating the course of the session:** regularnie, if it is necessary.

## 273. Depressive syndrome

Depression is a disease in which a person feels down for a long time, loses interest in activities that used to bring pleasure, and is unable to perform daily tasks. Women are more prone to de-

pression than men. Conditions that can lead to depression include head injuries, chronic inflammatory processes in the body, regular stress, emotional overload, vitamin deficiencies, and general exhaustion due to previous illnesses. The symptoms of depression are divided into main and additional. The main symptoms include a worsening of mood without external causes, increased fatigue, and persistent loss of interest in favorite activities. Additional symptoms of depression include pessimism, suicidal thoughts, feelings of depression, panic attacks, or guilt, a decrease in self-esteem, and any sleep and appetite disorders. Psychotherapy is the main treatment for depression. Other therapy methods are supportive in nature.

**Main session:** 1 x 15 minutes, every day for at least a month.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology);

1 x 15 minutes *Improving general well-being (617)* (section PEMF);

**Location of gel electrodes for the main and additional sessions:** no 2.

#### **Complementary programs:**

- Headache - general program (388)
- Vigor and energy program (574)
- Sleep regulation - insomnia (287)
- Aggression and anger reduction program (578)
- Mood Improvement Program (580)
- Emotional harmony program (581)

**Repeating the course of the session:** regularly, if it is necessary.

## **274. Dysthymia, Neurotic depression**

Dysthymia is a chronic, but milder form of depression. In the case of dysthymia, a person loses interest in normal daily activities and lives with a sense of hopelessness. Their self-esteem drops, productivity decreases, and they lose the sense of adequacy in what is happening. Sadness, irritability, increased fatigue, and lack of energy, low self-esteem, and sleep problems may also accompany this state. Such a condition can last for years and significantly affect relationships, work, studies, and all other daily activities. Possible causes include genetic factors, changes in hormonal background or other processes in the body, chronic stress or dramatic events in life such as war, loss of a loved one, serious illness, inability to cope with stress, and individual characteristics such as social isolation, addictions, or a tendency to depression.

The aim of the program is to alleviate the course of dysthymia, improve the patient's mood and general well-being. To enhance the effect of treatment, it should be used in combination with other methods.

**Main session:** 1 x 15 minutes, every day at least month.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology);

1 x 15 minutes *Improving general well-being (617)* (section PEMF);

**Location of gel electrodes for the main and additional sessions:** no 2.

**Complementary programs:**

- Headache - general program (388)
- Vigor and energy program (574)
- Sleep regulation - insomnia (287)
- Mood Improvement Program (580)
- Emotional harmony program (581)

**Repeating the course of the session:** regularly, if it is necessary.

## 275. Postnatal Depression

Postnatal depression is a depressive state that occurs in women after child birth. Early postnatal depression usually appears 1-3 days after childbirth and is usually of a hormonal nature. Late postnatal depression develops gradually. The main symptoms of postnatal depression are: a low mood, loss of interest and ability to experience pleasure, sudden fatigue, difficulties with concentration, a gloomy view of the future, sleep disturbances and changes in appetite.

The program is used in the postpartum period to prevent the development of postnatal depression or to reduce its clinical symptoms and improve the overall condition of the woman.

**Main session:** 1 x 15 minutes every day for month.

**Location of gel electrodes for the main session:** no 2.

**Complementary programs:**

- Mood Improvement Program (580)
- Headache - general program (388)
- Vigor and energy program (574)
- Sleep regulation - insomnia (287)
- Aggression and anger reduction program (578)
- Emotional harmony program (581)

## 276. Depression in endocrine disorders

The program is used in case of the occurrence of depressive symptoms in patients with endocrine disorders. It can be used both in the prevention of depressive disorders and in therapy in combination with other methods.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Normalization of the endocrine system functions (98)* (section Nosology);

1 x 15 minutes *Improving general well-being (617)* (section PEMF);

**Location of gel electrodes for the main session:** no 2.

**Complementary programs:**

- Stress (288)
- Stress – hormonal regulation (289)
- Headache - general program (388)
- Vigor and energy program (574)
- Sleep regulation - insomnia (287)
- Aggression and anger reduction program (578)
- Mood Improvement Program (580)
- Emotional harmony program (581)

**Repeating the course of the session:** regularly, if it is necessary.

## 277. Seasonal depression

The program is used in cases of symptoms of depressive syndrome in patients with endocrine diseases. It can be used both in the prevention of depressive disorders and in therapy in combination with other methods.

Seasonal depression, also known as seasonal affective disorder, is a type of depression that occurs during a specific time of the year and recurs at the same time for at least two consecutive years. It most commonly occurs in the fall and winter. The symptoms are similar to those of depressive disorder: prolonged sleep, difficulty waking up, morning and daytime depressive state; constant feelings of despair, anxiety, fatigue, decreased interest in life values, worsened mood and self-esteem; weakness, frequent colds; social problems: irritability, explosiveness, desire to avoid social contacts, communication with loved ones and friends, and lack of interest in any activity.

The program is used during the fall-winter period to prevent the development of seasonal depression or to reduce its clinical symptoms and improve the general condition of the patient.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Improving general well-being (617)* (section PEMF);

**Location of gel electrodes for the main session:** no 2.

**Complementary programs:**

- Dependence on the weather
- Headache - general program (388)



- Vigor and energy program (574)
- Sleep regulation - insomnia (287)
- Mood Improvement Program (580)
- Emotional harmony program (581)

**Repeating the course of the session:** regularly, if it is necessary.

## 278. Children's mental disorders

The program is used for all types of mental disorders in children (autism, developmental delay, intellectual disability, schizophrenia, and others). To enhance the effectiveness of therapy, it should be used in combination with specific programs and other treatment methods. Also consult a bioresonance therapist

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology);

### Complementary programs:

- Autism (265)
- Childhood autism (266)
- Autistic disorders (267)
- Intellectual disability (269)
- Schizophrenia – general programme (292)

**Repeating the course of the session:** regularly with a break of 21 days.

## 279. Stutter

The program is used in cases where stuttering is acquired.

**Main session:** 1 x 15 minutes every day for 1-2 months.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology);

### Complementary programs:

- Post-traumatic stress disorder (PTSD) (290)
- Stress (288)
- Obsessive-compulsive disorder (OCD) (281)
- Sleep regulation - insomnia (287)
- Psychological trauma (285)
- Calming down program (280)

## 280. Calming down program

This is a general program that can be used for all conditions accompanied by stress, irritability, and excessive excitement. Additionally, the program can be used for panic attacks in combination with the basic program.

**Main session:** 1 x 15 minutes every day for month or the entire period of treatment of the main disease.

## 281. Obsessive-compulsive disorder (OCD)

The Obsessive-Compulsive Disorder (OCD) is a condition in which a person is overwhelmed by disturbing thoughts that they cannot get rid of. This disease affects 3% of the adult population. Usually, the disorder develops after a severe psychological trauma or long-term mental discomfort. Symptoms of OCD include obsessive thoughts and actions; constant doubts and checking if everything is okay; ritual actions; phobias; obsessive counting (the patient begins to count literally everything: sticks on the road, the number of red/white/any other color of cars, matches in a box) and inadequate perfectionism.

The goal of the program is to improve the patient's condition, reduce anxiety and improve their adaptation to changing life conditions.

**Main session:** 1 x 15 minutes, every day, 2-3 months.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology);  
1 x 15 minutes *Emotional harmony program (581)* (section PEMF).

### Complementary programs:

- Internal anxiety and fear (270)
- Sleep regulation - insomnia (287)
- Mood Improvement Program (580)

**Repeating the course of the session:** regularly, if it is necessary.

## 282. Disturbance in attention (ADD)

Inattention can manifest as the inability to concentrate or excessive concentration on one activity or object. Types of inattention include true (functional) inattention - resulting from monotonous and repetitive work, strong fatigue, illness, insomnia, or headache - and imaginary inattention - resulting from difficulty dividing attention between different external and internal aspects of life. Such inattention is a negative consequence of deep internal concentration

(a person makes a mistake because they are focused on solving an important task or their own feelings and experiences, so at that moment they do not notice what is happening around them).

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Emotional harmony program (581)* (section PEMF).

**Complementary programs:**

- Learning program (576)
- Mood Improvement Program (580)

**Repeating the course of the session:** regularly, if it is necessary

## 283. Panic attacks

A short episode of intense anxiety that causes physical sensations of fear, such as rapid heart-beat, shortness of breath, or dizziness. Panic attacks occur unexpectedly and are usually not related to any external threat. The causes of a panic attack may include chronic stress, acute stress, intense physical exercise, excessive caffeine consumption, illness, and sudden environmental change, such as entering a crowded, hot, or stuffy place. Panic attacks typically manifest with some of these signs or symptoms: a sense of impending doom or danger; fear of losing control or fear of death; a sense of unreality or detachment; rapid, accelerated heartbeat; tremors, shivers, trembling limbs; sweating; shortness of breath; fever; nausea; stomach cramps; chest pain; headaches; dizziness, mental fog, weakness.

The program is recommended for preventing the development of panic attacks or preventing recurring attacks. Additionally, it can be used to alleviate the condition during a panic attack, in combination with other methods of treatment.

**Main session:** 1 x 15 minutes every day for 1-2 days; prophylactically - during 10-14 days.

**Additional session:** 1 x 15 minutes *Calming down program (280)* (section Nosology);

**Complementary programs:**

- Internal anxiety and fear (270)
- Post-traumatic stress disorder (PTSD) (290)
- Stress (288)
- Obsessive-compulsive disorder (OCD) (281)
- Psychological trauma (285)
- Dizziness (418)
- Psycho-vegetative syndrome (284)

**Repeating the course of the session:** if necessary.

## 284. Psycho-vegetative syndrome

Psycho-vegetative syndrome is a disturbance of the natural functioning of the autonomic nervous system, which manifests as symptoms of disorders of many different organs. It is one of the clinical symptoms of vegetative-vascular dystonia and can occur with panic attacks and vegetative crises. The characteristic feature of the disease is that the organs that the patient complains about are often found to be healthy. The main factors causing the disease are: pathologies of the nervous system; neuroses, psychological and psychosomatic disorders. In addition, vegetative dystonia can be caused by organic brain damage and endocrine changes in the body (which is why adolescents and women going through menopause are at risk). The main symptoms include: chest pain; increased heart rate; blood pressure disturbances; dizziness; headache; profuse sweating; cold extremities; tremors; nausea; diarrhea; shortness of breath; pale skin and others. The symptoms of the syndrome are numerous, and their manifestation is individual and related to many characteristics of each organism.

The goal of the program is to improve the general well-being of people with psycho-vegetative syndrome, normalize blood pressure, heart rate, and breathing. If the overall condition worsens or organic causes of the disease are detected, it is necessary to consult a doctor.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology);

1 x 15 minutes *Calming down program (280)* (section Nosology);

### Complementary programs:

- Headache - general program (388)
- Internal anxiety and fear (270)
- Stress (288)
- Obsessive-compulsive disorder (OCD) (281)
- Dizziness (418)
- Normalization of the endocrine system functions (98)

**Repeating the course of the session:** if necessary

## 285. Psychological trauma

Psychological trauma is an event or life situation that affects significant aspects of a person's existence and leads to deep psychological stress. The occurrence of a psychological trauma is considered to be a consequence of an incomplete response of the organism to a traumatic event. A person after a trauma may experience denial, anger, fear, disorientation, anxiety, hopelessness, irritability, and difficulties with concentration. In addition to emotional symptoms, physical symptoms may also occur, such as headaches, indigestion, fatigue, rapid heart rate, sweating,

trembling, sleep and coordination problems.

The goal of the program is to speed up the process of recovery after a psychological trauma and to improve the person's emotional state.

**Main session:** 1 x 15 minutes, every day, 2-3 months.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology);

1 x 15 minutes *Calming down program (280)* (section Nosology).

**Complementary programs:**

- Internal anxiety and fear (270)
- Panic attacks (283)
- Post-traumatic stress disorder (PTSD) (290)
- Sleep regulation - insomnia (287)
- Mood Improvement Program (580)

**Repeating the course of the session:** regularly, if it is necessary.

## 286. Irritation, Irritability

I apologize for the previous message. Here is the corrected translation:

Irritability is a transient reaction or a lasting character trait characterized by an intensified emotional response to external and internal factors. Irritability can manifest itself as anger, wrath, aggression, increased heart rate, breathing, etc. Provocative factors can be various aspects of life - loud or repetitive sound, conversation, bright or too weak light, etc. In some cases, increased irritability may be a manifestation of a mental or somatic illness such as neurosis, schizophrenia, epilepsy, stroke, brain tumors, and hormonal diseases (especially hyperthyroidism, diabetes, and Cushing's disease).

The purpose of the program is to reduce irritability and improve the general state of the person. If irritability is a symptom of a disease, the program should be used in conjunction with specific programs and other treatment methods.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Calming down program (280)* (section Nosology);

**Complementary programs:**

- Normalization of nervous system functions (184)
- Normalization of the endocrine system functions (98)
- Internal anxiety and fear (270)
- Schizophrenia – general programme (292)

**Repeating the course of the session:** after if necessary 7-10 days.

## 287. Sleep regulation - insomnia

The program is used for insomnia, disruption of the sleep onset phase, difficulty awakening, or deterioration in sleep quality. It can be used as an adjunct to alleviate symptoms of sleep disorders in cases of stress, depression, psychological trauma, and other mental and psychiatric illnesses.

**Main session:** 1 x 15 minutes, every day, continue best evening,.

**Additional session:** 1 x 15 minutes *Calming down program (280)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 2.

### Complementary programs:

- Normalization of nervous system functions (184)
- Emotional harmony program (581)

## 288. Stress

Stress is a state of mental tension, a response of the body to danger that arises during activities in difficult and challenging conditions. Stress is manifested by the following symptoms: difficulty falling asleep, tension, fatigue, tachycardia, pain, gastrointestinal disturbances, decreased ability to experience pleasure, poor concentration, indecisiveness, and anxiety.

The program aims to improve the emotional state and normalize the general condition.

**Main session:** 1 x 15 minutes every day for 14 - 30 days.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology);

1 x 15 minutes *Calming down program (280)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 2.

### Complementary programs:

- Internal anxiety and fear (270)
- Emotional harmony program (581)
- Tachycardia, Tachycardia paroxysmal (175)
- Sleep regulation - insomnia (287)
- Improving general well-being (617)
- Strengthening the protective functions of the body (619)

## 289. Stress - endocrine regulation

The main hormones released in a Stressful situation are adrenaline and cortisol, which help mobilize the body's forces and survive the Stressful situation. But if Stress becomes chronic, hormonal insufficiency occurs, which leads to dysfunction of the whole body. As a result, diabetes, obesity, adrenal pathologies, and thyroid diseases may develop.

The program aims to normalize the hormonal regulation in response to Stress factors on the body.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Normalization of the endocrine system functions (89)* (section Nosology);

1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 2.

**Complementary programs:**

- Calming down program (280)
- Internal anxiety and fear (270)
- Emotional harmony program (581)
- Sleep regulation - insomnia (287)
- Improving general well-being (617)
- Strengthening the protective functions of the body (619)

## 290. Post-traumatic stress disorder (PTSD)

The program is used as an additional method of treatment for reducing emotional and physical symptoms of post-traumatic stress disorder and improving daily functioning of a person. Post-traumatic stress disorder is a mental disorder that develops in some individuals after experiencing or witnessing very stressful, frightening, or unpleasant events. Any situation that a person considers traumatic can cause post-traumatic stress disorder. The main causes of the disorder are disasters, wars, terrorist acts, natural disasters, serious accidents, physical or sexual violence, traumatic events at work, serious health problems such as serious illnesses, surgeries, intensive care unit hospitalization, or a difficult childbirth or pregnancy such as the loss of a child. Symptoms include unwanted recurring memories of the trauma, avoidance of people or events that remind of the trauma, negative emotions, and feelings of anxiety and worry. People with post-traumatic stress disorder often experience more negative emotions than before, including sadness, anger, and loss of pleasure from things that used to bring them joy. Treatment of post-traumatic stress disorder is complex and multifaceted, with psychotherapy being the main method of treatment. The program is an additional method of treatment used to strengthen the effect and improve the outcomes of treatment.

**Main session:** 1 x 15 minutes every day for 2-3 months.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology);

1 x 15 minutes *Calming down program (280)* (section Nosology);

1 x 15 minutes *Emotional harmony program (581)* (section PEMF);

**Location of gel electrodes for the main and additional sessions:** no 2.

### **Complementary programs:**

- Internal anxiety and fear (270)
- Panic attacks (283)
- Obsessive-compulsive disorder (OCD) (281)
- Sleep regulation - insomnia (287)
- Improving general well-being (617)
- Normalization of the immune system (1)
- Vigor and energy program (574)

**Repeating the course of the session:** if necessary.

## **291. Phobias - general program**

Uncontrolled imposition of anxieties and beliefs that intensifies in unpredictable situations, causing anxiety about something regardless of the cause. Phobic disorder is a fairly common type of neurosis, affecting about 5% of the world's population. Currently, over 500 types of phobias have been described. The most common are social phobia (a type of phobia characterized by clear anxiety about being the center of attention of strangers and behaving in a way that will cause humiliation or embarrassment) and agoraphobia (a type of phobia associated with „helplessness if things suddenly go wrong“; this type of phobia manifests as anxiety about traveling alone, being among unfamiliar people).

Below are the most popular types of phobias encountered in people.

### **1. Animal or insect phobias:**

Cynophobia - fear of dogs; Gatophobia - fear of cats; Arachnophobia - fear of spiders; Ophidiophobia - fear of snakes.

### **2. Situation-related phobias:**

Claustrophobia - anxiety about confined spaces; Ochlophobia - anxiety about crowded places; Monophobia - anxiety about loneliness; Xenophobia - fear of foreigners, outsiders.

**3. Phobias related to the forces of nature:** Acrophobia - fear of heights; Nyctophobia - fear of darkness, night; Aquaphobia - fear of water; Pyrophobia - fear of fire; Thalassophobia - fear of the sea.

**4. Health-related phobias:** Dentophobia - anxiety about dental treatment; Mysophobia - fear of microorganisms; Cardiophobia - fear of cardiovascular disease; Hemophobia - fear of blood.



**5. Phobias related to states and actions:** Basiphobia - fear of upright position and walking; Stasiphobia - fear of standing; Logophobia - fear of speaking; Tremophobia - fear of trembling; Ambulophobia - fear of walking; Amaxophobia - fear of driving a car.

**6. Phobias related to objects:** Hylophobia - fear of glass; Macrophobia - fear of large objects; Microphobia - fear of small objects; Computerphobia - fear of computers; Belonephobia - fear of sharp objects.

The goal of the program is to reduce anxiety about a certain phenomenon or object. The program is recommended to be used in conjunction with psychotherapy for a more comprehensive and complete therapy of the pathological condition.

**Main session:** 1 x 15 minutes every day for month.

**Complementary programs:**

- Calming down program (280)
- Internal anxiety and fear (270)
- Emotional harmony program (581)

**Repeating the course of the session:** if necessary repeat.

## **292. Schizophrenia - general program**

Schizophrenia is a chronic illness that causes a distorted interpretation of reality and can lead to hallucinations, delusions, disordered thinking and behavior that impairs daily functioning. One of the risk factors for the development of schizophrenia is genetics. Men and women are equally likely to develop schizophrenia, but the disease usually manifests itself earlier in men - between the ages of 18-25, and in women - between the ages of 25-30. In addition, it has been established that city dwellers are more likely to develop the disease than rural residents. Other risk factors for schizophrenia include obstetric and gynecological complications (premature birth, fetal hypoxia), infectious diseases and maternal malnutrition in the first and early second trimester of pregnancy, infectious diseases during pregnancy (flu, rubella, toxoplasmosis, herpes viruses), as well as psychological trauma in early childhood.

The main symptoms observed in patients with schizophrenia are hallucinations - the patient hears voices or sees things that don't really exist; paranoia; exaggeration or distorted understanding of reality; reduced or lost ability to plan; impaired communication functions; weak emotional expression; confusion of consciousness; disordered logical thinking and unnatural behavior and movements.

Schizophrenia is incurable. But with appropriate therapy methods, the course of the disease can be alleviated. The program is part of a comprehensive treatment of schizophrenia and is used as

a complement to drug therapy and psychotherapy.

The goal of the program is to reduce symptoms of schizophrenia, normalize thinking, and reduce stress and anxiety.

**Main session:** 1 x 15 minutes every day for 1-2 months.

**Additional session:** 1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology);

1 x 15 minutes *Chronic diseases - general program (620)* (section PEMF);

**Complementary programs:**

- Internal anxiety and fear (270)
- Emotional harmony program (581)
- Sleep regulation - insomnia (287)
- Exhaustion of the body (423)
- Improving general well-being (617)

**Repeating the course of the session:** regularly, in case of exacerbation of the condition.

# PULMONOLOGY

Respiratory diseases are among the five most common diseases of our time. Respiratory diseases are most commonly caused by the following factors: infectious agents, polluted air, various allergens, heredity, etc.

This section presents session schemes for lower respiratory tract diseases. The aim of the programs is to reduce the symptoms of the inflammatory state, alleviate the course of the disease, and shorten the recovery period.

Respiratory diseases often have complications, so it is recommended to follow the course of therapy. The acute phase of respiratory diseases requires combination with drug therapy.

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot)	3. Induction loop or built-in inductor
2. Gel electrodes (self-adhesive applied topically to a specific zone).	4. Induction mat

## 293. Normalization of lung function

general program. It is used together with specialized programs for respiratory diseases to improve the quality of treatment. In addition, the program can be used as a preventive measure to prevent the development of respiratory complications in diseases of other organs and systems.

**Main session:** 1 x 15 minutes every day for 7-10 days.

**Location of gel electrodes for the main session:** no 6.

## 294. Asthma-like syndrome

The diagnosis of asthma-like syndrome is used when there are symptoms of bronchial asthma, but no confirmed diagnosis. The program is general in nature and can be used in the case of bronchial asthma as well as other diseases and pathological conditions that are accompanied by cough, shortness of breath, and chest pain.

**Main session:** 1 x 15 minutes every day for 7-10 days.

**Additional session:** 1 x 15 minutes *Normalization of lung function (293)* (section Nosology); 1 x 15 minutes *Improvement of breathing function (305)* (section Nosology).

### Complementary programs:

- Bronchial asthma 1 (295)
- Pneumonia - general program (300)
- COVID-19 (364)
- Bronchospasm (299)
- Chronic obstructive pulmonary disease (COPD) (307)

**Repeating the course of the session:** if necessary.

## 295. Bronchial asthma 1

Chronic inflammation of the airways that narrow and produce too much mucus, leading to difficulty breathing. Asthma is a common pathology affecting up to 300 million people worldwide. Factors contributing to the development of asthma include genetic predisposition, bronchial hyperreactivity (increased sensitivity), and contact with various allergens. Infectious diseases (influenza, adenovirus infection, sore throat, bronchitis, etc.) can be triggering factors for an attack; tobacco smoke, both active and passive, cold air, and physical exertion. Symptoms include breathing difficulties, dry and hacking cough, wheezing during exhalation, and chest pain. Sometimes a cough variant of the disease is distinguished when only a cough with a small amount of sputum is present. Coughing often intensifies at night and subsides during the day. Between exacerbations, the patient feels satisfactory.

The treatment of asthma is a complex process, of which this program is one element. The program aims to prolong the remission period and prevent the development of an asthmatic state.

**Main session:** 1 x 15 minutes every day for 3 months; later for 6 months, every other day. The session is conducted against the background of basic therapy recommended by the therapist.

**Additional session:** 1 x 15 minutes *Improvement of breathing function* (305) (section Nosology).

1 x 15 minutes *Asthma-like syndrome* (294) (section Nosology).

1 x 15 minutes *Cough - general program* (424) (section Symptoms).

**Location of gel electrodes for the main and additional sessions:** no 6.

### Complementary programs:

- Cramps (spasm) - general program (393)
- Bronchospasm (299)
- Chronic diseases - general program (620)
- Strengthening the protective functions of the body (619)
- Allergic problems - general program (2)
- Allergic bronchitis (4)

## 296. Bronchitis

Bronchitis is an inflammation of the bronchial mucosa. The main cause of bronchitis is VIRUSES (influenza, parainfluenza, adenoviruses) and bacteria (streptococci and pneumococci). There are acute and chronic forms of bronchitis. They differ in symptoms, course, and treatment. The main symptom of bronchitis is coughing. It can be dry or wet. Often, high body temperature and runny nose (rhinitis) accompany the disease. The program is one of the components of the treatment of both acute and chronic bronchitis. The aim of the program is to reduce the symptoms of the disease in the shortest possible time. The program can also be used as a preventive measure to prevent SARS complications.

**Main session:** 1 x 15 minutes, several times a day until a wet cough appears; then 1-2 times a day for 5-10 days.

**Additional session:** 1 x 15 minutes *Improvement of breathing function (305)* (section Nosology).

1 x 15 minutes *Cough - general program (424)* (section Symptoms);

1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 6.

### Complementary programs:

- Viral pneumonia 1 (135)
- Respiratory infections - general program (127)
- Tracheitis and bronchitis (304)
- Chronic bronchitis (297)
- General regeneration - recovery (596)
- Cough - during colds (425)
- Asthma-like syndrome (294)

## 297. Chronic bronchitis

Progressive inflammation of the bronchial mucosa over a long period of time. Chronic bronchitis begins gradually. The inflamed mucous membrane secretes more and more mucus, and its removal from the bronchopulmonary apparatus becomes more difficult. This causes coughing, initially in the morning, but sometimes coughing appears during the day, exacerbated by cold and humid weather. Over the years, the cough becomes constant. Prolonged smoking or inhaling dust containing irritants contributes to the development of the disease.

The aim of the program is to improve the general well-being of the patient and to prevent the development of complications (including chronic obstructive pulmonary disease and emphysema).

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Improvement of breathing function (305)* (section Nosology).

1 x 15 minutes *Cough - general program (424)* (section Symptoms);

1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 6.

**Complementary programs:**

- Viral pneumonia 1 (135)
- Tracheitis and bronchitis (304)
- Chronic bronchitis (297)
- General regeneration - recovery (596)
- Cough - during colds (425)
- Asthma-like syndrome (294)
- Chronic diseases - general program (620)
- Allergic bronchitis (4)
- Lung detoxification (396)

**Repeating the course of the session:** after 14 days.

## 298. Bronchopneumonia

Bronchiolitis is a type of pneumonia in which the walls of the bronchioles become inflamed. The usual cause is staphylococcus, streptococcus, or Escherichia coli. The development of the disease depends on the impairment of bronchial drainage function due to acute respiratory infections, bronchitis, flu, pertussis, and other respiratory diseases.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Improvement of breathing function (305)* (section Nosology).

1 x 15 minutes *Cough - general program (424)* (section Symptoms);

1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 6.

**Complementary programs:**

- Viral pneumonia 1 (135)
- Tracheitis and bronchitis (304)
- Bronchitis (296)
- General regeneration - recovery (596)
- Cough - during colds (425)
- Asthma-like syndrome (294)
- Lung detoxification (396)

**Repeating the course of the session:** if necessary.

## 299. Bronchospasm

Bronchospasm is a condition where the smooth muscles of the bronchi undergo uncontrolled contractions. During the contraction, the lumen of the small bronchi and bronchioles narrows, making breathing difficult. Redness of the eyes, intense coughing and sneezing with active secretion of mucus from the nose, headaches, general weakness, unexplained anxiety and insomnia may signal an impending pathological condition. Factors such as food poisoning can affect the occurrence of bronchospasm; anaphylactic shock; allergic reaction to tobacco, dust, chemicals, smog; foreign body lodged in the bronchi, tumor; side effects of some medications; exacerbation of lung diseases, obstructive bronchitis, Chronic Obstructive Pulmonary Disease (COPD) and asthma, as well as stressful situations and physical exertion.

Bronchospasm is an acute condition and requires urgent medical assistance.

The aim of the program is to recover after a bronchospasm attack and prevent the development of new attacks.

**Main session:** 1 x 15 minutes every day for 7-10 days.

**Additional session:** 1 x 15 minutes *Improvement of breathing function (305)* (section Nosology);

### Complementary programs:

- Cramps (spasm) – general program(393)
- Lung detoxification (396)
- Asthma-like syndrome (294)
- Strengthening the protective functions of the body (619)
- Allergic problems - general program (2)

**Repeating the course of the session:** long period, with a break 10-14 days.

## 300. Pneumonia - general program

Pneumonia is an inflammation of the lung tissue. Symptoms depend on the causative agent and the patient's overall health at the time of infection. The main symptoms include coughing, difficulty breathing and shortness of breath, chest pain, general weakness, and fever. The likelihood of developing pneumonia increases during cold seasons, in elderly patients, and during the postoperative period.

The program has a general nature and is used in all types of pneumonia during the recovery period to speed up the healing process and improve the patient's overall condition.

**Main session:** 1 x 15 minutes, several times a day for 14 days; then once a month.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);

1 x 15 minutes *Cough - general program (424)* (section Symptoms);

1 x 15 minutes *Normalization of lung function (293)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 6.

### Complementary programs:

- Viral pneumonia 1 (135)
- Viruses - general program (494)
- Bacteria - general program (448)
- Mycoses- general program (517)
- Lung detoxification (396)
- Improvement of breathing function (305)
- General regeneration - recovery (596)
- Asthma-like syndrome (294)
- Improving general well-being (617)

**Repeating the course of the session:** if necessary.

## 301. Bacterial pneumonia

Bacterial pneumonia is most commonly caused by pneumococci and Haemophilus influenzae type B. It can also develop as a result of the flu or a cold.

**Main session:** 1 x 15 minutes, several times a day for 14 days; later 1 once within 1-2 months.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);

1 x 15 minutes *Cough - general program (424)* (section Symptoms);

1 x 15 minutes *Normalization of lung function (293)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 6.

### Complementary programs:

- Streptococcus pneumoniae (472)
- Mycoplasma pneumoniae (469)
- Pulmonary chlamydia (489)
- Bacteria - general program (448)
- Colon bacillus (460)
- Lung detoxification (396)
- Improvement of breathing function (305)
- General regeneration - recovery (596)
- Asthma-like syndrome (294)
- Improving general well-being (617)
- Normalization of the immune system (1)

**Repeating the course of the session:** if necessary.



## 302. Viral pneumonia

The most common cause of viral pneumonia is COVID-19 and respiratory syncytial virus (RSV) infection - an acute viral illness from the SARS group.

**Main session:** 1 x 15 minutes, sometimes several times a day for 14-20 days; later 1 once within 2 months.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Cough - general program (424)* (section Symptoms);  
1 x 15 minutes *Normalization of lung function (293)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 6.

### Complementary programs:

- Viruses - general program (494)
- KoronaViruses - general program (512)
- Flu virus - general program (499)
- Measles virus (501)
- Viral pneumonia 1 (135)
- Lung detoxification (396)
- Improvement of breathing function (305)
- General regeneration - recovery (596)
- Asthma-like syndrome (294)
- Improving general well-being (617)
- Normalization of the immune system (1)
- Regeneration of lung tissue(611)

**Repeating the course of the session:** if necessary.

## 303. Inflammation of the trachea (Tracheitis)

Tracheitis is an inflammation of the tracheal mucosa. The symptoms of tracheitis depend directly on its form: acute or chronic. The main cause of acute tracheitis are SARS viruses. The chronic process is more often of bacterial nature, and its cause is the opportunistic microflora of the oral cavity and respiratory tract. It becomes activated under favorable conditions, such as smoking; sudden changes in the temperature of inhaled air; chronic diseases of other parts of the respiratory tract and susceptibility to allergic reactions. The main symptom of acute tracheitis is paroxysmal cough. Other symptoms include fever, pain behind the sternum, and symptoms of intoxication (general weakness, fatigue, headache, drowsiness). Chronic inflammation of the trachea (tracheitis) is characterized by a wavy course. Exacerbation of tracheitis occurs with an increase in body temperature to low values and mild symptoms of general intoxication (weakness and others).

The program is aimed primarily at preventing the progression of the disease in the acute phase and preventing relapses in the chronic phase.

**Main session:** 1 x 15 minutes, several times a day for 5-10 days; later 1 once, within 14 months.  
**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Cough - general program (424)* (section Symptoms);  
1 x 15 minutes *Tracheitis and bronchitis (304)* (section Nosology).  
**Location of gel electrodes for the main and additional sessions:** no 6.

**Complementary programs:**

- Flu virus - general program (499)
- Viral pneumonia 1 (135)
- Lung detoxification (396)
- Detoxification - general program (397)
- Improvement of breathing function (305)
- Asthma-like syndrome (294)
- Improving general well-being (617)
- Normalization of the immune system (1)

**Repeating the course of the session:** if necessary.

## 304. Tracheitis and bronchitis

Acute or chronic inflammation of the mucous membrane of the bronchi, bronchioles, and trachea. The disease often develops as a complication of tracheitis (when the disease spreads to the lower respiratory tract). The symptoms and causes of the disease are similar to those of tracheitis and bronchitis.

The program is used as an additional method of therapy or during the convalescence period.

**Main session:** 1 x 15 minutes, several times a day, until a wet cough appears; then 1-2 times a day for 10-14 days.  
**Additional session:** 1 x 15 minutes *Improvement of breathing function (305)* (section Nosology).  
1 x 15 minutes *Cough - general program (424)* (section Symptoms);  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).  
**Location of gel electrodes for the main and additional sessions:** no 6.

**Complementary programs:**

- Flu virus - general program (499)
- Viral pneumonia 1 (135)
- Lung detoxification (396)
- Detoxification - general program (397)
- Improvement of breathing function (305)

- Asthma-like syndrome (294)
- Improving general well-being (617)
- Normalization of the immune system (1)

**Repeating the course of the session:** if necessary.

### 305. Improvement of breathing function

general program aimed at improving lung function after respiratory diseases. It can be used as a supportive treatment for severe respiratory diseases (Chronic obstructive pulmonary disease (COPD), prolonged pneumonia, including COVID-19, severe flu, etc.). Additionally, the program can be used in the case of asthma to facilitate the course of the disease during remission. The program has no contraindications and can be used for a long time.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Normalization of lung function (293)* (section Nosology).

### 306. Pulmonary fibrosis

Pulmonary fibrosis is a disease in which lung tissue is replaced by fibrous (scar) tissue. The development of fibrosis is usually a consequence of a severe or prolonged course of other respiratory diseases (such as asthma, chronic obstructive pulmonary disease (COPD), prolonged pneumonia, including COVID-19). In the early stage of the disease, there are no symptoms of pulmonary fibrosis. The first symptoms appear when fibrosis affects a significant portion of lung tissue and are nonspecific: shortness of breath, cough, chest pain, cyanosis, and general malaise. Without treatment, fibrosis is characterized by a gradual and progressive deterioration of the patient's breathing until respiratory failure occurs.

The goal of the program is to rehabilitate patients after severe respiratory diseases and to alleviate the course of the disease with existing fibrosis.

**Main session:** 1 x 15 minutes every day for 2-3 months.

**Additional session:** 1 x 15 minutes *Normalization of lung function (293)* (section Nosology); 1 x 15 minutes *Regeneration of lung tissue(611)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 6.

**Complementary programs:**

- Lung detoxification (396)
- Detoxification - general program (397)
- Improvement of breathing function (305)
- Asthma-like syndrome (294)
- Improving general well-being (617)

- Normalization of the immune system (1)

**Repeating the course of the session:** if necessary.

### 307. Chronic obstructive pulmonary disease (COPD)

Chronic Obstructive Pulmonary Disease (COPD) is a respiratory disease characterized by persistent respiratory symptoms and narrowing of the airways due to pathological changes and damage to the lung alveoli. The disease develops slowly, and symptoms and irreversible changes in the lungs may appear at least five years after continuous smoking or 10-15 years after working in factories. The main symptoms of COPD are shortness of breath, cough, excessive production of mucous phlegm, and wheezing. The main cause of the disease is exposure to tobacco smoke (including passive smoking). In addition, air pollution and frequent lower respiratory infections in childhood are risk factors.

The goal of the program is comprehensive therapy for the chronic course of the disease and preventing exacerbations.

**Main session:** 1 x 15 minutes every day for 2-3 months.

**Additional session:** 1 x 15 minutes *Normalization of lung function (293)* (section Nosology);

1 x 15 minutes *Lung detoxification (396)* (section Symptoms).

**Location of gel electrodes for the main and additional sessions:** no 6.

#### Complementary programs:

- Smoking tobacco (183)
- Cough - general program (424)
- Improvement of breathing function (305)
- Asthma-like syndrome (294)
- Regeneration of lung tissue(611)
- Improving general well-being (617)

**Repeating the course of the session:** if necessary.

### 308. Emphysema

Emphysema of the lungs is a pathological condition characterized by excessive air retention in the lungs due to the enlargement of the pulmonary alveoli (structures where gas exchange occurs between blood and air) as a result of the destruction of the membranes between them. The disease occurs more frequently in men than in women. The main symptoms of emphysema are shortness of breath (in the early stages of the disease it only occurs during significant physical exertion), cough, cyanosis, and weight loss. The main causes of emphysema are smoking (substances contained in smoke block the activity of enzymes and destroy the walls of the pulmonary alveoli), environmental pollution, occupational risk, obstructive diseases - chronic bronchitis,

COPD, inflammatory lung diseases, and traumatic lung damage. The treatment of emphysema is complex. During treatment, it is important to eliminate all factors that caused the development of emphysema. Without treatment, emphysema can lead to respiratory failure.

The program is recommended for use during rehabilitation, for preventive purposes in people with risk factors, or as an adjunctive method of treatment in combination with other methods.

**Main session:** 1 x 15 minutes every day for 2-3 months.

**Additional session:** 1 x 15 minutes *Normalization of lung function (293)* (section Nosology);  
1 x 15 minutes *Lung detoxification (396)* (section Symptoms).

**Location of gel electrodes for the main and additional sessions:** no 6.

**Complementary programs:**

- Smoking tobacco (183)
- Cough - general program (424)
- Improvement of breathing function (305)
- Asthma-like syndrome (294)
- Regeneration of lung tissue(611)
- Improving general well-being (617)

**Repeating the course of the session:** if necessary.

# DENTISTRY

Diseases of the oral cavity have many risk factors, which are divided into permanent (age, heredity) and variable (lifestyle, behavior, habits). The latter can largely be prevented or treated in the early stages. Acute tooth pain requires a mandatory visit to a doctor.

The programs in this department are an additional method of therapy for diseases and conditions accompanied by pain and inflammation. The aim of the programs is to reduce the burden of medication and alleviate pain.

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot, ear)	3. Induction loop or built-in inductor
2. Gel electrodes (self-adhesive applied topically to a specific zone).	

## 309. Dental diseases - general program

general program. It is used for all dental diseases. It is more commonly used for prophylactic purposes and in the recovery period.

**Main session:** 1 x 15 minutes every day for 7-10 days.

## 310. Bruxism

The main symptom of Bruxism is uncontrolled clenching of the jaws, accompanied by teeth grinding. These attacks appear involuntarily and can be repeated several times a day. Associated symptoms include irritability, deterioration of appetite, ear pain, headache, and insomnia. There are various causes of Bruxism, including psychological factors (it can be a consequence of emotional instability, stress, or overload); neurological and dental factors (the disorder is a consequence of deviations in the structure and function of the jaw-face system: abnormalities in dentition, incorrect bite, poor quality dental treatment, improperly fitted orthodontic appliances or dentures). In children, Bruxism can be detected during teething and tooth replacement. If left untreated, Bruxism can lead to the following conditions: cracks in tooth enamel, loose teeth, damage to soft tissues in the oral cavity, and malocclusion.

**Main session:** 1 x 15 minutes every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Emotional harmony program (581)* (section PEMF);  
1 x 15 minutes *Dental diseases - general program (309)* (section Nosology).

**Repeating the course of the session:** after if necessary 14 days.

### 311. Bed breath (Halitosis)

Halitosis is a disease whose main symptom is bad breath. It can result not only from poor oral hygiene, but also be a symptom of serious diseases. Causes of halitosis related to the oral cavity include tooth decay, periodontitis, gingivitis, oral cavity inflammation, reduced saliva secretion, and improper bite, teeth irregularities. In addition, halitosis can be a symptom of various internal organ diseases, such as respiratory diseases - emphysema, lung abscess, cancer, sinusitis, tonsillitis, nasal polyps; gastrointestinal diseases - stomach ulcer, gastritis, enteritis; kidney and liver failure; diabetes. The programs in this department aim to prevent and treat halitosis related to the oral cavity and assist in the diagnosis and treatment of internal organ diseases that may cause bad breath.

**Main session:** 1 x 15 minutes every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Dental trauma* (320) (section Nosology);

1 x 15 minutes *Detoxification - general program* (397) (section Symptoms);

#### Complementary programs:

- Inflammation of the gums (Gingivitis) (312)
- Tooth decay (313)
- Inflammation of dental pulp (pulpitis) – general program (318)
- Streptococcus - general program (479)
- Candida- general program (525)
- Bowel detoxification (394)

**Repeating the course of the session:** after if necessary 14 days.

### 312. Inflammation of the gums (Gingivitis)

Gingivitis is a dental disease in which there is inflammation of the gums. The main symptoms of gum disease are bleeding gums, bad breath, gum inflammation, and receding gums (the gums become shorter, gradually exposing the tooth root). Gingivitis is classified as an infectious disease because it occurs due to a disturbance of the microflora in the oral cavity. The most common cause is poor oral hygiene. Other causes include previous infections or surgeries, hormonal disorders, gastrointestinal diseases, lack of minerals in the diet, poor general health, and bad habits. The main treatment is professional teeth cleaning and activation of home oral hygiene.

**Main session:** 1 x 15 minutes every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Dental trauma* (320) (section Nosology);

1 x 15 minutes *Detoxification - general program* (397) (section Symptoms);

#### Complementary programs:

- Bed breath (Halitosis) (311)
- Tooth decay (313)

- Inflammation of dental pulp (pulpitis) – general program (318)
- Streptococcus - general program (479)
- Candida- general program (525)

**Repeating the course of the session:** after if necessary 14 days.

### 313. Tooth decay

Tooth decay is a pathological process of damaging the hard tissues of the tooth. The destructive action of bacteria on the hard tissues of the tooth is considered the cause of tooth decay. Streptococci are the main cause of tooth decay. Improper oral hygiene is a contributing factor to the faster progression of tooth decay; an unhealthy diet; hypovitaminosis; a low content of certain mineral components (fluorine, phosphorus, and calcium) in drinking water. Tooth decay affects teeth at different depths. There are three stages: initial (which is a surface change or spot stage); moderate (inflammation spreads to the dentin, which is located under the enamel, resulting in a carious lesion in the tooth) and deep (tooth decay spreads beyond the hard tissues of the teeth). In adults, the disease usually progresses chronically. In childhood, tooth decay often occurs acutely because baby teeth are rapidly destroyed.

The program is used as a supplement to the main treatment of tooth decay.

**Main session:** 1 x 15 minutes every day for 7-10 days.

**Additional session:** 1 x 15 minutes *Dental diseases - general program (309)* (section Nosology);

1 x 15 minutes *Streptococcus - general program(479)* (section INFECTIOUS AGENTS);

#### Complementary programs:

- Inflammatory process - general program (593)
- Tooth pain (378)
- Acute pain (380)

**Repeating the course of the session:** after if necessary 5-10 days.

### 314. Osteitis

Osteitis is a disease characterized by inflammation of the bone tissue. The main causes of this pathology are traumatic and infectious. In the absence of treatment, the disease can cause the formation of abscesses and fistulas, as well as the development of osteomyelitis (inflammatory processes in the bone marrow tissues of the jaw). The first and main symptom of osteitis is jaw pain. Later, swelling appears in the affected area, and the patient begins to experience difficulties in chewing food. The treatment of osteitis is complex, and in most cases, surgical intervention is the main method of treatment.

The program is used as an additional method of treatment to alleviate the course of the disease. It can also be used in the postoperative period to facilitate a faster recovery.



**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Dental diseases - general program (309)* (section Nosology);  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);

**Complementary programs:**

- Tooth pain (378)
- Acute pain (380)
- Swelling of the gums (315)
- Lymphatic drainage 1 (408)

**Repeating the course of the session:** after if necessary 3-5 days.

## 315. Swelling of the gums

Swelling of the gums is one of the most common symptoms of dental diseases. It is a consequence of the penetration of soft tissues by pathogenic bacteria that have caused an infection. Gum infection occurs with advanced tooth decay, faulty oral hygiene, infectious diseases of the throat, in states of immunodeficiency, avitaminosis (mainly severe vitamin C deficiency), and the activity of the herpes virus and gum disease.

Gum swelling is often accompanied by toothache, bleeding gums, and a deterioration of the patient's general condition.

**Main session:** 1 x 15 minutes every day for 10 days.

**Additional session:** 1 x 15 minutes *Dental trauma (320)* (section Nosology);  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);

**Complementary programs:**

- Tooth pain (378)
- Acute pain (380)
- Inflammation of the gums (Gingivitis) (312)
- Tooth decay (313)
- Inflammation of dental pulp (pulpitis) – general program (318)
- Streptococcus - general program (479)
- Herpesvirus - general program (505)

**Repeating the course of the session:** after if necessary 3-5 days.

## 316. Periodontal disease

Periodontitis is a disease in which there are systemic changes in the tissues surrounding the teeth, namely the periodontium (gums, bones, and tooth ligaments), but there is no inflammatory process.

The main cause of periodontitis is a disruption in the blood supply to the tissues, primarily due to bacterial plaque on the teeth or the presence of dental calculus. Symptoms of periodontitis include increased sensitivity to chemical and thermal stimuli, bad breath, and bleeding gums. If periodontitis, whose symptoms have become noticeable, is not treated in time, it can lead to tooth loss. The aim of the program is to prevent the development of the disease. It can also be used as a component of comprehensive periodontitis therapy, but it is not the main or only method of treatment.

**Main session:** 1 x 15 minutes every day for 10 days.

**Additional session:** 1 x 15 minutes *Dental trauma (320)* (section Nosology);  
1 x 15 minutes *Dental diseases - general program (309)* (section Nosology);

**Complementary programs:**

- Streptococcus - general program (479)
- Herpesvirus - general program (505)
- Candida- general program (525)
- Detoxification - general program (397)

**Repeating the course of the session:** after if necessary 3-5 days.

## 317. Teething

Teething is a physiological process of tooth development during which the teeth erupt into a child's oral cavity. Teeth develop in close relation to the overall growth and development of the child. Symptoms of teething include redness and swelling of the gums, a slight increase in body temperature, increased salivation, refusal to eat, restless sleep, and cough or runny nose (rhinitis), which disappear immediately after the tooth appears. The goal of the program is to improve the overall condition of the child and reduce the discomfort during teething.

**Main session:** 1 x 15 minutes 2-3 times a day for 2-8 days.

**Repeating the course of the session:** if necessary.

## 318. Inflammation of dental pulp (pulpitis) – general program

Inflammation of the oral cavity is a dental disease in which the mucous membrane of the oral cavity becomes inflamed. Possible causes of inflammation of the oral cavity include infections of the oral cavity (tooth decay, gingivitis, periodontitis, etc.); infectious gastrointestinal diseases; respiratory system diseases (such as the flu) and bad habits. However, the most common cause of inflammation of the oral cavity is the herpes simplex virus type 1. The main symptoms include redness and swelling of the mucous membrane of the oral cavity in the affected area, white coating on the tongue, and general malaise. Treatment of inflammation of the oral cavity is complex and aims primarily to treat the main cause of the disease.

**Main session:** 1 x 15 minutes 2 times a day for 2-3 days; then 1 time in 7-10 days.

**Additional session:** 1 x 15 minutes *Dental trauma* (320) (section Nosology);  
1 x 15 minutes *Inflammatory process - general program* (593) (section PEMF);  
1 x 15 minutes *Regeneration of the mucosa* (613) (section PEMF);

**Complementary programs:**

- Human Herpesvirus 1 (Herpes Simplex) (506)
- Streptococcus - general program (479)
- Herpesvirus - general program (505)
- Candida- general program (525)
- Detoxification - general program (397)
- Strengthening the protective functions of the body (619)

**Repeating the course of the session:** if necessary.

### 319. Aphthous stomatitis

The aphthous stomatitis is a form of inflammation of the oral cavity in which the oral mucosa is covered with small, usually painful sores - apthae.

The goal of the program is to provide targeted treatment and prevention of aphthous stomatitis.

**Main session:** 1 x 15 minutes 2 times a day for 2-3 days; then 1 time in 10 days.

**Additional session:** 1 x 15 minutes *Dental trauma* (320) (section Nosology);  
1 x 15 minutes *Inflammatory process - general program* (593) (section PEMF);  
1 x 15 minutes *Regeneration of the mucosa* (613) (section PEMF).

**Complementary programs:**

- Human Herpesvirus 1 (Herpes Simplex) (506)
- Streptococcus - general program (479)
- Herpesvirus - general program (505)
- Candida- general program (525)
- Detoxification - general program (397)
- Strengthening the protective functions of the body (619)
- Viral pneumonia 1 (135)
- Pain - general program (379)

**Repeating the course of the session:** if necessary.

### 320. Dental trauma

general program. It is used for all changes in the oral cavity, regardless of the etiology of the disease, as a complement and prevention.

**Main session:** 1 x 15 minutes every day for 10 days.

**Complementary programs:**

- Inflammation of dental pulp (pulpitis) – general program (318)
- Aphthous stomatitis (319)
- Periodontal disease (316)
- Swelling of the gums (315)
- Inflammation of the gums (Gingivitis) (312)
- Bad breath (Halitosis) (311)

# UROLOGY / NEPHROLOGY

Urology is a branch of medicine that includes the diagnosis, prevention, and treatment of urinary and reproductive system problems in men and urinary system problems in women. Nephrology is a field of medicine that deals with the study of the normal and pathological state of the kidneys. The programs in this department are part of a comprehensive treatment for chronic urological and nephrological disorders. The programs aim to improve regional blood circulation, reduce inflammatory processes, and improve overall health during rehabilitation.

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot)	3. Induction loop or built-in inductor
2. Gel electrodes (self-adhesive applied topically to a specific zone).	4. Induction mat

## 321. Normalization of the bladder function

The bladder is an organ responsible for storing and periodically expelling urine from the body. It can be affected by diseases of various types and degrees of advancement. Characteristic symptoms of bladder diseases include discomfort, pain, or bloating in the lower abdomen; frequent urination; difficult and painful urination; darkening or clouding of urine. The program has a general character and is used in conjunction with specialized programs as part of a therapeutic or preventative approach to bladder diseases.

**Main session:** 1 x 15 minutes every day for 7-14 days.

## 322. Normalization of kidney function

This program is used in kidney diseases as an addition to specialized programs aimed at improving the functional state of the kidneys, shortening the duration of therapy, and preventing the development of complications.

**Main session:** 1 x 15 minutes every day for 7-14 days.

## 323. Regulation of the male reproductive system

The main function of the male reproductive system is the generative function, which involves the production of male reproductive cells - sperm. The male reproductive organs are rich in hor-

monal cells, so in addition to the generative function, they also perform an endocrine function. Most diseases of the male reproductive system lead to infertility. The program is designed for functional normalization of the male reproductive organs and the treatment of its diseases.

**Main session:** 1 x 15 minutes every day for 7-14 days.

**Location of gel electrodes for the main session:** no 7.

## 324. Prostate adenoma

Prostate adenoma (prostate enlargement) is a male disease characterized by an increase in the volume of the prostate gland and difficulties in urination. It is the most common urological disease, mainly observed in older men. Factors that increase the likelihood of the disease include overweight; a „sedentary” lifestyle and lack of mobility (leading to blood stasis in the pelvic organs); hormonal imbalance; harmful habits and unhealthy diet. The characteristic symptoms of prostate adenoma include difficulty in urination; chronic bed-wetting (involuntary soaking); involuntary urine leakage; frequent „trips” to the toilet, especially at night; and pain in the groin.

**Main session:** 1 x 15 minutes 2 times a day for 7-10 days; next 1 once within 14 days.

**Additional session:** 1 x 15 minutes *Regulation of the male reproductive system (323)* (section Nosology);

1 x 15 minutes *Prostate - general program (337)* (section Nosology);

1 x 15 minutes *Benign tumors - general program (347)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 7.

### Complementary programs:

- Urinary retention (329)
- Urinary incontinence (332)
- Pain - general program (379)
- Cramps (spasm) – general program (393)
- Chronic diseases - general program (620)

**Repeating the course of the session:** after 14 days.

## 325. Male infertility - general program

Male infertility is the inability of men to conceive. The number of infertile marriages worldwide is about 15%, and 40-50% of them are caused by male infertility. The causes of male infertility can be divided into three groups: endocrine disorders; anomalies and diseases of male reproductive organs; idiopathic infertility, when fertilization does not occur, although both the husband and wife are healthy. Marriage is considered infertile if pregnancy does not occur during a year

of normal sexual life, that is, without the use of contraceptives. Treatment of men for infertility depends on the etiological factor. It should be long-term, individualized, taking into account the etiological and pathological characteristics.

**Main session:** 1 x 15 minutes every day for 2 months.

**Additional session 1 month:**

1 x 15 minutes *Reproductive system - general program (69)* (section Nosology);

1 x 15 minutes *Nervous system tension 1 (185)* (section Nosology);

1 x 15 minutes *Emotional harmony program (581)* (section PEMF).

**Additional session 2 months:**

1 x 15 minutes *Reproductive system - general program (69)* (section Nosology);

1 x 15 minutes *Regulation of the male reproductive system (323)* (section Nosology);

1 x 15 minutes *Restoration of hormonal balance in men (104)* (section Nosology).

**Complementary programs:**

- Normalization of testicular function (99)
- Erectile dysfunction (impotence) (344)
- Chronic prostatitis (339)
- Testicular infection (334)
- Inflammation of the seminal vesicles (327)
- Pituitary gland - balance (106)
- Prostate adenoma (324)

**Repeating the course of the session:** after 10 days.

## 326. Bladder diseases - general program

Expanded program for the Normalization of the bladder function. This is also a general program. It is used in various urinary bladder diseases (bladder inflammation, overactive bladder, etc.) to achieve faster and more complete therapy.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Normalization of the bladder function (321)* (section Nosology).

**Complementary programs:**

- Urinary tract infections (330)
- Acute inflammation of the bladder (Acute cystitis) (342)
- Chronic inflammation of the bladder (Chronic cystitis) (343)
- Overactive bladder syndrome (OAB) (340)
- Inflammatory process - general program (593)

**Repeating the course of the session:** if necessary.

## 327. Inflammation of the seminal vesicles

Inflammation of the seminal vesicles is inflammation of the seminal vesicle in men. As an independent disease, inflammation of the seminal vesicles is rarely observed. It is often a complication of prostatitis, urethritis or orchitis. The causative factors of nonspecific inflammation of the seminal vesicles are usually staphylococcal and streptococcal infections, as well as intestinal microflora. Symptoms of inflammation of the seminal vesicles include a rise in body temperature to 38-39°C, pain in the groin, perineum, rectum, and frequent urination. In cases of prolonged purulent processes, surgical intervention is recommended.

**Main session:** 1 x 15 minutes, 2 times a day for 7 days; next 1 once within 7-10 days.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);

1 x 15 minutes *Staphylococcus - general program (474)* (section INFECTIOUS AGENTS);

1 x 15 minutes *Streptococcus - general program (479)* (section INFECTIOUS AGENTS);

**Location of gel electrodes for the main and additional sessions:** no 8.

### Complementary programs

- Regulation of the male reproductive system (323)
- Lymphatic drainage 1 (408)
- Erectile dysfunction (impotence) (344)
- Pain - general program (379)
- Bacteria - general program (448)
- Detoxification - general program (397)

**Repeating the course of the session:** if necessary.

## 328. Glomerulonephritis

Glomerulonephritis is a bilateral kidney damage caused by the damage of the glomeruli, which filter the blood. As a result, the process of excreting metabolic products, toxic substances, and fluids is disturbed. Glomerulonephritis can be acute or chronic. It most commonly occurs as a complication of streptococcal infections, less frequently, the disease can be caused by other bacterial, viral, and parasitic infections. The main clinical symptoms of acute glomerulonephritis usually appear 14 days after the infectious disease. The main clinical symptoms of the disease include pain in the lumbar region, facial swelling, especially in the morning; urinary retention, blood in the urine, and high blood pressure. Generally, dietary therapy is recommended with a reduction in salt and protein consumption.



**Main session:** 1 x 15 minutes, 2 times a day for 14 days; next 1 once, within 14 days.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Streptococcus pyogenes beta-haemolyticus (480)* (section INFECTIOUS AGENTS).  
1 x 15 minutes *Normalization of kidney function (322)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 7.

#### **Complementary programs:**

- Lymphatic drainage 1 (397)
- Detoxification - general program (397)
- Edema of the kidney (Renal edma) (335)
- Kidney detoxification (399)
- Pain - general program (379)
- Spastic back pain (373)
- Normalization of the immune system (1)
- High Blood Pressure (Hypertension) (159)
- Improving general well-being (617)

**Repeating the course of the session:** after month or if necessary.

## **329. Urinary retention**

Urinary retention is the inability to voluntarily empty the bladder. Both acute and chronic forms are more common in men over 60 years old. Acute urinary retention occurs as a complication of prostatitis, prostate adenoma, pelvic tumors, or urinary stones. The chronic form of urinary retention in the bladder and upper urinary tract can lead to pyelonephritis, hydronephrosis, or kidney failure. The symptoms directly depend on the type of pathological process, but in both cases, the main symptom of urinary retention is the inability to urinate. Acute urinary retention is accompanied by a strong urge to urinate, discomfort in the lower abdomen, and painful sensations above the pubic area. Pain usually does not occur in the chronic form. Frequent visits to the toilet, including at night, and a decrease in the amount of urine may also indicate a problem. In addition to the symptoms of urinary retention, the symptoms of the underlying disease that caused the pathological condition may also be concerning.

**Main session:** 1 x 15 minutes, 2-3 times a day for 3 days; next 1 once, within 14 days.

**Additional session:** 1 x 15 minutes *Regulation of the male reproductive system (323)* (section Nosology);

1 x 15 minutes *Acute pain (380)* (section Symptoms);

1 x 15 minutes *Cramps (spasm) - general program (393)* (section Symptoms).

#### **Complementary programs:**

- Prostate adenoma (324)

- Prostate. Age-related changes (338)
- Inflammation of the urethra (Urethritis) (341)
- Chronic prostatitis (339)
- Benign tumors - general program (347)
- Urinary tract infections (330)

**Repeating the course of the session:** after 10-14 days or if necessary.

### 330. Urinary tract infections

Urinary tract infection is the presence of microorganisms in the urinary tract above the urethral sphincter, which is usually sterile. Urinary tract infections occur with pathogenic or opportunistic bacterial flora, which causes inflammation. Urinary tract infections are classified according to their anatomical level: urethritis (inflammation of the urethra), cystitis (bladder), pyelonephritis (kidneys). However, in clinical practice, especially in children, the location can be difficult or impossible to determine. In addition, the infection often spreads from one area to another.

**Main session:** 1 x 15 minutes, 2 times a day for 5-7 days; next 1 once, within 14 days.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Acute pain (380)* (section Symptoms);  
1 x 15 minutes *Kidney detoxification (399)* (section Symptoms).

#### Complementary programs:

- Streptococcus - general program (479)
- Staphylococcus - general program (474)
- Detoxification - general program (397)
- Normalization of the immune system (1)
- Pyelonephritis (336)
- Inflammation of the urethra (Urethritis) (341)
- Acute inflammation of the bladder (Acute cystitis) (342)
- Chronic inflammation of the bladder (Chronic cystitis) (343)
- Lymphatic drainage 1 (408)
- Antiparasitic - general program (447)
- Candida- general program (525)
- Ureaplasma (486)
- Mycoplasma - general program (467)

### 331. Urolithiasis

Urolithiasis is a disease characterized by the formation of stones in the organs of the urinary system. Urolithiasis is one of the most common and progressive urological diseases, characterized

by frequent exacerbations and a severe course (it accounts for 30-45% of all urological diseases). Urinary stones have a polyetiological nature. They can result from congenital defects, vitamin and trace element deficiencies, hormonal disorders, changes in urine pH, inflammatory processes, metabolic disorders, etc. The main symptoms of urolithiasis are pain in the lumbar region, hematuria (presence of blood in the urine), passing of salts and stones in the urine, tension of the abdominal wall muscles, dyspeptic symptoms (nausea, vomiting), arterial hypertension, body temperature elevation to 37-38°C, which persists for a long time, and a sudden urge to urinate. The most common complication of urolithiasis is pyelonephritis. If severe pain persists for more than 12 hours, urgent consultation with a surgical hospital is necessary.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Normalization of the bladder function (321)* (section Nosology);

1 x 15 minutes *Normalization of kidney function (322)* (section Nosology);

1 x 15 minutes *Acute pain (380)* (section Symptoms);

**Complementary programs:**

- Hyperoxaluria (333)
- Spastic back pain (373)
- Cramps (spasm) – general program (393)
- Urinary incontinence (332)
- Urinary retention (329)
- Pyelonephritis (336)
- Chronic inflammation of the bladder (Chronic cystitis) (343)

**Repeating the course of the session:** after 10-14 days.

### 332. Urinary incontinence

Urinary incontinence to involuntary leakage of urine. This condition is quite common, affecting about 30% of the population, more commonly women. Periodic urinary incontinence can occur due to impaired tension of the bladder muscles or diseases of the central nervous system.

The program is used to alleviate the symptoms of urinary incontinence. For complete therapy, it must be used together with programs that treat the underlying condition that caused urinary incontinence.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Normalization of the bladder function (321)* (section Nosology);

1 x 15 minutes *Chronic bed-wetting (Involuntary soaking) (193)* (section Nosology);

1 x 15 minutes *Normalization of muscle tone (628)* (section PEMF).

**Complementary programs:**

- Pituitary gland - balance (106)
- Normalization of nervous system functions (184)
- Overactive bladder syndrome (OAB) (340)
- Emotional harmony program (581)
- Urinary tract infections (330)

**Repeating the course of the session:** after 7-10 days.

### 333. Hyperoxaluria (Hiperoksaluria)

Subtype of urolithiasis. Persistent excretion of calcium oxalate crystals with urine. The disease can be asymptomatic, but oxalate crystals and stones can move to the ureter, causing renal colic. The level of oxalates in urine may also increase in diabetes, liver cirrhosis, vitamin B6 deficiency, and vitamin C overdose (above 3-4 g/day).

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Normalization of the bladder function* (321) (section Nosology);  
1 x 15 minutes *Normalization of kidney function* (322) (section Nosology);  
1 x 15 minutes *Urolithiasis* (331) (section Nosology);

#### Complementary programs:

- Acute pain (380)
- Spastic back pain (373)
- Cramps (spasm) – general program (393)
- Urinary incontinence (332)
- Urinary retention (329)
- Pyelonephritis (336)
- Chronic inflammation of the bladder (Chronic cystitis) (343)

**Repeating the course of the session:** after 10-14 days.

### 334. Testicular infection

Typically, it is a complication of infectious diseases (such as influenza, pneumonia, mumps, etc.). Orchitis can have an acute or chronic course. There is a difference between non-specific orchitis, which develops as a result of penetration by staphylococci, streptococci, Escherichia coli, Proteus, and specific orchitis caused by gonorrhoea, tuberculosis, syphilis, or trichomoniasis.

**Main session:** 1 x 15 minutes, 2 times a day for 5-7 days; next 1 once, within 14 days.  
**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Detoxification - general program (397)* (section Symptoms);  
1 x 15 minutes *Normalization of testicular function (99)* (section Nosology);  
**Location of gel electrodes for the main and additional sessions:** no 8.

**Complementary programs:**

- Streptococcus - general program (479)
- Staphylococcus - general program (474)
- Normalization of the immune system (1)
- Pain - general program (379)
- Antiparasitic - general program (447)
- Venereal infections - general program (121)
- Regulation of the male reproductive system (323)
- Improving general well-being (617)

**Repeating the course of the session:** if necessary.

### 335. Edema of the kidney (Renal edema)

Oedema is the accumulation of fluid in the extracellular and extravascular spaces of tissues and organs. Edema of the kidney (Renal edema) is one of the main symptoms of kidney damage, appearing in the morning and subsiding in the evening. Renal edema is characterized by swelling of the eyelids after sleep, facial swelling, and pallor.

**Main session:** 1 x 15 minutes every day for month, preferably in the morning.  
**Additional session:** 1 x 15 minutes *Normalization of kidney function (322)* (section Nosology).

**Complementary programs:**

- Kidney detoxification (399)
- Urinary retention (329)
- Glomerulonephritis (328)
- Edema - general program (437)

**Repeating the course of the session:** if necessary.

### 336. Pyelonephritis

Pyelonephritis is an inflammatory disease that attacks the kidneys, in which the renal pelvis, calices, and renal parenchyma are attacked simultaneously or sequentially. Usually, the disease affects one of the kidneys, and the most characteristic causative factor is *Escherichia coli*. Pyelonephritis is observed in 20-40% of patients with kidney and upper urinary tract damage.

Women and girls are more often affected than men. This is due to anatomical and physiological features of the urinary tract: in women, the urethra is short, so the infection can more easily ascend to the bladder.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Urinary tract infections (330)* (section Nosology);

1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

1 x 15 minutes *Normalization of the bladder function (321)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 7.

#### Complementary programs:

- Colon bacillus (460)
- Staphylococcus - general program (474)
- Streptococcus - general program (479)
- Chlamydia - general program (488)
- Mycoses- general program (517)
- Edema of the kidney (Renal edma) (335)
- Improving general well-being (617)
- Lymphatic drainage 1 (408)
- Detoxification - general program (397)
- Chronic inflammation of the bladder (Chronic cystitis) (343)

**Repeating the course of the session:** if necessary.

### 337. Prostate - general program

The prostate gland is one of the most important organs in the male reproductive system. It is a small gland (about the size of a walnut) located directly beneath the bladder, where the urethra passes through. The prostate gland is an organ of the reproductive and sexual system. One of its main functions is to produce a special secretion, which serves as a nutrient for sperm. Thanks to this secretion, sperm are mobile, viable, and ready for transport. Additionally, the prostate gland plays a role in the production of the „male hormone” testosterone and is responsible for erectile function.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Regulation of the male reproductive system (323)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 7.

#### Complementary programs:

- Chronic prostatitis (339)
- Improving blood circulation (618)
- Inflammatory process - general program (593)

- Acute pain (380)
- Urinary retention (329)
- Chronic diseases - general program (620)

**Repeating the course of the session:** if necessary z programami głównej choroby.

### 338. Prostate. Age-related changes

The changes in the prostate gland associated with age are related to changes in the hormonal background, primarily a decrease in testosterone levels. There is a list of age-related prostate diseases. For example, men between the ages of 20 and 50 are susceptible to infectious and inflammatory diseases, with the most common being prostatitis. In men aged 45-50, other pathologies such as prostate adenoma and prostate cancer may develop.

The goal of the program is to improve blood circulation in the pelvic organs, correct hormonal background, and reduce stagnation.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Regulation of the male reproductive system (323)* (section Nosology);

1 x 15 minutes *Age-related changes - general program (413)* (section Symptoms);

**Location of gel electrodes for the main and additional sessions:** no 7.

#### Complementary programs:

- Chronic prostatitis (339)
- Improving blood circulation (618)
- Inflammatory process - general program (593)
- Acute pain (380)
- Urinary retention (329)
- Prostate - general program (337)
- Chronic diseases - general program (620)

**Repeating the course of the session:** after 10-14 days.

### 339. Chronic prostatitis

The factors causing inflammation of the prostate gland are various bacteria: staphylococci, streptococci, *Escherichia coli*, *Proteus*, *Pseudomonas aeruginosa*, *Klebsiella*, gonococci, *Treponema pallidum*, trichomonads, chlamydia, fungi, mycoplasma, and others. The characteristic symptoms of chronic bacterial prostatitis are constant pain in the groin, which spreads to the sacrum. There is itching in the area of the sinus. Urinary disorders are minor or absent. With long-term and inappropriate treatment, sexual dysfunction occurs.

The general symptoms of prostate gland inflammation, apart from the exacerbation period, in-

clude: rapid fatigue, sleep disturbances, increased nervousness.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Regulation of the male reproductive system (323)* (section Nosology);

1 x 15 minutes *Urinary tract infections (330)* (section Nosology);

1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 7.

#### Complementary programs:

- Pain - general program (379)
- Cramps (spasm) - general program (393)
- Urinary retention (329)
- Urinary incontinence (332)
- Prostate - general program (337)
- Antiparasitic - general program (447)
- Chronic diseases - general program (620)
- Lymphatic drainage 1 (408)
- Emotional harmony program (581)

**Repeating the course of the session:** after 10-14 days.

## 340. Overactive bladder syndrome (OAB)

People with an overactive bladder suffer from sudden and frequent urges to urinate at any time of the day. In addition, these urges can be felt even with a small amount of urine in response to any provoking factor - the sound of running water, washing dishes or hands, going from hot to cold. Quite often, with an overactive bladder, the need to go to the bathroom is so sudden and strong that a person is unable to control the process, resulting in involuntary urination. Such a symptom can significantly disrupt a person's mental stability and limit their social activity. Sudden urinary incontinence occurs much more frequently in women, and systematically increases with age: it is a problem for one in four women aged 30-60 and for half of women over 60.

The aim of the program is to improve the quality of life of people with an overactive bladder. Therapeutic interventions also include behavioral therapy, including pelvic floor muscle training, urge control skills, and controlled fluid intake.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Normalization of the bladder function (321)* (section Nosology);

1 x 15 minutes *Urinary incontinence (332)* (section Nosology);

1 x 15 minutes *Emotional harmony program (581)* (section PEMF).

#### Complementary programs:



- Bladder diseases - general program (326)
- Normalization of nervous system functions (184)
- Normalization of muscle tone (628)
- Chronic diseases - general program (620)
- Chronic bed-wetting (Involuntary soaking) (193)
- Chronic inflammation of the bladder (Chronic cystitis) (343)

**Repeating the course of the session:** after 14 days.

### 341. Inflammation of the urethra (Urethritis)

In men aged 50 and older, prostatitis most commonly develops as a result of inflammation of the prostate gland. In patients aged 15 to 40, the most common cause of acute urethritis is sexually transmitted diseases. Symptoms of urethritis include purulent discharge from the external opening of the urethra, pain at the site of inflammation, and burning during urination.

**Main session:** 1 x 15 minutes, 2 times a day for 5-7 days; then 1 time within 14 days.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF); 1 x 15 minutes *Urinary tract infections (330)* (section Nosology);

#### Complementary programs:

- Pain - general program (379)
- Cramps (spasm) - general program (393)
- Streptococcus - general program (479)
- Staphylococcus - general program (474)
- Detoxification - general program (397)
- Normalization of the immune system (1)
- Pyelonephritis (336)
- Chronic inflammation of the bladder (Chronic cystitis) (343)
- Lymphatic drainage 1 (408)
- Antiparasitic - general program (447)
- Candida - general program (525)
- Ureaplasma (486)
- Mycoplasma - general program (467)

**Repeating the course of the session:** if necessary.

### 342. Acute inflammation of the bladder (Acute cystitis)

Acute inflammation of the bladder (Acute cystitis) is a condition characterized by inflammation of the urinary bladder mucosa. It can occur in people of all ages, more commonly in women than in men. The symptoms appear suddenly a few hours after cooling or exposure to other trigger-

ing factors. The main symptoms include frequent and painful urination, bladder pain, and pyuria (discharge of drops of pus with urine). In some patients, the urge to urinate occurs every 30-40 minutes, but in most of them, these intervals are shortened to a few minutes, and with an intense process, they occur continuously both during the day and at night. Urination is accompanied by pain, the intensity of which often increases before and immediately after urination, becoming almost constant. Cystitis is one of those diseases that can be caused by various INFECTIOUS AGENTS. The most common cause is Escherichia coli. However, cystitis can also be caused by the penetration of the following infectious agents: Staphylococcus aureus, beta-hemolytic streptococcus, mycoplasma, chlamydia, Trichomonas, yeast, etc. The causative agent of inflammation is introduced into the mucous membrane of the urinary bladder wall by adhesion.

**Main session:** 1 x 15 minutes, 3 times a day, for 3 days – to reduce pain and dysuric disorders; then once a month.

**Additional session I:**

1 x 15 minutes *Urinary tract infections (330)* (section Nosology);

1 x 15 minutes *Antiparasitic - general program (447)* (section INFECTIOUS AGENTS);

1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

**Additional session II:**

1 x 15 minutes *Urinary tract infections (330)* (section Nosology);

1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

**Complementary programs:**

- Colon bacillus (460)
- Pain - general program (379)
- Cramps (spasm) – general program (393)
- Detoxification - general program (397)
- Normalization of the bladder function (321)
- Streptococcus - general program (479)
- Staphylococcus - general program (474)
- Normalization of the immune system (1)
- Pyelonephritis (336)
- Chronic inflammation of the bladder (Chronic cystitis) (343)
- Candida- general program (525)
- Ureaplasma (486)
- Mycoplasma - general program (467)

**Repeating the course of the session:** after 10-14 days; to prevent the recurrence of the pathological process, the program is always linked to the program *Inflammatory process - general program (593)*.

### 343. Chronic inflammation of the bladder (Chronic cystitis)

Rarely does it develop as an independent disease. Usually, it is a complication of abnormalities in the bladder or urethra (diverticulum, tumor, adhesion, atherosclerosis, adenoma, urethral stricture, etc.). The clinical picture of chronic cystitis is associated not only with different durations of remission periods, different underlying conditions, but also with the severity of symptoms, the intensity of this or that symptom. Sometimes, chronic cystitis is accompanied by persistent pain syndrome (painful bladder syndrome). In some patients, the main symptom is frequent urination (accelerated urination - more than 4-5 times a day and more than once at night, accompanied by pain and very strong urgency). Always, varying degrees of pyuria are noted. The most common causes of bladder and urinary tract infections are *Escherichia coli*, *Klebsiella*, staphylococci, etc.

**Main session:** 1 x 15 minutes every day for 14-20 days.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);

1 x 15 minutes *Urinary tract infections (330)* (section Nosology);

1 x 15 minutes *Normalization of the bladder function (321)* (section Nosology);

#### Complementary programs:

- Bladder diseases - general program (326)
- Pain - general program (379)
- Colon bacillus (460)
- Urinary incontinence (332)
- Normalization of the immune system (1)
- Chronic diseases - general program (620)

**Repeating the course of the session:** after 10-14 days.

### 344. Erectile dysfunction (impotence)

Erectile dysfunction (impotence) is a more modern and correct name for impotence. In most cases, the basis of the disease is vascular pathologies, neurological, psychological, and hormonal disorders. The disease can also be caused by taking a number of medications. According to the causes of Erectile dysfunction (impotence), it can be primary (a man has never had the opportunity to achieve an erection) and secondary (acquired during life). Primary impotence almost always occurs against the background of psychological factors or anatomical disorders. The secondary form of the pathology develops in 90% of cases and has an organic etiology. In most men, psychological disorders develop rapidly against the background of the disorder, which exacerbate the disease. Causes of erectile dysfunction unrelated to physiological disorders in male genital organs may include fear, depression, anxiety, strong stress, neurological diseases, taking intoxicating substances, alcohol, smoking, taking certain groups of medications, injuries and surgeries in the groin and pelvic area, endocrine disorders (metabolic syndrome, diabetes),

overweight, and external influences (chemical, radiation).

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Regulation of the male reproductive system (323)* (section Nosology);

1 x 15 minutes *Restoration of hormonal balance in men (104)* (section Nosology);

1 x 15 minutes *Stress (288)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 7.

**Complementary programs:**

- Age-related changes - general program (413)
- Normalization of nervous system functions (184)
- Lymphatic drainage 1 (408)
- Male infertility - general program (325)
- Irritability reduction program (579)
- Mood Improvement Program (580)
- Emotional harmony program (581)

**Repeating the course of the session:** after 10-14 days; or prophylactically for 1 session every other day, continuation.

# SURGERY

Surgery is one of the most complex fields in modern medicine. All organs and tissues of the human body, which cannot be treated with therapeutic methods, require surgical intervention. The most important stage of treatment for surgical patients is postoperative rehabilitation, which is necessary for the vast majority of patients. Postoperative recovery depends on the severity of the disease, the nature and scope of the surgical intervention and may last for several days or several months.

The programs of the department are used during the rehabilitation period after surgical intervention and are combined with other methods of recovery, such as medication, diet therapy, physical therapy, massage and reflexology.

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot)	3. Induction loop or built-in inductor
2. Gel electrodes (self-adhesive applied locally to a specific zone) - (Gel electrodes are NOT applied to the postoperative wound area).	4. Induction mat

## 345. Convalescence after surgery of genitourinary system

The program is designed to rehabilitate individuals after urogenital surgery, especially in severe cases. It supports faster healing of the postoperative wound and alleviates pain syndrome.

**Main session:** 1 x 15 minutes, 2 times a day for 3-5 days; then 1 time in 14 days. After performing diagnostic procedures 1 x 15 minutes 3 times a day during the day.

**Additional session:** 1 x 15 minutes *Pain - general program (379)* (section Symptoms); 1 x 15 minutes *Regeneration of the mucosa (613)* (section PEMF).

**Repeating the course of the session:** if necessary.

## 346. Hemorrhoids

Hemorrhoids are an enlargement of the veins in the hemorrhoidal plexus of the anal canal, which occurs when the pressure in the veins increases. This pressure can be observed during pregnancy, frequent lifting of heavy objects, and frequent straining during bowel movements (constipation). Hemorrhoids often occur without symptoms, or only nodular protrusions can be observed. External hemorrhoids can result in complications due to thrombosis, which is accompanied by pain, swelling, and a purple discoloration of the nodule. In isolated cases, ulceration and slight

bleeding may occur. Internal hemorrhoids usually manifest as bleeding after defecation; traces of blood may be found on toilet paper, sometimes on the toilet surface. Internal hemorrhoids can cause discomfort, but do not cause as much pain as external hemorrhoids. Surgical intervention is indicated for individuals for whom other forms of treatment have not produced the desired effect, as well as for patients with severe internal hemorrhoids. In the postoperative period, significant pain is often observed. The program is used in both the therapy of chronic hemorrhoids and during the recovery period after surgery.

**Main session:** 1 x 15 minutes 2 times a day for 14 days.

**Additional session:** 1 x 15 minutes *Acute pain (380)* (section Symptoms);

1 x 15 minutes *Improving blood circulation (618)* (section PEMF).

1 x 15 minutes *Chronic diseases - general program (620)* (section PEMF).

**Complementary programs:**

- Constipation (420)
- Diarrhea (419)
- General regeneration - recovery (596)

**Repeating the course of the session:** after 10-14 days.

### 347. Benign tumors - general program

Benign tumors are stable growths that do not show a tendency for unlimited growth and changes in tissue structure, and do not pose an immediate threat to life. A benign tumor has a more favorable course than a malignant one and does not require radical treatment, at least in the early stages. When conservative treatment is ineffective or when symptoms are severe, surgical treatment is used, during which the tumor is partially or completely removed.

The program is general and is used in all types of pre-cancerous conditions and tumors that do not show signs of malignancy (rapid, uncontrolled growth; tendency to relapse and metastasize; impairment of physical health). The program is not the main method of treatment and only serves as an additional therapy to strengthen the effect of the main treatment.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);

1 x 15 minutes *Chronic diseases - general program (620)* (section PEMF);

1 x 15 minutes *Improving general well-being (617)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 11.

**Complementary programs:**

- Nausea (440)
- Pain - general program (379)
- Improving the appetite (412)

- Dizziness (418)
- Exhaustion of the body (423)
- Detoxification - general program (397)

**Repeating the course of the session:** after 10 days.

### 348. Hernia - general program

Hernia is a condition in which internal organs protrude through a natural or pathologically formed opening from the cavity they normally occupy. The names of hernias correspond to the anatomical regions in which they occur (inguinal, femoral, umbilical, as well as diaphragmatic, internal, intervertebral hernias). This condition can be life-threatening if complications develop. The most common and dangerous complication of hernias is strangulation, in which an organ protrudes through the elastic hernia orifice when the pressure in the abdominal cavity increases, and becomes trapped, unable to return to the abdominal cavity. At the same time, blood flow to the compressed part of the organ is disrupted. Therefore, the most rational method of treatment is surgical intervention.

The program is used in combination with specialized rehabilitation methods.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);  
1 x 15 minutes *Pain - general program (379)* (section Symptoms);

1 x 15 minutes *Regeneration of bone and muscle tissue(609)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 11.

#### Complementary programs:

- Nausea (440)
- Pain - general program (379)
- Improving the appetite (412)
- Dizziness (418)
- Exhaustion of the body (423)

**Repeating the course of the session:** after 10 days.

### 349. Disc herniation

Herniated disc is a spinal disease characterized by the displacement of the inner part of the intervertebral disc with a rupture of its outer covering. The presence of a herniated disc is indicated by piercing or pulling pain in the area of damaged cartilage. In addition, a number of neurological symptoms indicate a herniated disc - pain that increases and concentrates not only in the damaged area of the back but may also radiate to the arm or leg. Additionally, phantom pain in the heart may occur in cases of herniated discs in the thoracic spine. The main causes of herniat-

ed discs are injuries caused by falls and sharp twists, and the consequences of lifting heavy objects. There is also a fairly high probability of developing a herniated disc in people with incorrect posture, osteochondrosis, or other spinal pathologies.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Spine diseases - general program (217)* (section Nosology);

1 x 15 minutes *Pain - general program (379)* (section Symptoms);

1 x 15 minutes *Regeneration of bone and muscle tissue(609)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 5, 7.

**Complementary programs:**

- Sinus inflammation (Sinusitis) (348)
- Acute pain with neuralgia (381)
- Lymphatic drainage 1 (408)
- Improving general well-being (617)
- Chronic diseases - general program (620)

**Repeating the course of the session:** after 10 days.

## 350. Inguinal hernia

Inguinal hernia is a condition in which abdominal organs protrude through the anterior wall of the abdominal cavity through the inguinal canal. It is the most common type of hernia, accounting for up to 75% of all external abdominal hernias, and occurs mainly in men. Inguinal hernias can be congenital (occurring during embryonic development), acquired (resulting from various factors during the post-embryonic period), or recurrent (occurring at the site of a previous surgical scar). Risk factors for inguinal hernia include a sedentary lifestyle, heavy lifting, obesity, prolonged immobilization, groin injuries, and prolonged and forceful coughing, which increases intra-abdominal pressure. Inguinal hernias are relatively easy to diagnose, but it is important to note that they often start almost symptom-free, which makes them very dangerous. When symptoms of inguinal hernia occur, characteristic features include swelling in the groin area that worsens with coughing, exertion, and standing, as well as dull pain that intensifies with coughing, sneezing, sudden movements, prolonged walking, exertion, etc., and discomfort and a feeling of heaviness in the lower abdomen.

Unfortunately, the only effective method of treatment for inguinal hernia is surgical intervention. Non-surgical treatment of inguinal hernia is possible if the disease is asymptomatic or the symptoms are minimal.



**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);

1 x 15 minutes *Hernia - general program (348)* (section Nosology);

1 x 15 minutes *Regeneration of bone and muscle tissue(609)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 8.

**Complementary programs:**

- Pain - general program (379)
- Constipation (420)
- Improving general well-being (617)
- Chronic diseases - general program (620)

**Repeating the course of the session:** after 10 days.

## 351. Hiatus hernia

Hiatus hernia is a pathological condition characterized by the displacement of internal tissues and organs, whose location should be below the diaphragm, into the thoracic cavity. The diaphragm in the human body divides the organs into those located at the level of the thorax (lungs, heart) and the abdominal cavity (stomach, intestines, pancreas, kidneys, etc.). There are several openings in the diaphragm, one of which is the esophageal hiatus, through which the esophagus from the thoracic cavity passes into the abdominal cavity and joins the stomach. When the esophageal hiatus increases in diameter, the stomach is partially displaced from the abdominal cavity to the thoracic cavity, forming a hiatal hernia. According to statistics, hiatal hernias are more frequently diagnosed in elderly women. In the early stages of the disease, the displacement of organs occurs under the influence of certain factors - physical exertion, severe coughing, excessive food intake, and others. With the progression of the pathology, organ displacement becomes permanent. The danger of this hernia lies in the lack of specific symptoms. Therefore, patients may confuse the disease with other disorders that develop in the digestive organs, and even the cardiovascular system (heartburn after eating, frequent hiccups, belching, swallowing difficulties, abdominal distension, breathing difficulties, dry cough, heart rhythm disorders, pain in the upper abdomen, behind the sternum, and under the ribs). Often, the disease is diagnosed incidentally during an examination.

The most effective way to treat a hiatal hernia is through surgical intervention. Unlike conservative treatment, surgery completely restores the normal functioning of the abdominal organs, preventing the development of relapses.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);

1 x 15 minutes *Hernia - general program (348)* (section Nosology);

### Complementary programs:

- Pain - general program (379)
- Abdominal pain (367)
- Nausea (440)
- Vomiting (439)
- General digestive disorders (438)
- Meteorism, abdominal distension (427)
- Normalization of gastrointestinal function (12)
- Improving general well-being (617)
- Chronic diseases - general program (620)
- Regeneration of bone and muscle tissue (609)

**Repeating the course of the session:** after 10 days.

## 352. Umbilical hernia

Umbilical hernia is a condition in which internal organs (intestines, omentum) protrude through the anterior abdominal wall through an opening located in the umbilicus (umbilical ring). It is most commonly diagnosed in girls or women. The size of an umbilical hernia can range from 1-3 cm to 20 cm or more. The main causes of umbilical hernia development are difficult pregnancy and childbirth; playing wind instruments; coughing due to chronic bronchitis; abdominal trauma; obesity; chronic constipation, and weakening of the abdominal muscles. The main symptom of an umbilical hernia is a round or oval protrusion in the area of the navel. Initially, it is noticeable only during tension (during exertion, performing exercises to strengthen the abdominal muscles, lifting weights). As the pathology progresses, the hernia becomes constantly visible, but disappears when the patient lies on their back and relaxes. In the future, the protrusions will have to be removed with your fingers, even in a supine position. Typically, at this time, adhesions have already formed between the hernial sac and subcutaneous tissue, and the patient begins to experience other symptoms: dyspeptic disorders (belching, heartburn, bloating); pulling, painful, cramping abdominal pain; painful bowel movements. Painful sensations usually appear after eating and physical exertion, as well as during going to the toilet. Surgical treatment is recommended for umbilical hernia in adults. In children, conservative treatment is possible in the case of small hernias.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);  
1 x 15 minutes *Hernia - general program (348)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 11.

### Complementary programs:

- Abdominal pain (367)

- General digestive disorders (438)
- Meteorism, abdominal distension (427)
- Normalization of gastrointestinal function (12)
- Improving general well-being (617)
- Chronic diseases - general program (620)
- Regeneration of bone and muscle tissue(609)

**Repeating the course of the session:** after 10 days.

### 353. Cysts

Cysts are pathological cavities in organs and tissues filled with a specific content. They can form in any part of the body. The cause of cyst formation is the blockage of the body's natural drainage channels, which leads to the accumulation of fluid. Cysts often form to protect the body from external influences (for example, from the spread of infection, inflammatory conditions, parasitic microorganisms). Cysts are classified as benign, but in some cases they can become malignant.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);

1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

**Complementary programs:**

- Antiparasitic - general program (447)
- Detoxification - general program (397)

**Repeating the course of the session:** after 10 days.

### 354. Breast lumps

Breast lump is a pathological formation with fluid content that develops in the milk ducts of the breast. It is most commonly diagnosed in women aged 25 to 45. Breast lumps often arise due to hormonal disturbances caused by various factors, but other disorders can also contribute to their development. The most common causes of breast lumps include prolonged or uncontrolled use of hormonal medications, prolonged or severe stress, thyroid disease, metabolic disorders, especially obesity, and unhealthy habits. A breast cyst can also develop in people with diabetes, after injuries or surgical procedures. In the initial stage, a breast cyst is almost invisible. A large breast cyst can be painful. When the cyst is inflamed, pain persists in the breast, there is redness of the skin, an increase in the size of the axillary lymph nodes, and an increase in temperature. For small, single, and slowly growing cysts, conservative treatment and periodic monitoring are sufficient. For larger cysts, drainage or surgical removal is recommended.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);

1 x 15 minutes *Cysts (353)* (section Nosology);

**Complementary programs:**

- Pain - general program (379)
- Lymphedema (436)
- Normalization of the endocrine system functions (98)
- Inflammatory process - general program (593)

**Repeating the course of the session:** after 10 days.

### 355. Ovarian cyst - general program

An ovarian cyst is a benign, tumor-like formation in the ovary filled with fluid. The volume of fluid in the cyst gradually increases, causing it to enlarge. A large cyst may compress adjacent organs and lead to serious complications. Ovarian cysts rank second among female genital organ tumors. They most commonly develop in women of reproductive age. The main causes of ovarian cysts are: inflammatory processes in the ovaries and fallopian tubes; endocrine and metabolic disorders; taking certain medications; ovulation stimulation. The disease often proceeds without symptoms. Sometimes there may be pain in the lower abdomen (usually dull and aching, may radiate to the lower back); enlargement of the abdomen (if the cyst is large); lack of ovulation; disruption of the menstrual cycle (heavy discharge during menstruation and lengthening of its duration); discomfort during urination. The choice of treatment tactics depends on the type of cyst, duration of the disease, symptoms of the ovarian cyst, clinical manifestations, age, and the specific health condition of the patient. In most cases, surgical removal of the ovarian cyst is recommended. A program can be used to support the therapy of small cysts that do not require surgical intervention or during rehabilitation after surgery to prevent recurrence and speed up recovery.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);

1 x 15 minutes *Cysts (353)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 8.

**Complementary programs:**

- Inflammatory process - general program (593)
- Pain - general program (379)
- Lymphedema (436)
- Normalization of the endocrine system functions (98)
- Regulation of the female reproductive system (67)

**Repeating the course of the session:** after 10 days.

## 356. Polyps - general program

Polyps are pathological growths located above the surface of mucous membranes. Polyps of different organs are different diseases that have their own causes, individual clinical symptoms, methods of diagnosis and treatment. The clinical picture of polyps is very diverse and depends on the location, structure, size, frequency of occurrence of the process, and complications. Often, polyps can narrow or block the lumen of an organ, such as the intestines or nasal passages. In other cases, polyps can be a source of bleeding or the development of an inflammatory process. The program is used in combination with a specialized program to enhance the effect during the rehabilitation period after the surgery or as part of preparation for it.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Benign tumors - general program(347)* (section Nosology);

1 x 15 minutes *Regeneration of the mucosa (613)* (section PEMF);

1 x 15 minutes *Chronic diseases - general program (620)* (section PEMF).

### Complementary programs:

- Nasal polyps (358)
- Oesophagus (gullet) polyps (359)
- Colon polyps (360)
- Cervical polyps (361)
- Human papillomavirus - general program (503)
- Peptostreptococcus (471)

**Repeating the course of the session:** after 10-14 days.

## 357. Cervical polyps 1

Cervical polyps to benign tumors that occur in the uterine cavity. The size of the growths varies from 1-2 mm to several centimeters, and one or several of these growths can appear on the walls of the organ. Cervical polyps affect women of different age groups and are quite common in gynecology (they account for up to 20% of all diagnosed pathologies of this type). Possible causes of their development include hormonal imbalances (a deficiency of progesterone and an excess of estrogens) as well as chronic inflammatory diseases of the female genital organs, injuries to the uterine cavity caused by abortions, diagnostic scraping, and the use of an intrauterine device. The disease can recur.

The program is used to prevent the recurrence and complications of the disease, and to improve overall well-being.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Benign tumors - general program* (347) (section Nosology);  
1 x 15 minutes *Polyps - general program* (356) (section Nosology);  
1 x 15 minutes *Regeneration of the mucosa* (613) (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 11.

**Complementary programs:**

- Human papillomavirus - general program (503)
- Regulation of the menstrual cycle (68)
- Pain - general program (379)
- Chronic diseases - general program (620)
- General regeneration - recovery (596)

**Repeating the course of the session:** after 14 days.

## 358. Nasal polyps

Nasal polyps and sinus polyps are benign soft tissue tumors located in the nasal cavity or sinuses. Possible causes include genetic predispositions, chronic inflammatory conditions (bacterial, fungal, allergic), frequently recurring acute viral respiratory diseases, and deviated septum. Polypoid sinus inflammation (sinusitis) is often associated with bronchial asthma and non-steroidal anti-inflammatory drug intolerance. The disease develops slowly. From the onset of inflammation to the appearance of the first symptoms, several months or a year may elapse. The main complaints associated with polypoid inflammation of the sinuses are persistent congestion of the nasal mucosa and difficulty breathing through the nose; possible decrease or total loss of smell, hoarseness, headache. People may notice the presence of nasal discharge. Small polyps may exist without symptoms. With appropriate and timely treatment, the possibility of recurrence is minimized.

The program is used to relieve symptoms in the period leading up to surgical intervention and in the postoperative period. It helps prevent the development of complications.

**Main session:** 1 x 15 minutes every day for 1-2 months.

**Additional session:** 1 x 15 minutes *Polyps - general program* (356) (section Nosology);  
1 x 15 minutes *Strengthening the protective functions of the body* (619) (section PEMF).

**Complementary programs:**

- Inflammatory process - general program (593)
- Inflammatory swelling (435)
- The olfactory disorder (429)
- Headache - general program (388)
- Regeneration of the mucosa (613)

- Human papillomavirus - general program (503)
- Chronic diseases - general program (620)
- Chronic diseases - general program (620)

**Repeating the course of the session:** after 14 days.

### 359. Oesophagus (gullet) polyps

Abnormal growth of the mucous membrane tissues on the walls of the esophagus. It is a benign tumor. Men over the age of 40 are more prone to this disease. Often, it progresses without symptoms. The first signs of esophageal polyps are discomfort and mild pain when swallowing solid food. As the disease progresses and the polyp grows in size, there may be nausea and vomiting after eating, periodic or constant moderate pain behind the sternum, breathing difficulties due to pressure on the airways caused by a large polyp. The general condition of the patients is usually not disturbed. The main conditions for the formation of esophageal polyps are inflammatory processes, injuries (mechanical damage to the epithelium, the action of thermal and chemical factors), dietary habits (continuous irritation of the epithelial layer by spicy, hot, acidic, and sharp foods as well as excessive consumption of strong alcoholic beverages), prolonged exposure to adverse environmental conditions, frequent stressful situations, and smoking tobacco. The main method of treating polyps is minimally invasive surgery.

The program is used to prevent the development of recurrences, complicated course of the disease, and in the rehabilitation period.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Benign tumors - general program (347)* (section Nosology);  
1 x 15 minutes *Polyps - general program (356)* (section Nosology);  
1 x 15 minutes *Regeneration of the mucosa (613)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 11.

#### Complementary programs:

- Human papillomavirus - general program (503)
- Pain - general program (379)
- Chronic diseases - general program (620)
- General regeneration - recovery (596)
- Inflammatory swelling (435)
- Nausea (440)

**Repeating the course of the session:** after 14 days.

### 360. Colon polyps

A benign tumor of tissue that grows from the wall of the intestine towards the lumen. Polyps usu-

ally do not have clinical manifestations. If symptoms are present, the most typical one is the presence of blood in the stool. If the polyp is large, abdominal pain resembling cramps may occur. Risk factors for development include age over 40-50, a family history of benign or malignant tumors of the gastrointestinal tract. The main method of treating polyps is minimally invasive surgery. The program is not the main method of therapy and is used to prepare for surgery in order to improve the general condition and reduce clinical symptoms, or in the postoperative period to speed up the recovery process and prevent recurrences.

**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Benign tumors - general program (347)* (section Nosology);

1 x 15 minutes *Polyps - general program (356)* (section Nosology);

1 x 15 minutes *Regeneration of the mucosa (613)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 11.

#### **Complementary programs:**

- Human papillomavirus - general program (503)
- Antiparasitic - general program (447)
- Abdominal pain (367)
- Chronic diseases - general program (620)
- General regeneration - recovery (596)
- Inflammatory swelling (435)
- Diarrhea (419)
- Meteorism, abdominal distension (427)

**Repeating the course of the session:** after 10 days.

### **361. Cervical polyps**

Cervical polyp is a growth of the cervical mucosa ranging in size from 3-4 mm to over 1 cm. Polyps can be diagnosed in women of all ages: teenagers, young girls, and women during menopause. The main factors contributing to local growth of the mucosa include hormonal changes, chronic gynecological inflammatory diseases, decreased immune system function due to psycho-emotional overload, frequent stressful situations, lack of sleep, and chronic fatigue. Small, single polyps may not cause symptoms. Cervical polyps are benign tumors, but for a certain category of patients and under favorable factors, this disease carries a high risk of malignant transformation. The dangerous symptoms in this situation are the presence of bloody discharge during menopause and symptoms of a paraneoplastic syndrome: anemia, loss of appetite, sudden weight loss, fatigue, etc. Therefore, all cervical polyps should be radically removed.

The program is used in the rehabilitation period after surgical removal in order to promote faster healing of the surgical wound, improve the overall condition, and prevent the recurrence of polyps.



**Main session:** 1 x 15 minutes every day for month.

**Additional session:** 1 x 15 minutes *Benign tumors - general program (347)* (section Nosology);  
1 x 15 minutes *Polyps - general program (356)* (section Nosology);  
1 x 15 minutes *Regeneration of the mucosa (613)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 11.

**Complementary programs:**

- Human papillomavirus - general program – program ogólny (503)
- Antiparasitic - general program (447)
- Pain - general program (379)
- Chronic diseases - general program (620)
- General regeneration - recovery (596)
- Regulation of the female reproductive system (67)
- Inflammatory process - general program (593)

**Repeating the course of the session:** after 10 days.

## 362. Thrombophlebitis

Thrombophlebitis is an inflammation of the vein walls accompanied by the formation of blood clots. The disease affects the extremities (both lower and upper), pelvic organs, chest, and neck. The risk of developing thrombophlebitis is high during pregnancy, childbirth, decreased activity (bedridden patients after a stroke, heart attack, injuries, and major surgeries), overweight, and other venous diseases in the patient. The most common cause of thrombophlebitis is varicose veins. The main symptoms of thrombophlebitis are pain, swelling, skin discoloration, bulging veins, body temperature rising to 39°C, lower back pain, and thickening and redness of the affected vein. In case of the appearance of symptoms of thrombophlebitis, it is necessary to consult a doctor as soon as possible and start treatment. This is the only way to avoid serious complications of thrombophlebitis. The program is used in the rehabilitation period after acute thrombophlebitis and in the treatment of chronic thrombophlebitis to eliminate the inflammatory process, reduce pain, restore hemodynamics, thin the blood, and slow down the process of vein hardening.

**Main session:** 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);  
1 x 15 minutes *Improving blood circulation (618)* (section PEMF);  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** nr 13.

**Complementary programs:**

- Pain - general program (379)
- Chronic diseases - general program (620)

- Lymphedema (436)
- Edema - general program (437)

**Repeating the course of the session:** after 10 days.

# COVID-19

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COVID-19 is an infectious disease caused by the SARS-CoV-2 coronavirus. The course of the disease can be complicated by a high number of complications. The Ministry of Health recommends mandatory vaccination against COVID-19.

## 363. Coronavirus - general program

The Coronaviruses are a group of viruses that cause various types of infections, mainly affecting the human respiratory system. The 2019 coronavirus, known as SARS-CoV-2 or 2019-nCoV, is a new virus that causes respiratory diseases in humans (including the acute respiratory disease COVID-19) and can be transmitted from person to person, including through airborne transmission (droplet transmission). The virus most commonly attacks the lungs, but can also affect other organ systems, including the cardiovascular, renal, urogenital, nervous, and hormonal systems, as well as the digestive and musculoskeletal systems to a lesser extent.

The goal of the program is to eliminate the coronavirus from the human body.

**Main session:** 1 x 15 minutes 3-4 times a day for 10-14 days; later once a day for 20 days.

**Additional session:** 1 x 15 minutes *Detoxification of viral infections* (402) (section Symptoms);  
1 x 15 minutes *Lymphatic drainage 1* (408) (section Symptoms).

**Preventive session:** 1 x 15 minutes 2 times a day for 14 days.

## 364. COVID-19

COVID-19 is a disease caused by SARS-CoV-2 and is characterized by the presence of primarily viral pneumonia symptoms, as well as damage to other organs and systems. Some people may be asymptomatic. The onset of COVID-19 symptoms is usually observed around 5-6 days after a person is infected. This period can appear a day after contact with the coronavirus or last up to 14 days. The most common symptoms include fever, cough, loss of taste or smell, sore throat, headache, muscle and joint pain, red or swollen eyes, and significant general weakness.

Treatment for COVID-19 is complex, and is under control by monitoring blood oxygen saturation (saturations). The program serves as an auxiliary method of treatment. The program aims to improve the overall condition, reduce disease symptoms, speed up recovery, and prevent the development of complications.

With the appearance of symptoms indicating a severe course of COVID-19: difficulty breathing, high fever, shortness of breath, oxygen saturation drop below 95%, speech or motor function disorders, confusion, and chest pain - immediate medical consultation is necessary.

**Main session:** 1 x 15 minutes every day for 30 days.

**Additional session:** 1 x 15 minutes *Coronavirus - general program (363)* (section Nosology);

1 x 15 minutes *Viral pneumonia (302)* (section Nosology);

1 x 15 minutes Improvement of breathing function (305) (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 6.

**Complementary programs:**

- Inflammatory swelling (435)
- Hypoxia (416)
- Asthma-like syndrome (294)
- Pulmonary fibrosis (306)
- Cough - general program (424)
- Blood detoxification (395)
- Lung detoxification (396)
- Improving blood circulation (618)
- Coagulopathy (46)
- Taste disturbance (428)
- The olfactory disorder (429)
- General regeneration - recovery (596)

### **365. Rehabilitation after coronavirus - 1st stage**

Post-COVID syndrome is a condition characterized by the development of various symptoms that last for more than 4 weeks after recovery from coronavirus disease, without a clear cause or specific diagnosis. The post-COVID syndrome has not yet been fully studied, and everything depends on the progress of the disease itself, the affected systems, organs, and coexisting diseases. The main symptoms of post-COVID syndrome include general weakness, reduced physical activity and ability to work, increase in body temperature, anorexia, the appearance of shortness of breath with minimal physical exertion, chest pain with deep breathing, lack of oxygen in the surrounding air, lack or distortion of smell and taste for several months, dizziness, and memory loss. In addition, post-COVID syndrome may be accompanied by arrhythmia, tachycardia, increase in blood pressure, development of diabetes, psychoemotional problems, and the development of depression and insomnia.

Most people who have a severe form of coronavirus and are treated in the intensive care unit have mental health problems.

Due to the treatment of coronavirus at home, long-term isolation, and lack of face-to-face communication, people often experience anxiety before going outside and begin to withdraw into themselves. The goal of the program is to prevent the development of post-COVID syndrome,

reduce its symptoms, and normalize the patient's overall condition. This is the first stage of rehabilitation after the illness.

**Main session:** 1 x 15 minutes every day for 30 days.

**Additional session:** 1 x 15 minutes *Regeneration of lung tissue(611)* (section PEMF);

1 x 15 minutes *Improvement of breathing function (305)* (section Nosology)

1 x 15 minutes *Normalization of lung function (293)* (section Nosology);

#### **Complementary programs:**

- Normalization of nervous system functions (184)
- Hypoxia (416)
- Normalization of heart function 9156)
- Asthma-like syndrome (294)
- Normalization of blood flow (154)
- Pulmonary fibrosis (306)
- Improving blood circulation (618)
- Coagulopathy (46)
- Taste disturbance (428)
- The olfactory disorder (429)
- Depressive syndrome (273)
- Sleep regulation - insomnia (287)
- Psycho-vegetative syndrome (284)
- Strengthening the protective functions of the body (619)
- Normalization of the endocrine system functions (98)
- General regeneration - recovery (596)

## **366. Rehabilitation after coronavirus - stage 2**

The period of recovery after COVID-19 can last from one month to one year, depending on the initial state of the body and the characteristics of the transferred infection. The second stage of rehabilitation lasts a long time, until a permanent improvement in the general well-being is achieved.

**Main session:** 1 x 15 minutes, every day, continued.

**Additional session:** 1 x 15 minutes *Normalization of lung function (293)* (section Nosology);

1 x 15 minutes *Normalization of nervous system functions (184)* (section Nosology);

1 x 15 minutes *Normalization of the endocrine system functions (98)* (section Nosology);

1 x 15 minutes *Normalization of heart function (156)* (section Nosology);

1 x 15 minutes *Normalization of blood flow (618)* (section Nosology);

1 x 15 minutes *Normalization of the immune system (1)* (section Nosology);

# **IX. SYMPTOMS**

# PAIN / CRAMPS

Symptomatic programs provide relief for short-term moderate pain and reduce inflammation. They can be used both in short cycles and for a longer period of time, throughout the duration of the condition that caused the pain. In case of severe pain that persists for a longer period of time, medical assistance is necessary.

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot)	3. Induction loop or built-in inductor
2. Gel electrodes (self-adhesive applied topically to a specific zone).	4. Induction mat

## 367. Abdominal pain

This program is used solely as an „emergency” in cases of chronic functional pain (e.g. intestinal diseases). Acute „surgical” pain must be excluded! In women of reproductive age, pregnancy must be excluded!

**Main session:** 4 x 15 minutes using metal electrodes .

## 368. Stomach ache

Stomach disorders often cause pain. The discomfort is usually felt in the upper abdomen. The character of the pain can be different, it can be mild or intense. Mild pain, discomfort and heaviness under the sternum are a sign of decreased production of stomach acid. Pain can occur at any time of the day, regardless of the food intake, and it is difficult to determine the specific location of the pain. If the production of stomach acid is too active (for example in inflammation of the stomach with increased secretion), the pain intensifies after eating.

**Main session:** 4 x 15 minutes using metal electrodes .

## 369. Knee pain

Knee pain often appears as a result of injuries such as sprains, dislocations, as well as degenerative joint disease, tendonitis or bursitis.

Knee pain is more common in older people, those who are overweight (due to increased joint pressure) and athletes.

**Main session:** 4 x 15 minutes using metal electrodes.

**Additional session:** 2 x 15 minutes Loop /Induction mat or gel electrodes applied topically to the pain area

If it is necessary, repeat sessions several times a day until relief.

### 370. Elbow pain

The most common cause of elbow pain is due to injury or overuse in certain sports. Elbow pain can also be caused by an inflammatory condition accompanied by swelling or limited mobility. Diseases that can cause elbow pain include: degenerative joint disease; osteochondrosis; gout; bursitis; carpal tunnel syndrome (CTS), etc.

**Main session:** 2 x 15 minutes using metal electrodes.

**Additional session:** 2 x 15 minutes Loop/Inductive mat or gel electrodes applied topically to the pain area.

If it is necessary, repeat sessions several times a day until relief.

### 371. Arm pain

The main causes of shoulder joint pain are muscle fatigue and tension. Other causes of pain are characterized by the following symptoms:

Tendonitis, tendon damage - very strong pain that increases with effort, progressing over time.

Arthritis - painful pain, worsening over time, observed when lifting the arm, circular rotation, reduces the mobility of the shoulder joint.

Muscle pain - muscle pain of varying intensity that intensifies with pressure.

Osteochondrosis - pain increases at rest, reduces the mobility of the shoulder joint. Nerve inflammation, plexopathy - intense pain under the scapula, in the neck, possible numbness, shooting pain, tingling.

**Main session:** 4 x 15 minutes using metal electrodes.

**Additional session:** 2 x 15 minutes Loop/Inductive mat or gel electrodes applied topically to the pain area.

If it is necessary, repeat sessions several times a day until relief.

### 372. Back pain

Up to 90% of back pain is of mechanical origin. This means that the pain depends on certain positions and movements. In children, the most common cause of back pain is postural disorders.

The pain can be dull or sharp, localized in different parts of the spine, and radiating to the shoul-



ders, neck, chest, or limbs.

Most commonly, back pain occurs in the case of inflammation of soft tissues. Acute pain occurs in the case of spinal and joint injuries, herniated discs, or sciatica.

**Main session:** 4 x 15 minutes using metal electrodes and induction mat.

**Additional session:** 2 x 15 minutes Loop/Inductive mat or gel electrodes applied topically to the pain area

If it is necessary, repeat the sessions several times a day until relief is obtained.

### 373. Spastic back pain

Serious spasmodic back pain usually occurs with prolonged mechanical load, including static load, for example prolonged sitting in a certain position; with differences in temperature and humidity; with uneven posture.

In the case of inflammation of the nerve roots, spasmodic lower back pain may occur. It should be remembered that sciatica is only a syndrome that develops against the background of other spinal diseases.

**Main session:** 4 x 15 minutes on metal electrodes and induction mat.

**Additional session:** 2 x 15 minutes Loop/Inductive mat or gel electrodes applied topically to the pain area.

If it is necessary, repeat the sessions several times a day until relief is obtained.

### 374. Joint pain

Joint pain occurs in many diseases, mainly in joint inflammation, degenerative joint disease, injuries, tendonitis, and bursitis. If joint pain persists or is frequent, it should be diagnosed as early as possible, as the initial stages of degenerative joint disease and joint inflammation over time lead to joint destruction and deformation.

**Main session:** 4 x 15 minutes using metal electrodes.

**Additional session:** 2 x 15 minutes Loop/Inductive mat or gel electrodes applied topically to the pain area.

If it is necessary, repeat the sessions several times a day until relief is obtained.

### 375. Hip pain

The factors contributing to pain in the hip joint are: joint inflammation; hip joint dysplasia; pressure on the nerve in the lumbar or lumbosacral region; injury; degenerative-dystrophic processes associated with aging; overweight; excessive strain caused by sports, heavy physical work;

decreased physical activity - hypodynamia; prolonged muscle spasm.

**Main session:** 4 x 15 minutes using metal electrodes.

**Additional session:** 2 x 15 minutes Loop/Inductive mat or gel electrodes applied topically to the pain area.

If it is necessary, repeat the sessions several times a day until relief is obtained.

### 376. Neck pain

Neck pain is susceptible to chronic exacerbations and can cause temporary disability. The most common causes of neck pain are muscle tension, cervical osteochondrosis, degenerative joint disease, nerve compression in a herniated intervertebral disc, rheumatoid arthritis, and others.

**Main session:** 2 x 15 minutes using metal electrodes.

**Additional session:** 2 x 15 minutes Loop/Inductive mat or gel electrodes applied topically to the pain area.

If it is necessary, repeat the sessions several times a day until relief is obtained.

### 377. Ear pain

The most common cause of ear pain is the development of an inflammatory process - otitis. The development of otitis is usually caused by a viral, bacterial or fungal infection, and can be a complication of a nasal or throat disease, a respiratory system disease or an injury. Ear pain is often also caused by toothache, neuralgic diseases, inflammation of the nerve, neck pain, purulent processes in the jaw, tonsils and throat, or a sudden drop in atmospheric pressure.

**Main session:** 4x 15 minutes using metal electrodes.

### 378. Tooth pain

In most cases, tooth pain is the result of advanced oral cavity disease (tooth decay, pulpitis, periodontal disease). Very rarely, tooth pain may accompany other disorders in the body, such as sinusitis or gastrointestinal disease. The program has proven effective in teething.

**Main session:** 4x 15 minutes using metal electrodes.

### 379. Pain - general program

The basic program used in the case of chronic pain that persists after the wound has healed or the illness has passed for a long time; in non-specific general pain without precise localization.

**Main session:** 2 x 15 minutes using metal electrodes or an induction mat.

### 380. Acute pain

Acute pain is a pain that has recently appeared and has limited duration, time of occurrence, and location of pain associated with a disease or injury. Surgical acute pain should be excluded!

**Main session:** 2 x 15 minutes using metal electrodes or an induction mat.

### 381. Acute pain with neuralgia

Shooting pain syndrome, which arises as a result of damage or inflammation of nerve trunks. The pathology can be located anywhere. The intensity of the pain ranges from mild to unbearable. In order to enhance the effect of the therapy, it is recommended to combine the program with specialized programs (e.g. Nerve pain (Neuralgia) - general program 199, among others).

**Main session:** 4 x 15 minutes using metal electrodes or induction mat.

**Additional session:** 2 x 15 minutes Induction mat or gel electrodes applied topically to the pain area.

If it is necessary, repeat sessions several times a day until relief is obtained.

### 382. Trauma pain

The program is used to alleviate the condition after a contusion.

**Main session:** 4 x 15 minutes using metal electrodes or induction mat.

### 383. Psychosomatic pain

The program is used to alleviate psychosomatic pain, which is the body's reaction to stress, with the nervous system being the most burdened. It is recommended to use it in conjunction with the Nervous System Tension I 185 and Nervous System Tension II (with Life Commander) programs for added effectiveness.

### 384. Phantom pain

Phantom pain is a phenomenon described as a person's sensations related to a limb or organ that is not physically connected to the body. The loss of a limb is a result of amputation or congenital absence. Phantom pains have varying durations and a range of symptoms, including a sensation

of tightness, burning, tingling, pulling. They typically first appear within a few days after amputation, and most resolve within six months, but in some cases they become chronic.

**Main session:** 4x 15 minutes Inductor I or Inductor II (recommended).

**Additional session:** Gel electrodes 2 x 15 minutes (zone no 3, zone no 5 or zone no 8).

### 385. Cervical migraine ( Cervicogenic Headache)

Spinal headache has a neuralgic character. It occurs as a result of problems with the spine and may be accompanied by numbness in the limbs, back pain, neck pain, and stiffness.

**Main session:** 2 x 15 minutes using metal electrodes or induction mat.

**Additional session:** Gel electrodes 2 x 15 minutes (zone no 5 or zone no 1).

### 386. Headache - tension

Primary headache associated with physical or nervous strain. The following factors may trigger an attack: nervous stress; prolonged sitting in front of a computer; physical overload; sleep disorders. The pain is bilateral, located in the frontal-occipital or occipital-cervical area, rarely covering the entire surface of the brain part of the skull. The headache is depressing, painful or bloating. Unpleasant sensations gradually appear and gradually subside. The duration of an episode of tension-type headache is several hours to several days.

**Main session:** 2 x 15 minutes using metal electrodes or induction mat.

**Additional session:** Gel electrodes 2 x 15 minutes (zone Nr2 or Nr3).

### 387. Headache of unknown origin

Universal program used for various types of headaches of unknown etiology.

**Main session:** 4 x 15 minutes using metal electrodes or induction mat.

### 388. Headache - general program

Headache is a common symptom of various diseases and pathological conditions. It can occur periodically in completely healthy individuals. Sources of headache can include: sleep disorders; infectious diseases; blood pressure spikes; chronic stress; hormonal disorders; heat stroke; hypothermia; sensitivity to changes in weather conditions; excessive physical activity; the effects of smoking, alcohol abuse, etc.

This program is universal, most commonly used for mixed types of headaches.

**Main session:** 4 x 15 minutes using metal electrodes or induction mat.  
**Additional session:** Gel electrodes 2 x 15 minutes (zone no 2).

### 389. Migraine headache

This program alleviates pain and reduces the frequency of migraine attacks. Migraine headache is typically a pulsating pain that ranges from moderate to severe and can be unilateral or bilateral. The pain often worsens with physical activity, exposure to light, sound, or smells, and is accompanied by nausea, vomiting, facial flushing, and sweating. If the pain lasts for more than 72 hours, the condition is diagnosed as a migraine.

**Main session:** 4 x 15 minutes using metal electrodes or induction mat.  
**Additional session:** Gel electrodes 2 x 15 minutes (zone no 3).

### 390. Lumbago (Sore back)

Lumbago (Sore back) is the name of a separate form of osteochondrosis, located in the lumbar-sacral spine area, which is accompanied by an acute attack of back pain. The attack begins at the moment of lifting heavy objects or discomfort during movement. The onset of pain can also be triggered by stress, hypothermia. In rare cases, Lumbago (Sore back) can occur without any external causes.

**Main session:** 4 x 15 minutes using metal electrodes or induction mat.  
**Additional session:** Gel electrodes 2 x 15 minutes (zone No 8 or No 5).

### 391. Biliary spasm and pain

This program is used in chronic inflammation of the gallbladder, and dyskinesia of the bile ducts. Acute postoperative pain should be excluded! Spasm in the bile duct manifests as dull or colicky pain in the right hypochondrium, radiating to the back and under the right scapula, intensified by tilting the torso, accompanied by nausea, bitter taste in the mouth, bloating, and constipation.

**Main session:** 2 x 15 minutes using metal electrodes or induction mat.  
**Additional session:** Gel electrodes 2 x 15 minutes (zone no 9).

### 392. Spasms and seasickness

This program is used for spasms accompanied by nausea and vomiting.

**Main session:** 2 x 15 minutes using metal electrodes or gel electrodes (zone no 2).

### **393. Cramps (spasm) – general program**

Universal program used for spasms and muscle cramps. A muscle spasm is an involuntary contraction of a muscle or group of muscles, usually accompanied by acute pain. Skeletal muscle cramps hinder movement, while smooth muscle cramps disrupt various organ functions, such as in the walls of blood vessels, bronchi, esophagus, and intestines.

**Main session:** 2 x 15 minutes using metal electrodes or induction mat.

**Additional session:** gel electrodes 2 x 15 minutes.

# INTOXICATION / POISONING

Symptomatic prevention and therapy programs for intoxication caused by harmful substances. There are two types of intoxication: exogenous and endogenous. In exogenous intoxication, toxins enter the body from the environment, while endogenous toxins are produced in the body as a result of internal organ diseases.

The programs in this section can be used both independently and in combination with the main therapy. It is recommended to use these programs in anti-parasitic therapy, to end the main session.

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot)	3. Built-in inductor
2. Gel electrodes (self-adhesive applied locally to the liver area (area No.9, liver and spleen (area No.10). Projections of the liver and spleen have a pronounced immunomodulating effecty.	4. Induction mat

## Universal session for section programs:

1 x 15 minutes or 2 x 15 minutes selectively for main contact electrodes or internal induction coil, induction mat or gel (zone) electrodes.

Duration from 3 to 10 days depending on the severity of intoxication.

## 394. Bowel detoxification

The program is used in cases of intestinal poisoning and dehydration. It helps with food poisoning, infections of the gastrointestinal tract, after antiparasitic therapy, in the treatment of obesity, and more.

## 395. Blood detoxification

Program for removing toxic substances from the blood. Indications for use: acute viral infections, including coronavirus infection; acute bacterial infections; sexually transmitted diseases; hepatitis of various etiologies; chronic pyelonephritis; rheumatism; gout; psoriasis; neurodermatitis; post-traumatic conditions, alcohol and drug poisoning, long-term antibacterial therapy.

In COVID-19 sessions, the time is increased to 4 x 15 minutes.

## 396. Lung detoxification

Program for preventing complications of SARS; Covid19; chronic obstructive bronchitis; pneu-

monia of various etiology; bronchial asthma; tuberculosis; tobacco addiction; occupational diseases. The program helps to improve the process of breathing and gas exchange. Especially recommended for patients with chronic respiratory diseases. In the COVID-19 session, the time is extended to 4 x 15 minutes.

### **397. Detoxification - general program**

A universal program for preventing and treating intoxication. It is used in chronic diseases with impaired mechanisms for rapid body cleansing. It is also used as an additional program in the comprehensive treatment of food poisoning, various infectious diseases, headaches, muscle and joint pain of various intensities, and more. Recommended as the final program during antiparasitic therapy.

### **398. Liver detoxification**

Liver poisoning is the result of a disturbance in its basic functions, namely the retention of toxins and toxic substances. The program aims to accelerate detoxification and removal of toxic substances from the body.

The program is a part of comprehensive therapy for many disorders and is recommended for prophylactic use in cases of nausea, irregular bowel movements, pain in the right upper abdomen, constant hunger or lack of appetite, and chronic fatigue.

### **399. Kidney detoxification**

The program reduces the toxic effects on the kidneys in infectious diseases of the urinary tract, alcohol poisoning, and prolonged medication therapy. The program is recommended for use in edema, hypertension, gout, metabolic disorders, and after anti-parasitic therapy.

### **400. Alcohol Detox**

The main rehabilitation program aimed at rebuilding the body after long-term alcohol consumption or excessive one-time consumption. The program normalizes well-being and eliminates symptoms caused by hangover: nausea, drowsiness, headaches, poor condition, and dizziness. For hangover syndrome, the session time is increased to 4 x 15 minutes.

### **401. Detoxification of bacterial infections**

Universal program for prevention and treatment of intoxications caused by bacterial infections. Used preventively during sessions of the INFECTIOUS AGENTS: BACTERIA / PROTOZOA / MITE program section. Reduces the toxic effects on the liver, kidneys, and spleen. Reduces the risk of exacerbations during therapy.



## 402. Detoxification of viral infections

Universal program for prevention and treatment of intoxications caused by viral infections. Used preventively during sessions of the INFECTIOUS AGENTS: VIRUSES section.

## 403. Detoxification of fungal infections

Universal program for prevention and removal of intoxication caused by fungal infections. Remember to use it when using programs from the INFECTIOUS AGENTS: FUNGI / MOLD section.

## 404. Detoxification in drug addiction

A rehabilitation program supporting the body in drug addiction.

**Main session:** 4 x 15 minutes using metal electrodes or an induction mat.

**Additional session:** 2 x 15 minutes using gel electrodes (zone no 2)

## 405. Detoxification in obesity

Auxiliary program in comprehensive weight loss therapy.

## 406. Detoxification in a parasitic infections

The universal program for the prevention and removal of intoxications caused by parasitic infections. Used preventively during sessions of the INFECTIOUS AGENTS: NEMATODES / CESTODA / TREMATODA section. Reduces the toxic effects on the body's systems. Reduces the risk of exacerbations during therapy.

## 407. Detoxification for cigarette smokers

Nicotine poisoning occurs 1-2 minutes after starting smoking. The person feels anxiety, followed by relaxation. There is an increase in heart rate and a transient increase in blood pressure, sometimes accompanied by nausea and a deterioration of appetite. Using nicotine for a long time can lead to heart and lung diseases, clogged arteries, hypertension, bronchitis, lung and oral cancer.

The program is recommended for daily use by people addicted to tobacco, at least once a day. People who have quit smoking are advised to use the program every time they smoke a cigarette.

## 408. Lymphatic drainage 1

The main program for improving lymphatic circulation.

Lymph is a product of the vital activity of organs. Its formation occurs in the intercellular spaces

by the outflow of part of the liquid component of the blood through the walls of capillaries within a given tissue. About 2 liters of lymph are produced per day. Lymph moves through the contraction of muscles. With a sedentary lifestyle, lymphatic flow deteriorates, which negatively affects a person's health and well-being.

### **409. Lymphatic drainage 2**

Auxiliary program used to facilitate the detoxification process of the body.

### **410. Intoxication by removing toxins**

In the process of detoxification, the greatest burden falls on the liver and kidneys. The program helps to maintain the proper functions of these organs, speeding up the excretion of toxins from the body and eliminating the effects of intoxication. The program has a diuretic and cholagogue effect.

# GENERAL SYMPTOMS

General symptomatic programs are prescribed for the entire period of treatment of the underlying disease or, if necessary, to alleviate, remove, or eliminate the symptoms of the disease.

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot)	3. Built-in inductor or induction loop
2. Gel electrodes	4. Induction mat

## 411. Deterioration of appetite

The program aims to suppress appetite and is a part of a comprehensive treatment for overweight individuals. It is used in cases of high acidity gastritis.

**Main session:** 1 x 15 minutes.

## 412. Improving the appetite

The program aims to increase appetite. It is used in cases of low stomach acid gastritis.

**Main session:** 1 x 15 minutes.

## 413. Age-related changes - general program

Physiological changes in the human body caused by aging affect the overall health of a person. The program is preventive in nature and aims to accelerate the process of regenerating the body. Daily use is allowed.

**Main session:** 2 x 15 minutes.

## 414. Hyperthermia

Hyperthermia - the most common symptom of various diseases, is a protective and compensatory reaction of the body. The normal body temperature of a human being is about 36.6°C. Hyperthermia is most often observed in acute viral infections of the respiratory tract, inflammatory diseases of the ENT organs and respiratory tract. Less commonly, it occurs in gastrointestinal infections, soft tissue abscesses, and inflammatory diseases of the abdominal cavity. High temperatures can cause weakness, drowsiness, and sometimes excitement. Characteristic symptoms also include rapid breathing, tachycardia, and sweating.

The program allows to lower the body temperature by 0.5-1°C. If the temperature rises to 39°C during the day, it is necessary to take an antipyretic and consult a doctor.

**Main session:** 4 x 15 minutes using metal electrodes.

**Additional session:** 2 x 15 minutes gel electrodes (zone no 1 or no 2)

## 415. Hyperthermia after sunstroke

The preventive program is used when a person has been exposed to the sun for a long time or when prolonged overheating of the body occurs due to increased physical activity. This can happen during hikes, in rural areas, while wearing tight clothing in the heat, during work in high-temperature rooms, in conditions of high humidity and insufficient ventilation.

**Main session:** 2 x 15 minutes on metal electrodes.

The program is used with programs *Burn - general program (432)* i *Sunburn (433)*.

## 416. Hypoxia

Hypoxia is a common symptom of many diseases. It is a state in which there is a lack of oxygen both in parts of the body and in the whole body. Oxygen deficiency in a critical state can be life-threatening. If you feel short of breath, seek medical attention immediately.

The program is an auxiliary in the treatment of anemia, chronic respiratory diseases, COVID-19. Preventively, it can be used by people living in cities where air pollution exceeds the norm.

**Main session:** 2 x 15 minutes using metal electrodes or induction mat.

If necessary use an additional program *Dizziness (418)*.

## 417. Hypothermia

The program is recommended for mild hypothermia.

**Main session:** 2 x 15 minutes using metal electrodes or loop/ induction mat.

It is used simultaneously with the program *Frostbite (431)*.

## 418. Dizziness

Dizziness is a disturbance of body orientation in space; a feeling of movement of the body in space or of objects moving around the body, usually with loss of balance. Dizziness can occur in the case of autonomic vascular dystonia (neurocirculatory dystonia), migraines, cervical spine pathologies, the use of certain medications, etc.

The program is used as a supplement to comprehensive therapy of the underlying disease. It can

be used simultaneously with the Hypoxia program.

**Main session:** 1 x 15 minutes using metal electrodes or an induction loop/mat.

**Additional session:** 2 x 15 minutes gel electrodes (zone no 1 or no 2)

## 419. Diarrhea

The causes of diarrhea are quite diverse, the main ones are: food poisoning - one of the most common causes of diarrhea; bacterial infection (shigellosis, salmonellosis, etc.); viral infection (rotavirus, enterovirus, etc.).

**Main session:** 2 x 15 minutes using metal electrodes or an induction loop/mat.

During the day, 8-10 sessions are recommended to alleviate the condition.

## 420. Constipation

This translates to: „Auxiliary program in the treatment of basic bowel disease.”

**Main session:** 2 x 15 minutes using metal electrodes or an induction loop/mat.

**Additional session:** 2 x 15 minutes gel electrodes (zone no 11)

## 421. Itchy skin

Itchy skin is an unpleasant sensation that causes the need to scratch. It occurs in the superficial layers of the skin, mucous membranes, upper respiratory tract, and conjunctiva. Itchy skin can occur in liver and biliary tract diseases, kidney diseases, thyroid diseases, diabetes, hematological diseases, HIV, autoimmune diseases of the nervous system, skin diseases (psoriasis, eczema), parasitic diseases, vitamin and micronutrient deficiencies, and psychogenic allergies.

The program can be used daily, if necessary, to alleviate the condition as an adjunct to the primary disease therapy.

**Main session:** 4 x 15 minutes using metal electrodes.

**Additional session:** 2 x 15 minutes Loop / Induction mat or gel electrodes (zone no 2).

## 422. Hiccup

The cause of hiccups can be diseases of the abdominal cavity, neck, chest, central nervous system, metabolic disorders, and psychogenic causes (stress, anxiety).

The program should be used in case of hiccup symptoms to alleviate this condition.

**Main session:** 1 x 15 minutes using metal electrodes or an induction loop/mat.

## 423. Exhaustion of the body

Exhaustion or fatigue is a state that is one of the consequences of stress for the body. It occurs as a reaction to illness or a high load - emotional, mental, physical, as a consequence of fear, a strong stressful event. The program can be used daily.

**Main session:** 2 x 15 minutes using metal electrodes or an induction loop/mat.

## 424. Cough - general program

Coughing is a protective reflex that clears the airways of excess mucus or foreign bodies. Coughing is a symptom of many diseases. Therefore, it is desirable to use this program as part of the comprehensive treatment of the underlying disease.

**Main session:** 2 x 15 minutes using metal electrodes or an induction loop/mat.

**Additional session:** gel electrodes 2 x 15 minutes (zone no 3, zone no 4).

## 425. Cough - during colds

The program is used for respiratory system diseases (SARS, flu, etc.). It is allowed to use 2-3 sessions per day to alleviate the condition.

**Main session:** 2 x 15 minutes using metal electrodes or an induction loop/mat.

**Additional session:** gel electrodes 2 x 15 minutes (zone no 3, zone no 4).

## 426. Cough reflex

This program is used for a nervous condition characterized by a dry, paroxysmal cough during the day or at night. Daily use of the program is allowed.

**Main session:** 2 x 15 minutes using metal electrodes or an induction loop/mat.

## 427. Meteorism, abdominal distension

Bloating is a disorder accompanied by the formation of excess gas in the intestines and stomach. The symptoms of bloating usually arise due to many factors of a physiological and pathological nature. The main causes of bloating include: a rapid increase in the number of bacteria in the intestines; excessive gas formation in the area of the small intestine; disorders associated with the absorption mechanism; excessive air intake during eating; various intestinal pathologies (stenosis,

poor absorption, etc.); obstruction (dynamic and mechanical form); the development of dysbiosis.

**Main session:** 2 x 15 minutes using metal electrodes lor loop / induction mat.

**Additional session:** Gel electrodes 2 x 15 minutes (zone no 11).

## 428. Taste disturbance

Loss of the taste function of the tongue, i.e. the inability to detect sweet, sour, bitter, and salty tastes. The main causes of taste disorders are head injuries, upper respiratory tract infections, exposure to toxic substances, iatrogenic causes, and medication. Taste disturbances are one of the main symptoms of COVID-19.

The program can be used daily for 3-6 months.

**Main session:** 1 x 15 minutes using metal electrodes.

**Additional session:** 1 x 15 minutes using metal electrodes program *General regeneration - recovery (596)* (section PEMF);

1 x 15 minutes using metal electrodes program *Normalization of nervous system functions (184)* (section Nosology);

## 429. The olfactory disorder

Olfactory disorders can be temporary or permanent. Total loss of smell is usually present, but selective loss of certain substances is also common. Other olfactory disorders are also possible: reduced ability to detect odors - hyposmia; olfactory hypersensitivity - hyperosmia; olfactory hallucinations - phantosmia.

Anosmia can be congenital or acquired. Acquired anosmia may be associated with damage to the nervous system (due to viral diseases), some brain injuries, as well as impaired air permeability in rhinitis and other upper respiratory tract disorders. Impaired sense of smell is one of the main symptoms of COVID-19.

**Main session:** 1 x 15 minutes using metal electrodes.

**Additional session:** 1 x 15 minutes using metal electrodes *General regeneration - recovery (596)* (section PEMF);

1 x 15 minutes using metal electrodes *Normalization of nervous system functions (184)* (section Nosology).

## 430. Hearing impairment

Hearing impairment is a total or partial inability to hear. Hearing loss can occur in individuals for various reasons. Earwax is secreted in the external ear canal, which traps dust and bacteria.

If there is an excessive buildup, it can create a blockage that impairs hearing. Excessively loud sounds, particularly prolonged noise exposure, have a negative impact on hearing, leading to deafness or even total hearing loss. This program is for daily use.

**Main session:** 1 x 15 minutes using metal electrodes.

**Additional session:** 1 x 15 minutes on gel electrodes *General regeneration - recovery (596)* (section PEMF);

1 x 15 minutes using metal electrodes *Normalization of nervous system functions (184)* (section Nosology).

### 431. Frostbite

Frostbite is a specific skin condition caused by low temperatures, strong winds, and high humidity. The limbs and protruding parts of the body such as the ears, nose, and cheekbones are most commonly affected by such injuries. This program is symptomatic and used for mild frostbite.

**Main session:** 2 x 15 minutes using metal electrodes or loop / induction mat.

The first session is executed simultaneously with the program Hypothermia (417)

**Additional session:** 1 x 15 minutes using metal electrodes *Frostbite (431)* (section PEMF);

1 x 15 minutes using metal electrodes *Skin regeneration (608)* (section PEMF).

### 432. Burn - general program

Burns are tissue damage caused by high temperatures, aggressive chemical irritants, ionizing radiation or electric current. Signs of burns may appear immediately or gradually over several minutes.

This program is symptomatic. It is used for minor burns. It can be used for a long time to alleviate the condition.

**Main session:** 2 x 15 minutes using metal electrodes or loop / induction mat.

**Additional session:** 1 x 15 minutes using metal electrodes *Burns (601)* (section PEMF);

1 x 15 minutes using metal electrodes *Skin regeneration (608)* (section PEMF).

### 433. Sunburn

Sunburn is a skin burn that a person receives from exposure to ultraviolet radiation. Sunburns cause skin inflammation. Such burns have different degrees - from mild redness and slight swelling to the formation of many and large blisters. This program is used to alleviate the condition.



**Main session:** 3 x 15 minutes using metal electrodes.

**Additional session:** 1 x 15 minutes using metal electrodes *Skin regeneration (608)* (section PEMF).

### 434. Allergic swelling

Acute allergic reaction of the body, characterized by massive swelling of mucous membranes, skin and subcutaneous adipose tissue. It can occur at any age. Allergic edema is most often caused by drugs, food, hymenoptera venom (bees, wasps), physical factors (cold, heat, pressure, vibration, sunlight). The program can be used in combination with antihistamines.

**Main session:** 1 x 15 minutes using metal electrodes or loop / induction mat and gel electrodes (zone no 1)

**Additional session:** 1 x 15 minutes using metal electrodes, or loop / induction mat and gel electrodes (zone no 1) *Allergic problems - general program (2)* (section Nosology).

### 435. Inflammatory swelling

Inflammatory swelling is an important symptom of various pathological processes and conditions, which is significant in the diagnosis of general and local circulatory disorders, kidney diseases, and other pathologies of water regulation, which are accompanied by a disturbance of salt and water secretion.

**Main session:** 2 x 15 minutes using metal electrodes, loop / induction mat.

**Additional session:** 1 x 15 minutes gel electrodes (zone no 12 or 13)

1 x 15 minutes using metal electrodes or an induction loop/mat *Inflammatory process - general program (593)* (section PEMF).

### 436. Lymphedema

Lymphedema is swelling of the tissues, especially subcutaneous tissue, caused by a blockage of the lymphatic vessels due to congenital defects or acquired damage. Lymphatic stasis leads to a chronic inflammatory process of varying intensity with accompanying hypertrophy of the skin and subcutaneous tissue.

**Main session:** 2 x 15 minutes using metal electrodes.

**Additional session:** 1 x 15 minutes gel electrodes (zone no 12 or 13)

1 x 15 minutes using metal electrodes or induction loop/mat *Lymphatic drainage 1 (408)* (section Symptoms).

## 437. Edema - general program

Edema - general program - is an excessive accumulation of fluid in the body tissues and serous cavities, manifested by an increase in tissue volume or decreased serous capacity, changes in physical properties (turgor - the state of skin tension, elasticity), dysfunction of tissue and organ edema. The program is used in the treatment of the underlying disease, which is characterized by edema as a symptom (such as nephrotic syndrome, heart failure, among others).

**Main session:** 2 x 15 minutes using metal electrodes, or an induction loop/mat.

**Additional session:** 2 x 15 minutes gel electrodes (zone no 12 or 13)

## 438. General digestive disorders

This program is used for physiological digestive disorders. These can be caused by dysbiosis (e.g. after taking antibiotics or a poor diet), stress, and nervous tension, and can manifest as diarrhea, constipation, bloating, and more.

**Main session:** 2 x 15 minutes using metal electrodes, or an induction loop/matj.

If necessary powtarzaj sesję several times a day aż do uzyskania ulgi.

## 439. Vomiting

Vomiting is the sudden release of stomach contents through the mouth due to strong contractions of the abdominal and chest muscles. Nausea and vomiting occur in response to physiological or pathological stimuli.

**Main session:** 2 x 15 minutes using metal electrodes, or an induction loop/mat.

**Additional session:** 2 x 15 minutes gel electrodes (zone no 2);

2 x 15 minutes using metal electrodes, or an induction loop/mat *Cramps (spasm) - general program (393).*

If necessary repeat the session several times a day until relief is obtained.

If your symptoms do not improve, see your doctor to determine the exact cause of the condition.

## 440. Nausea

Nausea is an unpleasant, painless, subjective feeling of the need to vomit. Nausea and vomiting occur in response to physiological or pathological stimuli. Nausea is often accompanied by other autonomic symptoms - pale skin, increased sweating, salivation, hypotension, and bradycardia. Pregnant women should use the program with the utmost caution and only with the consent of a doctor.

**Main session:** 2 x 15 minutes using metal electrodes.  
**Additional session:** 2 x 15 minutes gel electrodes (zone no 2);

If necessary repeat the session several times a day until relief is obtained.

#### 441. Motion sickness - seasickness

Motion sickness is a set of unpleasant symptoms that occur during travel. It is caused by the inner ear's reaction to continuous monotonic oscillations. Dizziness can be caused by strong smells, overeating, eating fatty foods, and drinking alcohol.

**Main session:** 2 x 15 minutes using metal electrodes or an induction loop/mat.  
**Additional session:** 2 x 15 minutes gel electrodes (zone no 2);

If necessary repeat the session several times a day until relief is obtained.

#### 442. Insect bites - general program

The program is used to prevent an allergic reaction with swelling at the site of the bite.

**Main session:** 2 x 15 minutes using metal electrodes.  
**Additional session:** 2 x 15 minutes gel electrodes (zone no 1);  
2 x 15 minutes using metal electrodes *Itchy skin (421)* (section Symptoms).

If necessary repeat the session several times a day until relief is obtained.

#### 443. Fatigue - general program

Fatigue is considered a set of transient changes in the physiological and psychological state of a person, which arise as a result of heavy or prolonged work and lead to a deterioration of their quantitative and qualitative indicators, accidents. Fatigue can be general, local, psychological, visual, muscular, etc. Because the body is a whole, the boundary between these types of fatigue is conditional and indistinct.

This program is universal and can be used daily.

**Main session:** 1 x 15 minutes using metal electrodes lor loop / induction mat and gel electrodes (zone no 2).  
**Additional session:** 1 x 15 minutes na *Mood Improvement Program* (PEMF - section therapeutic).

## 444. Age-related fatigue

The program is designed for daily use by elderly individuals and those with severe chronic illnesses.

**Main session:** 1 x 15 minutes using metal electrodes or loop / induction mat and gel electrodes (zone no 2).

**Additional session:** 1 x 15 minutes *Mood Improvement Program (580)* (section PEMF);  
1 x 15 minutes *Age-related changes - general program (413)* (section PEMF).

## 445. Snore

Sleep apnea is a breathing disorder during sleep that is characterized by low-frequency sounds and vibrations. If a person has a narrowing (obstruction) in the throat, nose, or pharynx (in children it occurs due to the hypertrophy of the pharyngeal tonsil), a specific sound appears during inhalation, which is called snoring. Other causes may include a deviated septum (and other physiological characteristics), natural age-related changes in the body, chronic nasopharyngeal diseases, changes in the throat and larynx, polyps and tumors in the nasopharynx, bad habits, overweight, chronic fatigue and sleep disorders, heredity, a certain sleeping position, and it may also appear with a cold, etc.

**Main session:** 1 x 15 minutes using metal electrodes or induction loop/mat

**Additional session:** 2 x 15 minutes gel electrodes (zone no 2 or 14).

If necessary you can use the program every day before going to bed.

## 446. Tinnitus

Tinnitus is a pathological sensation of sound. It can be associated with difficulties in concentration and affect the quality of life of a person, sometimes affecting their mental well-being, which can lead to stress. If necessary, you can use the program daily.

**Main session:** 1 x 15 minutes using metal electrodes or an induction loop/mat.

**Additional session:** 2 x 15 minutes gel electrodes (zone no 3).

# X. INFECTIOUS AGENTS

Infectious agent or pathogen is a biological factor that causes a disease in another organism. Various factors (prions, viruses, bacteria, fungi, protozoa, parasites) can be responsible for pathological processes in the body, with different sizes, antigenic structure, ability to produce

disease-causing factors, and habitats. They enter the body mainly through various injuries or by attaching to the epithelial cells of the skin, mucous membranes of the gastrointestinal, respiratory, urinary, and reproductive systems. Many pathogens are able to secrete toxins that destroy the epithelial layer, thereby creating conditions for penetration into the internal environment. The programs in this section inhibit the multiplication of pathogens of different types, prevent the faster elimination of pathogens and their toxins, thereby reducing the burden on the immune system. Before using programs from this section, it is recommended to undergo diagnostic testing to determine the causative agent of the disease.

# Bacteria / PROTOZOA / MITE

Programs in this section are part of a comprehensive therapy for diseases caused by bacteria, parasites, and ticks.

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot)	3. Induction loop
2. Gel electrodes	4. Induction mat

## 447. Antiparasitic - general program

A general program of intensive action, used in case the pathogen is unidentified. The program is usually prescribed no more than once a day.

**Main session:** 1 x 15 minutes using metal electrodes for 3-5 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms).

## 448. Bacteria - general program

Antibacterial general program used in diseases caused by bacteria. The program is combined with symptom-based and disease-based programs.

**Main session:** 1 x 15 minutes, for 7-10 days.

**Additional session:** 1 x 15 minutes *Detoxification of bacterial infections (401)* (section Symptoms).

## 449. Dust mites - general program

The program is common for representatives of skin mites. Typically, the program is combined with symptomatic and nozological programs.

**Main session:** 1 x 15 minutes, every day for 10-15 days

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms);  
1 x 15 minutes *Itchy skin (421)* (section Symptoms).

### Complementary programs:

- Renewal of skin cells (78)
- Skin or mucous membrane infections - general program (124)
- Inflammatory process - general program (593)

Repeat the Session Cycle: in 7-10 days.

## 450. Protozoa - general program

General intervention program. This program is combined with symptom-specific and disease-specific programs.

**Main session:** 1 x 15 minutes, every day for 10 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms); 1 x 15 minutes *Intoxication by removing toxins (410)* (section Symptoms).

Repeat the Session Cycle: in 7-10 days.

## 451. Amoebiasis of dysentery

The causative agent of amoebic dysentery. It only parasitizes humans. The transmission mechanism is fecal-oral. Cysts enter the body of a healthy person through contaminated food, water, or dirty hands. Flies and cockroaches can be mechanical vectors. The disease is characterized by frequent watery stools with blood and mucus, abdominal pain, fever, and dehydration.

Patients with amoebic dysentery must be hospitalized.

Personal prevention: adherence to personal hygiene, boiling water, washing vegetables and fruits, protecting food from flies and cockroaches.

**Main session:** on the induction loop 2 x 15 minutes, every day, 2 times a day for 7 days; later 1 x 15 minutes, every day for 10 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms); 1 x 15 minutes *Gastrointestinal infections - general program (123)* (section Nosology)

### Complementary programs:

- Intoxication by removing toxins (410)
- Restoration of water-salt metabolism (594)
- Nausea (440)
- Diarrhea (419)
- Colon bacillus (460)
- Vomiting (439)

## 452. Bartonella

Bartonella is the cause of cat scratch disease. The bacterium enters the human body through the skin scratched by animals, less commonly through mucous membranes, conjunctiva, respiratory tract, and gastrointestinal tract. After a few days, a dense lump appears at the site of injury, and in some cases, an ulcer covered with a scab. From the lymphogenic site of injury, the bacterium

enters regional lymph nodes. Here, active reproduction of the pathogen occurs with the release of toxins. As a result, inflammation of the glands - lymphadenitis - develops. Lymph nodes under the arms, neck are more often affected, less commonly - groin, thighs, and under the chin.

**Main session:** 1 x 15 minutes, 3 times a day for 5 days, then 2 times a day for 7 days; later 1 once a day for 10 days.

**Additional session:** 1 x 15 minutes *Inflammation of the lymph nodes (9)* (section Nosology);  
1 x 15 minutes *Detoxification of bacterial infections (401)* (section Symptoms);  
1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms).

**Location of gel electrodes for the main and additional sessions:** no 2, 4.

**Complementary programs:**

- Lymphedema (436)
- Erythema (85)
- Intoxication by removing toxins (410)

**Repeat the Session Cycle:** if necessary za 5-10 days.

### 453. *Blastocystis hominis*

*Blastocystis* spp. parasites (formerly known as *Blastocystis hominis*) are found worldwide. They are located in the colon and rectum of children and adults. They can be characterized by the potential for asymptomatic carriage of pathogenic strains. Infection should be treated if it is accompanied by gastrointestinal symptoms (such as diarrhea, nausea, loss of appetite, abdominal pain, bloating), or possibly hives or weakness. Domestic animals are a potential source of *Blastocystis* spp. infection in humans.

**Main session:** 1 x 15 minutes, every day for 7-10 days.

**Additional session:** 1 x 15 minutes *Normalization of bowel function (14)* (section Nosology);  
1 x 15 minutes *Normalization of liver function (15)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:**No 11, 9.

**Complementary programs:**

- Diarrhea (419)
- Irritable bowel syndrome (38)
- Chronic hepatitis (21)
- Enteritis (24)

### 454. *Bordetella* (*Bordetella pertussis*, *Bordetella bronchiseptica*)

A comprehensive program aimed at pathogenic species of bacteria from the *Bordetella* genus. *B. pertussis* is an aerobic Gram-negative bacterium that causes acute respiratory tract infec-



tion - whooping cough (pertussis). *B. parapertussis* also causes whooping cough (pertussis), but a milder respiratory disease - whooping cough (pertussis). Infection caused by *B. parapertussis* is also associated with non-specific cough and bronchitis.

**Main session:** 1 x 15 minutes, 3 times a day for 7 days, then 2 times a day for 10 days; later 1 once a day for 10 days.

**Preventive session:** in contact with a patient with whooping cough 1 x 15 minutes every day for 6-20 days.

**Additional session:** 1 x 15 minutes *Whooping cough (Pertussis) (139)* (section Nosology); 1 x 15 minutes *Improvement of breathing function (305)* (section Nosology);

**Location of gel electrodes for the main and additional sessions:** no 4, 6.

**Complementary programs:**

- Detoxification of bacterial infections (401)
- Cough - general program (424)
- General regeneration - recovery (596)

## 455. *Borrelia* (*Borrelia burgdorferi*)

*Borrelia* is a spirochete, and its active carriers are widely distributed Ixodes mites. Infection occurs when bitten by a tick that carries the bacterium. Infection requires the tick to remain on the body for about 24-72 hours, so quick and careful removal of the tick can prevent infection. However, the disease is common because about one-third of ticks active in spring and summer are carriers of the infection.

**Main session:** 1 x 15 minutes, 4 times a day for 2 days, then 1 once a day for 14 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms); 1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms); 1 x 15 minutes *Erythema (85)* (section Nosology).

**Complementary programs:**

- Lyme disease (152)
- Itchy skin (421)
- Skin or mucous membrane infections - general program (124)
- Insect bites - general program (442)

## 456. *Gardnerella vaginalis*

*Gardnerella* is a biological species of anaerobic bacteria that is the cause of bacterial vaginosis, a disease of the female reproductive system. In small amounts, *Gardnerella* is constantly present in a woman's body (vagina and urethra), but with active reproduction, it quickly destroys normal

microflora. The causes of the development of bacterial vaginosis may include: unjustified use of antibiotics, frequent use of antiseptics containing chlorine, use of contraceptives, hormonal dysfunction, unprotected sexual activity, reduced immunity, and others. Simultaneous treatment of both sexual partners is recommended.

**Main session:** 1 x 15 minutes, every day for 14 days.

**Additional session:** 1 x 15 minutes *Detoxification of bacterial infections (401)* (section Symptoms); 1 x 15 minutes *Regulation of the female reproductive system (67) / Regulation of the male reproductive system (323)* (section Nosology).

**Complementary programs:**

- Vaginal inflammation (vaginitis) (56)
- Urinary tract infections (330)
- Fungal infections - general program (122)

**Repeating the course of the session:** in 10 days.

### 457. Gonorrhea split (Neisseria gonorrhoeae)

The causative agent of acute inflammation of the mucous membranes of the urogenital tract is gonorrhea. Gonococcus is a gram-negative microorganism that lives in leukocytes or on the surface of the epithelium. The main mode of transmission is sexual contact. Additionally, it can be transmitted from mother to child, but rarely in everyday life. Gonococcus can cause gonococcal tonsillitis, pharyngitis, and oral inflammation - in the case of the mouth and genital organs, and gonococcal proctitis - in the case of anal intercourse and genital organs.

Gonorrhea is dangerous because there is no immune response to the pathogen in the human body. Therefore, multiple infections and complications are not excluded.

**Main session:** 2 x 15 minutes, every day for 7 days; then 1 x 15 minutes a day for 7 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms); 1 x 15 minutes *Detoxification of bacterial infections (401)* (section Symptoms); 1 x 15 minutes *Venereal infections - general program (121)* (section Nosology).

**Complementary programs:**

- Regulation of the female reproductive system (67)
- Regulation of the male reproductive system" (323)
- Itchy skin (421)
- Vaginal inflammation (vaginitis) (56)
- Urinary tract infections (330)
- Inflammatory process - general program (593)

## 458. Demodex (Demodex folliculorum, Demodex brevis)

Demodex mites cause damage to human skin - Demodex mange. The main habitat of these mites is the face: on the skin of the nose, forehead, chin, nasolabial folds, cheeks and eyelashes. The mites can remain active for a long time outside the body. By parasitizing hair follicles, sebaceous glands and eyelid cartilage, they can cause pink eye, eyelid, cornea, and some skin diseases such as skin scaling, discoloration, greasiness, itching and skin thickening, acne and pimples.

**Main session:** 1 x 15 minutes, every day for 10 days.

**Additional session:** 1 x 15 minutes *Infections of the skin or mucous membranes - general program (124)* (section Nosology);

1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);

1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);

### Complementary programs:

- Renewal of skin cells (78)
- Itchy skin (421)

## 459. Yersinia

general program for all types of Yersinia. Used in combination with other treatments.

*Y. enterocolitica* is the cause of enteric yersiniosis. It has a fecal-oral transmission mechanism. A person becomes infected by consuming food contaminated with *Y. enterocolitica* (dairy products, meat, eggs, vegetables, and fruits). Sometimes, the infected person can become a source of infection and, under certain conditions, transmission through the household route is possible. Enteric yersiniosis manifests with various clinical symptoms: afterisoning, damage to the digestive tract, joints, and rash.

*Y. pseudotuberculosis* is the cause of pseudotuberculosis. It has a fecal-oral transmission mechanism. Infection often occurs after eating fresh cabbage, carrots, green onions, which have long been stored in vegetable stores. Greenhouses, cucumbers, tomatoes, and green onions play a certain role in the spread of pseudotuberculosis. People are not a source of infection. The clinical course is characterized by poisoning, rash, changes in the digestive tract, joints, and relapses. *Y. pseudotuberculosis* promotes the formation of autoantibodies to certain organs (thyroid, synovial membranes of the joints, red blood cells, liver, kidneys, spleen, lymph nodes, colon, appendix, mammary gland, etc.).

*Y. pestis* - the causative agent of plague. *Y. pestis* is known as one of the most invasive bacteria. Human adaptive mechanisms are practically not adapted to resist its penetration and development in the body. Infection is possible through slaughter, treatment of the carcass of a sick animal, which can lead to damage to human skin, contributing to the causative agent of the plague with the blood of a sick animal, or eating undercooked meat can lead to human plague.

In addition, infection is possible from infected animals during direct contact. Cats suffer from plague from domestic animals. Humans can also be a source of infection. Particularly dangerous to the environment is a person suffering from pulmonary plague, due to the pathogen being transmitted by airborne droplets. In other clinical forms of plague in humans, patient infectivity is much lower.

**Main session:** 1 x 15 minutes, every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Detoxification of bacterial infections (401)* (section Symptoms);

1 x 15 minutes *Intoxication by removing toxins (410)* (section Symptoms);

1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology);

**Complementary programs:**

- Nausea (440)
- Diarrhea (419)
- Lymphatic drainage 1 (408)
- Gastrointestinal infections - general program (123)

## 460. *Colon bacillus* (*Escherichia coli*)

*Escherichia coli* is a bacterium that is part of the normal human gut flora. Some *Escherichia coli* are capable of synthesizing B-group vitamins and vitamin K. Most strains are harmless, but some *E. coli* bacteria produce a toxic substance called Shiga toxin, which causes diarrhea. Exceeding the permissible concentration of *E. coli* cells is a serious danger. Bacteria can migrate to lymph nodes and blood, accompanied by infection of parenchymal organs (liver, spleen, brain, kidneys, lungs) and the development of numerous infections. Small children and elderly people are more susceptible to severe disease. If there is strong diarrhea, acute abdominal pain, or blood in the stool after bacteria enter the body, it is necessary to see a doctor.

**Main session:** 1 x 15 minutes, every day for 7 days.

**Additional session:** 1 x 15 minutes *Detoxification of bacterial infections (401)* (section Symptoms);

1 x 15 minutes *Normalization of bowel function (14)* (section Nosology);

**Complementary programs:**

- Nausea (440)
- Diarrhea (419)
- Gastrointestinal infections - general program (123)

## 461. *Klebsiella*

*Klebsiella pneumoniae*, *Klebsiella oxytoca*, *Klebsiella pneumoniae*, *Klebsiella pneumoniae* general program for all *Klebsiella* species. Used in combination with other treatments.

The most important in human pathology are *K.pneumoniae* and *K.oxytoca* species. It is an opportunistic bacterium that occurs on human mucous membranes and belongs to the normal intestinal flora. The *Klebsiella* population inhabiting different sections of the gastrointestinal tract is small, but it can increase under the influence of antibiotics. Infections caused by such bacteria usually develop in hospitals and long-term care facilities. They typically occur in people with impaired immunity to infections or with any medical device (catheter, drainage) in the body. Bacteria can infect the urinary or respiratory tract, causing pneumonia, urinary tract infections, or kidney infections.

**Main session:** 1 x 15 minutes, every day for 7-14 days.

**Additional session:** 1 x 15 minutes *Detoxification of bacterial infections (401)* (section Symptoms);  
1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology);

#### **Complementary programs:**

- Urinary tract infections (330)
- Inflammatory process - general program (593)
- Bacterial pneumonia (301)

## **462. Clostridium**

general program for all types of *Clostridia*.

*Cl. botulinum* - a bacterium that produces botulinum toxin and is the cause of botulism. Botulism is an acute toxic-infectious disease characterized primarily by myoplegia and ophthalmoplegia, intestinal paresis, and autonomic disturbances. The main pathogenic factor of *Cl. botulinum* is the exotoxin. It is the most potent toxin known to man: it is 10 million times stronger than potassium cyanide, more than 375,000 times stronger than rattlesnake neurotoxin.\

The pathogen can enter the intestines of humans, warm-blooded animals, birds, and fish along with food and water. The disease usually develops when a person consumes food in which toxins have accumulated. This is most often dried or lightly salted fish, sausage, ham, meat, fish, vegetables, and canned mushrooms. Fish stored and transported in bulk, without packaging, are 7 times more susceptible to infection and often already contain toxins in their bodies.

The accumulation of toxins in food does not change their organoleptic properties. However, some type A and B strains can change the taste of the product. In addition to botulism, which affects all people, there are special variants of its course - infant botulism and wound botulism. *Cl. difficile* is a bacterium that causes colonic infection, leading to diarrhea and colitis.

*Cl. tetani* - the causative agent of tetanus. Tetanus is an acute infectious disease characterized by damage to the nervous system and manifested by periodic generalized clonic seizures against

the background of constant tonic muscle tension. The mechanism of human infection is contact, wound. The disease most often develops at the moment of the pathogen's entry into a contaminated wound, with injuries accompanied by skin damage, without contact with the substrate (pricks, scratches, bites of wild and domestic animals, domestic injuries), contaminated burns, frostbites, electric shock, criminal injuries, delivery under aseptic conditions, operations on the large intestine. Tetanus prevention involves both planned and emergency prophylaxis (in case of injuries). Planned vaccination is carried out throughout life according to the vaccination schedule.

The program is used for prophylaxis or during the recovery period. In case of acute symptoms of infection, it is necessary to consult a doctor.

**Main session:** 1 x 15 minutes, 3 times a day for 5 days, then 2 times a day for 10 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms); 1 x 15 minutes *Intoxication by removing toxins (410)* (section Symptoms);

**Location of gel electrodes for the main and additional sessions:** no 2.

#### Complementary programs:

- Normalisation of Lymphatic System Flows (155)
- Normalization of gastrointestinal function (12)
- Inflammatory process - general program (593)
- Purification of the blood (602)
- Lymph cleansing (603)
- Diarrhea (419)
- Colpitis - general scheme (30)

**Repeating the course of the session:** in 10-14 days.

### 463. *Corynebacterium*

General prevention program for representatives of the *Corynebacterium* genus.

Non-pathogenic corynebacteria are usually present in the human large intestine. *Corynebacteria* other than *C. diphtheriae*, such as *S. ulcerans* and *S. pseudotuberculosis*, can cause diseases similar to diphtheria, moderate throat inflammation, ear infections, inflammation of the lymph nodes, and skin ulcers.

If you have symptoms of *C. diphtheriae* infection, the causative agent of diphtheria, you should immediately consult a doctor. Diphtheria is an acute infectious disease characterized by damage to the oral cavity, throat, and respiratory tract, with the development of inflammation at the site of pathogen penetration, as well as toxic damage to the cardiovascular, nervous, and renal systems. The causative agent *S. diphtheriae* is capable of synthesizing the main pathogenic fac-

tor - the exotoxin, which is second in strength only to botulinum and tetanus toxins. The source of diphtheria infection is only a person (disease or carrier). The main transmission mechanism is airborne, but it can also involve contact (e.g. in cutaneous diphtheria). Diphtheria prevention includes vaccination and revaccination of the population, as well as rapid detection, isolation of patients, and examination of contacts.

**Main session:** 1 x 15 minutes, 2 times a day for 5-7 days, then 1 x 15 minutes, 1 once a day, every day for 10 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms);  
1 x 15 minutes *Intoxication by removing toxins (410)* (section Symptoms);  
1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);

**Location of gel electrodes for the main and additional sessions:**Nr 2

#### Complementary programs:

- Inflammation of the lymph nodes (9)
- Normalisation of Lymphatic System Flows (155)
- Inflammatory process - general program (593)
- Normalization of the immune system (155)

**Repeating the course of the session:** in 10-14 days.

## 464. Leishmania

The causative agent of leishmaniasis. Transmitted by mosquito bites. Located in liver cells, spleen, red bone marrow, and lymph nodes. Clinically manifested by severe inflammatory reaction at the site of the bite, weakness, recurring fever, and swelling. Leishmaniasis of mucous membranes and skin affects the skin, mucous membranes of the nose, mouth, throat, and larynx with destruction of soft tissues and cartilage, which can lead to death.

**Main session:** 1 x 15 minutes, 2 times a day for 7 days, then 1 x 15 minutes, 1 once a day, every day for 7 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms);  
1 x 15 minutes *Insect bites - general program (442)* (section Symptoms);  
1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 2.

#### Complementary programs:

- Lymphedema (436)
- Inflammatory process - general program (593)

**Repeating the course of the session:** in 10-14 days.

## 465. Giardia Lamblia

Representative of a protozoan parasite that is the causative agent of giardiasis. It parasitizes only in humans. The invasive form is a cyst that enters the body through dirty hands, food, and water. It is located in the mucous membrane of the upper small intestine, especially the duodenum.

In adults, asymptomatic carriers of Giardia are usually observed. Periodic nausea and abdominal pain, and diarrhea are characteristic. In children, intestinal pain can be intense and spasmodic. Sometimes, it occurs at night and is accompanied by the urge to defecate (alarm clock sign). Appetite decreases, periodic nausea, vomiting, and diarrhea occur. Neurotic symptoms: weakness, fatigue, tearfulness, dizziness, headache, and heartache. Allergic symptoms such as itching, urticaria, and asthmatic bronchitis may occur.

Giardia are highly toxic, so this program should not be included in the same complex as other programs in the „Infectious agents” section.

**Main session:** 1 x 15 minutes, every day for 7-10 days.

**Additional session:** 1 x 15 minutes *Intoxication by removing toxins (410)* (section Symptoms); 1 x 15 minutes *Cramps (spasm) – general program (393)* or *Abdominal pain (367)* (section Symptoms);

**Location of gel electrodes for the main and additional sessions:** no 1, 11.

### Complementary programs:

- Normalization of the immune system (1)
- Nausea (440)
- Normalization of bowel function (14)
- Liver detoxification (15)

**Repeat the Session Cycle:** in 14 days.

## 466. Plasmodium malariae-general program

Plasmodium vivax, Plasmodium ovale, Plasmodium falciparum, and Plasmodium malariae are all types of Plasmodium that can cause malaria. Malaria is transmitted to humans through the bites of Anopheles mosquitoes and is characterized by a chronic and recurrent course. Humans are the main source of malaria. The main mechanism of infection in humans is through the bite of an infected mosquito, but Plasmodium can also be transmitted through blood transfusions, during childbirth, or from an infected mother to her unborn child.

Clinically, malaria is characterized by typical attacks of chills, fever, and sweating. The temperature can rise to 39-40°C, and there may be cyanosis of the lips, nausea, vomiting, and even disturbances of consciousness and delirium.

This program has a prophylactic and rehabilitative character aimed at restoring organ function, detoxifying the body, and increasing immunity.



**Main session:** 1 x 15 minutes every day for 7 days, then 1 x 15 minutes every other day for 14-20 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms); 1 x 15 minutes *Insect bites - general program (442)* (section Symptoms); 1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

**Complementary programs:**

- Splenomegaly – splenic enlargement (10)
- Inflammatory process - general program (593)
- Nausea (440)
- General regeneration - recovery (596)
- Lymphedema (436)

**Repeating the course of the session:** in 10-14 days.

## 467. Mycoplasma - general program

general program for all types of mycoplasma. Mycoplasmas are small microorganisms susceptible to intracellular parasitism. Mycoplasmas are able to modulate immune system responses (both stimulating and suppressing). In most cases, mycoplasmosis is characterized by a chronic asymptomatic course.

**Main session:** 2 x 15 minutes, every day for 7 days, then 1 x 15 minutes, every day for 14 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms); 1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

**Complementary programs:**

- Inflammatory process - general program (593)

**Repeat the Session Cycle:** in 14 days.

## 468. Genital mycoplasma (*Mycoplasma genitalium*)

*M. genitalium* is mainly isolated in inflammatory processes of the kidneys, urinary tract, and reproductive organs: Pyelonephritis, urinary bladder inflammation, inflammation of the urethra (Urethritis), in both men and women, rarely in children, vaginal inflammation (vaginitis), inflammation of the cervix, inflammation of the fallopian tube, inflammation of the lining of the womb (endometritis), infertility, early miscarriage, fetal and neonatal pathology, in men - with prostatitis, infertility.

**Main session:** 1 x 15 minutes every day for 7 days, then 1 x 15 minutes every day for 14 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms); 1 x 15 minutes *Urinary tract infections (330)* (section Nosology).

**Complementary programs:**

- Inflammatory process - general program (593)
- Vaginal inflammation (vaginitis) (56)
- Regulation of the female reproductive system (67)
- Regulation of the male reproductive system (323)
- Normalization of the immune system (1)

**Repeat the Session Cycle:** in 14 days.

**469. Mycoplasma pneumoniae** (*Mycoplasma pneumoniae*)

*M. pneumoniae* causes two forms of respiratory system mycoplasmosis: an acute respiratory disease in the form of pharyngitis, rhinitis, laryngitis, tracheitis, bronchitis, and acute pneumonia (mycoplasmal pneumonia). The infection is transmitted through airborne droplets.

**Main session:** 2 x 15 minutes every day for 7 days, then 1 x 15 minutes every day do 10 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms);  
1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

**Complementary programs:**

- Bacterial pneumonia (301)
- Normalization of lung function (293)
- Improvement of breathing function (305)
- Throat and lymph nodes - general program (236)

**470. Mycobacterium tuberculosis**

The causative agent of tuberculosis. The source of infection is sick people who emit the pathogen with sputum into the environment. The main mechanism of infection is airborne, and transmission occurs through the air. The human body has a high resistance to pathogenic mycobacteria. Infection does not always lead to the development of the disease.

This program is used as an adjunct to the basic treatment process, in the chronic course of the disease, and in the „turn of the tuberculin test“.

**Main session:** 1 x 15 minutes using metal electrodes, for 10-14 days.

**Additional session:** 1 x 15 minutes *Detoxification of bacterial infections (401)* (section Symptoms);  
1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

**Complementary programs:**

- Tuberculosis (150)
- Normalization of lung function (293)
- Chronic diseases - general program (620)

- General regeneration - recovery (596)
- Inflammatory process - general program (593)

**Repeat the Session Cycle:** in 14 days.

## 471. Peptostreptococcus

Anaerobic bacteria, which are part of the normal flora of the oral cavity, upper respiratory tract, and large intestine, participate in mixed anaerobic infections and manifest as immunosuppression or adjacent tissue injury due to septic complications.

**Main session:** 1 x 15 minutes, every day for 7 days.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

### Complementary programs:

- Chronic diseases - general program (620)
- Sinus inflammation (Sinusitis) (248)
- Sinus inflammation (Sinusitis) (241)
- Colon polyps (360)
- Improving general well-being (617)

## 472. Streptococcus pneumoniae (Streptococcus pneumoniae)

Pneumococci can cause middle ear infection, sinus inflammation, bronchitis, lobar pneumonia, endocarditis, joint inflammation, sepsis, and other dangerous diseases. The frequency of severe forms is high. Pneumococcal infection most commonly affects children between the ages of 6 months and 6 years. The gateway to pneumococcal infection is the mucous membranes of the oral cavity and throat, as well as the respiratory tract. The immune system's resistance to infections plays a huge role in the development of this process. Unfavorable factors for the development of the disease include hypothermia, reduced local immunity due to frequent respiratory infections, stressful situations and fatigue, and hypovitaminosis. The time from infection to the onset of the disease is 1-3 days.

**Main session:** 1 x 15 minutes, every day for 7-14 days.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);

1 x 15 minutes *Respiratory infections - general program (127)* (section Nosology);

1 x 15 minutes *Bronchospasm (299)* (section Nosology).

### Complementary programs:

- Bacterial pneumonia (301)

- Sinus inflammation (Sinusitis) (248)
- Middle ear infection (Otitis media) (245)
- Improving general well-being (617)

## 473. Salmonella

The bacterium is the cause of salmonellosis. Salmonellosis is an acute infectious disease characterized by a fecal-oral mechanism of transmission, predominant changes in the gastrointestinal tract, the development of intoxication and dehydration. The microbes are capable of intracellular parasitism and are quite resistant to physical and chemical environmental factors. They can maintain viability in water for up to 3 months, in meat and eggs for up to 7 months, and in frozen food for up to 2 years. Salmonella can multiply in dairy products and ready-to-eat meat products. The bacteria are resistant to pickling and smoking. Their destruction requires prolonged heat treatment of food. Various animals, rarely humans, are the source of infection. The necessary condition for the disease is the entry of live salmonella and their toxins into the human gastrointestinal tract. The incubation period lasts from 2-6 hours to 2-3 days.

Severe salmonellosis is observed in people with reduced gastric acid function, chronic gastrointestinal diseases, hypovitaminosis, and immunodeficiency. Prevention of salmonellosis includes nonspecific anti-epidemic measures.

**Main session:** 1 x 15 minutes, every day for 7 days.

**Additional session:** 1 x 15 minutes *Gastrointestinal infections - general program (123)*(section Nosology).

1 x 15 minutes *Salmonella (146)* (section Nosology);

1 x 15 minutes *Detoxification - general program (397)* (section Symptoms).

### Complementary programs:

- Bowel detoxification (394)
- Restoration of water-salt metabolism (594)
- Meteorism, abdominal distension (427)
- General digestive disorders (438)
- Improving general well-being (617)

## 474. Staphylococcus - general program

A comprehensive program of intensified action applies to most staphylococci.

The Staphylococcus genus includes microorganisms that are widely distributed in nature and are part of the normal human microflora. Staphylococci are opportunistic pathogens, with Staphylococcus aureus being the most pathogenic. The main route of transmission is through

contact (due to hand contamination). The most important source of nosocomial infections are hospitalized patients with intensive colonization, especially of the skin (postoperative wounds, burns, bedsores). Staphylococcal infections are characterized by damage to various organs and tissues of the human body. Staphylococci cause superficial infections, diseases caused by staphylococcal toxin, staphylococcal food poisoning, etc. Nosological forms of staphylococcal lesions include: skin inflammation, furuncles, abscesses, sore throat, pneumonia, pleurisy, ear inflammation, conjunctivitis, mouth inflammation, enteritis, food poisoning, joint inflammation, osteitis and marrow, endocarditis, pericarditis, phlebitis, cystitis, and others.

**Main session:** 1 x 15 minutes, every day for 7 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms).

1 x 15 minutes *Lymphatic drainage 1 (408)* (section Nosology);

1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

**Repeating the course of the session:** in 3-5 days.

## 475. Hemolytic staphylococcus

Bacterium *Staphylococcus haemolyticus* is named for its ability to destroy red blood cells. *Staphylococcus* primarily attacks the mucous membranes of the respiratory system, so most diseases caused by it are related to this system. These include: sore throat; pharyngitis; pneumonia; bronchitis. Among other common diseases are: skin - impetigo; urological - cystitis, urethritis; scarlet fever; endocarditis.

**Main session:** 1 x 15 minutes, every day for 7 days.

**Additional session:** 1 x 15 minutes *Detoxification of bacterial infections (401)* (section Symptoms).

1 x 15 minutes *Normalization of erythropoiesis (51)* (section Nosology);

1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

**Repeating the course of the session:** in 3-5 days.

## 476. *Staphylococcus aureus*

It is the most pathogenic of the *Staphylococcus* group. *Staphylococcus aureus* temporarily colonizes the anterior part of the nasal passages and can be excreted from them for a long time. Nasal carriage is accompanied by secondary colonization of the skin. There is a higher level of *Staphylococcus aureus* in hospital personnel, hospitalized patients, and patients requiring frequent skin punctures, such as insulin-dependent diabetes, allergies, and kidney failure.

**Main session:** 1 x 15 minutes, every day for 7-14 days.

**Additional session:** 1 x 15 minutes *Detoxification of bacterial infections (401)* (section Symptoms).  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

**Repeating the course of the session:** in 3-5 days.

**Complementary programs:**

- Food poisoning - general program (126)
- Inflammation of dental pulp (pulpitis) - general program (318)
- Regeneration of the mucosa (613)
- Eczema - Eczema (84)
- Furuncle (boil) (92)
- Pink eye (conjunctivitis) (259)
- Stye (hordeolum) (264)
- Urinary tract infections (330)
- Tonsillitis - general program (239)
- Arthritis (221)

## 477. Saprophytic staphylococcus

The bacterium leads to general body poisoning, often causing inflammation of the urethra (urethritis) and urinary bladder.

**Main session:** 1 x 15 minutes, every day for 7-14 days.

**Additional session:** 1 x 15 minutes *Detoxification of bacterial infections (401)* (section Symptoms).  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

**Repeating the course of the session:** in 3-5 days.

**Complementary programs:**

- Urinary tract infections (330)
- Pyelonephritis (336)
- Acute inflammation of the bladder (Acute cystitis) (342)
- Chronic inflammation of the bladder (Chronic cystitis) (343)

## 478. Staphylococcus epidermal

Staphylococcus epidermidis is dangerous for people with a weakened immune system. It is part of the normal skin, mucous membrane, and small intestine flora. The greatest danger is during surgery, for example, an infected prosthesis - valve, shunt, and others - can be introduced into the body. The most common cause of catheter-related bloodstream infection.

**Main session:** 1 x 15 minutes, every day for 7 days.

**Additional session:** 1 x 15 minutes *Detoxification of bacterial infections (401)* (section Symptoms).  
1 x 15 minutes *Skin or mucous membrane infections - general program (124)* (section Nosology).

**Repeating the course of the session:** in 3-5 days.

## 479. Streptococcus - general program

A comprehensive program with enhanced action applies to members of the Streptococcus genus. Streptococci cause acute and chronic inflammatory diseases of various organs and systems, and each member of this family is characterized by a typical location of the process. In the case of the risk of infection with streptococci, measures to increase immunity are recommended.

**Main session:** 1 x 15 minutes, every day for 7-14 days.

**Additional session:** 1 x 15 minutes *Detoxification of bacterial infections (401)* (section Symptoms).  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

## 480. Streptococcus pyogenes beta-haemolyticus

The enhanced action program is focused on beta-hemolytic group A streptococcus, Streptococcus pyogenes. These bacteria are one of the most common causes of bacterial infections in humans, and they cause diseases with damage to the upper respiratory tract, skin with local purulent processes, and the development of complications. The bacterium causes such diseases as acute tonsillitis/pharyngitis (strep throat), erysipelas, scarlet fever, acute rheumatic fever, acute glomerulonephritis, vasculitis, neurological disorders, enteritis, and impetigo. The source of infection is individuals with tonsillitis, scarlet fever, and other clinical forms of streptococcal infections of the respiratory tract or skin.

**Main session:** 1 x 15 minutes, every day for 7-14 days.

**Additional session:** 1 x 15 minutes *Detoxification of bacterial infections (401)* (section Symptoms).  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

### Complementary programs:

- Throat infections and pain (242)
- Tonsillitis- general program (239)
- Inflammation of the throat and tonsils (Pharyngitis and tonsillitis) (251)
- Rheumatism (170)
- Inflammation of the lymph nodes (9)
- Glomerulonephritis (328)

- Urinary tract infections (330)
- Erysipelas (129)
- Improving general well-being (617)

## 481. Streptococcus pyogenes (Streptococcus pyogenes)

Short program for rapid effect on Streptococcus pyogenes infection aimed at preventing toxic shock syndrome.

**Main session:** 1 x 15 minutes, every day, 2 times a day for 3-5 days.

**Additional session:** 1 x 15 minutes *Detoxification of bacterial infections (401)* (section Symptoms).

1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

### Complementary programs:

- Throat infections and pain (242)
- Angina - general program (239)
- Inflammation of the throat and tonsils (Pharyngitis and tonsillitis) (251)
- Rheumatism (170)
- Inflammation of the lymph nodes (9)
- Glomerulonephritis (328)
- Urinary tract infections (330)
- Improving general well-being (617)

## 482. Toxoplasma

The program targets the pathogen *Toxoplasma gondii*. The disease is common. Toxoplasmosis causes lasting damage to many organs and systems and is particularly dangerous during pregnancy.

There are the following ways of getting infected with toxoplasmosis:

- orally (97% of all infection cases; when consuming raw food produced from cattle and small cattle; the transmitting factors may be dirty hands, food, water, dishes);
- contact (1% of all infection cases; skin or mucous membrane damage and introduction of the pathogen into the wound);
- vertical (1% of all infection cases; in case of parasitemia in pregnant women);
- iatrogenic (1% of all infection cases; carried out by blood transfusion and organ transplantation).

The incubation period lasts from several days to several weeks. General symptoms of poisoning include general weakness, headache, poor condition, fever, muscle and joint pain.



**Main session:** 1 x 15 minutes, every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms);  
1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);  
1 x 15 minutes *Intoxication by removing toxins (410)* (section Symptoms).

**Repeating the course of the session:** 2-3 razy w odstępie 7-10 days.

**Complementary programs:**

- Lymphedema (436)
- Normalisation of Lymphatic System Flows (155)
- Normalization of nervous system functions (184)
- Neuromuscular diseases - general program (203)
- Headache - general program (388)
- Eyes - extended program (253)
- Improving general well-being (617)
- Sleep regulation - insomnia (287)

## 483. *Treponema pallidum*

Pale treponema - *T. pallidum* is the causative agent of syphilis. It parasitizes in tissues. From capillaries, pale treponemes easily penetrate into tissues, where they accumulate in large quantities. There, the pale treponema rapidly multiplies to a level capable of causing clinical manifestations. Outside the human body, the pale treponema is very unstable: it quickly dies after drying and in contact with conventional disinfectants.

The source of infection is a person with syphilis. The greatest danger is posed by patients with active symptoms of syphilis in the primary and secondary stages.

The main route of transmission is through sexual contact, less frequently through household and transplacental transmission. The incubation period is 3-4 weeks.

The program is used in the comprehensive treatment of syphilis and can be combined with main visits to a venereologist. The course of therapy is long, and the healing process is prolonged.

**Main session:** 1 x 15 minutes, every day, 2 times a day for 10 days; later 1 once a day for 20 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms);  
1 x 15 minutes *Venereal infections - general program (121)* (section Nosology);  
1 x 15 minutes *Inflammation of the lymph nodes (9)* (section Nosology).

**Repeating the course of the session:** 2-3 times apart 7 days.

**Complementary programs:**

- Intoxication by removing toxins (410)
- Normalisation of Lymphatic System Flows (155)
- Normalization of the immune system (1)

- Headache - general program (388)
- Depressive syndrome (273)
- Renewal of skin cells (78)
- Improving general well-being (617)
- Sleep regulation - insomnia (287)

## 484. Trypanosoma

The Trypanosomidae family of protozoa includes INFECTIOUS AGENTS causing trypanosomiasis. The diseases take the form of African trypanosomiasis, also known as sleeping sickness, and American trypanosomiasis, also called Chagas disease. The tsetse fly is the carrier of African trypanosomiasis, while the Triatoma bug is the carrier of Chagas disease. These programs are used for a long period of time during rehabilitation.

**Main session:** 1 x 15 minutes, every day for month.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms);  
1 x 15 minutes *Lymphedema (436)* (section Symptoms);  
1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

### Complementary programs:

- Normalisation of Lymphatic System Flows (155)
- Normalization of nervous system functions (184)

## 485. Trichomoniasis (Trichomonas hominis, Trichomonas tenax, Trichomonas vaginalis)

A comprehensive program for representatives of Trichomonas.

*Trichomonas hominis* (intestinal flagellate): source of infection - human (patient, carrier); transmission mechanism - fecal-oral. It causes colitis.

*Trichomonas tenax* (oral flagellate): source of infection - human (patient, carrier); transmission mechanism - fecal-oral. The disease clinically manifests as periodontitis, gingivitis, sore throat, and chronic bronchitis.

*Trichomonas vaginalis* (genitourinary flagellate): reservoir and source of infection - human (patient, carrier); transmission mechanism - sexually and through shared objects. Trichomoniasis is characterized by an asymptomatic course, multifocal lesions, and complications. Invasion of *Trichomonas vaginalis* can mainly cause colitis, vulvitis, cervicitis, urethritis, prostatitis, epididymitis, and cystitis. The presence of concomitant microorganisms increases the severity of the inflammatory process.

The incubation period of the disease is an average of 7-10 days. Symptoms can begin to appear between 5 and 28 days after infection.

**Main session:** 1 x 15 minutes, every day, 14 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms);  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

**Repeat the Session Cycle:** in 7-10 days.

**Complementary programs:**

- Venereal infections - general program (121)
- Urinary tract infections (330)
- Inflammation of dental pulp (pulpitis) – general program (318)
- Periodontal disease (316)
- Inflammation of the gums (Gingivitis) (312)
- Chronic inflammation of the bladder (Chronic cystitis) (343)
- Inflammation of the urethra (Urethritis) (341)
- Colpitis - general scheme (30)
- Regeneration of the mucosa (613)

## 486. Ureaplasma

Ureaplasmas are a type of bacteria that were previously classified as mycoplasmas, but were later isolated as a separate genus because of their ability to break down urea. There are two types of this pathogen - *Ureaplasma parvum* and *Ureaplasma urealyticum*. The microorganism is opportunistic. *Ureaplasma* does not have a cell wall or DNA, and lives on the cell membranes of the epithelium of the mucous membranes of the urogenital tract, but can also affect cells in the respiratory, intestinal, or joint systems. Infection is mainly caused by microorganisms of the species *Ureaplasma urealyticum*.

The incubation period of ureaplasmosis usually lasts about a month. However, the disease can be latent (hidden) and may not manifest for many years if the patient has stable immunity and normal microflora of the urogenital system. *Ureaplasma* begins to multiply rapidly when the balance of different microorganisms is disturbed.

**Main session:** 1 x 15 minutes, every day, 14 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms);  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Normalization of the immune system (1)* (section Nosology);

**Repeat the Session Cycle:** in 7-10 days.

**Complementary programs:**

- Urinary tract infections (330)
- Chronic inflammation of the bladder (Chronic cystitis) (343)
- Inflammation of the urethra (Urethritis) (341)

- Colpitis - general scheme (30)
- Regeneration of the mucosa (613)
- Regulation of the female reproductive system (67)
- Regulation of the male reproductive system (323)
- Infertility - general program (55)
- Ovulation stimulation (71)
- General regeneration - recovery (596)
- Chronic diseases - general program (620)
- Depressive syndrome (273)
- Improving general well-being (617)

## 487. *Helicobacter Pylori*

Bacteria that colonize different parts of the stomach and duodenum. It causes the development of many diseases in the gastric and duodenal area, such as gastritis, duodenitis, gastric and duodenal ulcers. *Helicobacter pylori* spreads through household contact. Infection can cause symptoms, but in most cases, the carrier is asymptomatic. A characteristic feature of the bacteria is the ability to survive and multiply in the acidic environment characteristic of gastric contents. In the process of life, *Helicobacter pylori* synthesizes a series of toxins, under the influence of which the cells of the gastric mucosa are damaged and die, and the protective layer of mucus dissolves. As a result, the acidic environment begins to directly affect the unprotected cells of the mucous membrane, causing inflammation and ulcers.

**Main session:** 1 x 15 minutes, every day, 10-14 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms); 1 x 15 minutes *Chronic gastritis type B - bacterial (19)* (section Nosology).

**Repeat the Session Cycle:** in 7-10 days.

**Complementary programs:**

- Nausea (440)
- General digestive disorders (438)
- Regeneration of the mucosa (613)
- Chronic diseases - general program (620)
- Depressive syndrome (273)
- Improving general well-being (617)".

## 488. *Chlamydia - general program*

The program is intended for three types of chlamydia that can cause diseases in humans, including sexually transmitted diseases and respiratory infections. Chlamydia is an intracellular stationary bac-

terium. It is a unique parasite, unlike any other. It lives inside the cells of mucous membranes. It enters the cell like a virus. Having its own DNA, RNA, ribosomes, and the ability to produce its own proteins and nucleic acids, it suppresses the cell, deprives it of energy, and forces it to produce its own kind. The cell dies - bursts, and new chlamydia emerge from it, which attack new cells. However, they are entirely dependent on the host cell.

The incubation period of chlamydia infection ranges from 1 week to 1 month (usually 10-15 days). Chlamydia can lead to chronic infection, which often has no clear clinical symptoms.

*C. trachomatis* is the most common bacterial cause of sexually transmitted diseases, including urethritis, cervicitis, proctitis, and reactive arthritis. Transmission of *C. trachomatis* from the mother can cause pink eye (conjunctivitis) and pneumonia in newborns.

*C. pneumoniae* can cause pneumonia (especially in children and young people), which is clinically indistinguishable from *Mycoplasma pneumoniae* pneumonia. In some patients with *C. pneumoniae*, hoarseness and sore throat may be preceded by a cough, which can be persistent and complicated by bronchospasm.

*C. psittaci* causes psittacosis - an infectious disease characterized by the development of toxic syndrome and damage to the respiratory system, transmitted by birds.

**Main session:** 1 x 15 minutes, every day for 10 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms); 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);

**Repeating the course of the session:** 2-3 razy w odstępie 7 days.

**Complementary programs:**

- Venereal infections - general program (121)
- Cramps (spasm) – general program (393)
- Normalization of the immune system (1)
- Headache - general program (388)
- Urinary tract infections (330)
- Chronic diseases - general program (620)
- Depressive syndrome (273)
- Improving general well-being (617)
- Regulation of the female reproductive system (67)
- Regulation of the male reproductive system (323)
- Reproductive system - general program (69)

## 489. Pulmonary chlamydia

Chlamydia pneumonia is an intracellular parasitic microorganism that is the source of infectious damage to the respiratory system. It can only exist inside cells. *C. pneumoniae* causes damage to

the upper respiratory tract (Laryngitis, pharyngitis, sinusitis, middle ear infection, bronchitis) as well as pneumonia in children and adolescents, and recurrent infectious diseases of the respiratory system in older age groups. *C. pneumoniae* is transmitted only from person to person. Outbreaks of chlamydia respiratory diseases are most common in close groups. In 70% of infected individuals, the infection may persist without symptoms in the respiratory tract. Sometimes the disease manifests itself many months after infection, and the bacteria can persist for a long time on the mucous membranes of the upper respiratory tract, even after recovery.

Atypical pneumonia is caused by atypical microorganisms. Atypical pneumonia is a collective term used to describe lung damage caused not by typical pneumonia but by atypical microorganisms. They differ from typical pneumonia in atypical epidemiological transmission factors and other clinical symptoms of respiratory tract changes (dominance of non-specific disease symptoms, clinical data inconsistency with radiographic image). It starts with an inflammatory state of the upper respiratory tract, a dry cough, and fever. In such patients, small segmental infiltrates are detected on chest radiographs, and often there is no increase in the number of leukocytes in the blood test.

The program is an additional method of treating chronic atypical pneumonia, it can be used in combination with basic treatment and during rehabilitation.

**Main session:** 2 x 15 minutes, every day for 5-7 days; then 1 x 15 minutes a day for maximum 10 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms);  
1 x 15 minutes *Normalization of the immune system (1)* (section Nosology);  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

#### Complementary programs:

- Bacterial pneumonia (301)
- Bronchospasm (299)
- Normalization of lung function (293)
- Improvement of breathing function (305)
- Headache - general program (388)
- Chronic diseases - general program (620)
- Improving general well-being (617)
- Slow health recovery (604)

## 490. Human scabies

A skin parasite that causes scabies in humans. The main way to get infected with the *Sarcoptes scabiei* mite is through direct skin contact with an infected person. Male scabies mites have

a secondary role in infection. The fertilized female makes the initial movements. She burrows under the skin, making movements at the border of the stratum corneum and the stratum granulosum of the epidermis. She then lays eggs, from which larvae hatch in 2-3 days. After about 2 weeks, they become adults with a life cycle of 1-2 months. *Sarcoptes scabiei* is not resistant to environmental conditions. It can survive outside the human body for just over 72 hours. All scabies symptoms (itching, rash, etc.) are a result of the body's allergic reaction to the mites, their bites, and waste products. If you scratch the skin vigorously, a bacterial infection can also develop with scabies, which significantly complicates treatment. The peak activity of the parasites occurs in the second half of the day, so itching intensifies during that time.

**Main session:** 1 x 15 minutes, every day for 10 days.

**Additional session:** 1 x 15 minutes *Itchy skin (421)* (section Symptoms);  
1 x 15 minutes *Allergic problems - general program (2)* (section Nosology);

**Complementary programs:**

- Skin or mucous membrane infections - general program (124)
- Dermatitis - general program (82)
- Renewal of skin cells (78)

## 491. Shigella

Microorganisms from the *Shigella* genus, Enterobacteriaceae family, comprise 4 serogroups and their corresponding species:

Group A - *S. dysenteriae*; Group B - *S. flexneri*; Group C - *S. boydii*; Group D - *S. sonnei*.

*Shigella* serogroup A produces the Shiga toxin or exotoxin, some strains of other species produce it in much smaller amounts. Compared to pathogens from other serogroups, *Shigella sonnei* reproduces more intensively in milk and dairy products and can be stored in them for much longer. Shigellosis is a typical representative of anthropogenic (human-to-human) intestinal infections.

The source of the pathogen is the patient. *Shigella* excretion with feces begins simultaneously with the first symptoms of the disease and reaches its maximum in 3-5 days.

The mechanism of transmission of Shigellosis pathogens is fecal-oral. It spreads through food, water, household items, as well as through mechanical vectors - flies.

There is a high susceptibility to shigellosis, particularly in children aged 6 months to 5 years. Adults are more susceptible to dysbiosis and other chronic intestinal diseases, as well as hunger, hypovitaminosis, and immune deficiency. Against this background, Shigellosis can persist.

**Main session:** 1 x 15 minutes, every day for 7-10 days;

**Additional session:** 1 x 15 minutes *Dysentery (153)* (section Nosology);

1 x 15 minutes *Gastrointestinal infections - general program (123)* (section Nosology);

1 x 15 minutes *Intoxication by removing toxins (410)* (section Symptoms);

**Complementary programs:**

- Normalization of gastrointestinal function (12)
- Normalization of bowel function (14)
- Colpitis - general scheme (30)
- Improving general well-being (617)

## 492. Fecal streptococcus

*Enterococcus faecalis* is a part of the normal microflora of the human gastrointestinal tract. It can cause various infections, such as urinary tract infections, pelvic organ infections, wound infections, and endocarditis. *Enterococcus faecalis* and *Enterococcus faecium* are the most pathogenic species among enterococci, and they account for 80-90% of all enterococci isolated from clinical materials. *Enterococcus faecalis* is often the cause of hospital-acquired infections.

**Main session:** 1 x 15 minutes, every day for 7-10 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms);

**Repeating the course of the session:** 2-3 times with an interval of 7-10 days.

**Complementary programs:**

- Skin or mucous membrane infections - general program (124)
- Urinary tract infections (330)
- Endocarditis (164)
- Inflammatory process - general program (593)

## 493. *Enterococcus faecium*

*Enterococcus* is a type of bacteria that is part of the normal microflora of the human digestive tract. Enterococci are gram-positive, facultative anaerobic lactic acid bacteria (able to use energy from fermentation, and thus able to live in both high and low oxygen environments). Enterococci are highly resistant to various environmental factors and disinfectants, and can remain viable on household objects for a long time. *Enterococcus faecium* is an opportunistic pathogen that, on the one hand, is an essential microorganism for humans, but on the other hand, can cause various diseases.

**Main session:** 1 x 15 minutes, every day for 7-10 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms);



**Repeating the course of the session:** 2-3 razy w odstępie 7-10 days.

**Complementary programs:**

- Skin or mucous membrane infections - general program (124)
- Urinary tract infections (330)
- Endocarditis (164)
- Inflammatory process - general program (593)

# VIRUSES

Viruses enter the body through mucous membranes, skin, or blood during insect and animal bites, and multiply in the epithelial cells of the body's surfaces. After entering the bloodstream, they can infect other cells, including immune and nervous cells. The development of protective reactions in response to viral aggression depends on the state of the immune system, especially the structure and biological properties of the viruses.

The programs in this section aim to neutralize viruses, prevent the development of acute infectious processes, and the development of complications.

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot)	2. Induction mat

## 494. Viruses - general program

General antiviral program used for diseases caused by viruses. The program is combined with symptomatic and nosological programs.

**Main session:** 1 x 15 minutes, for 8-10 days.

**Additional session:** 1 x 15 minutes *Detoxification of viral infections (402)* (section Symptoms).

## 495. Adenovirus

Adenoviruses belong to the group of DNA viruses. The source of the pathogen is patients with severe or mild forms of the disease. Transmission mechanisms include airborne, rarely fecal-oral, and contact (direct contact with infected blood or tissues). Outbreaks of Adenoviral conjunctivitis have been described after swimming in pools. The incidence increases in the autumn-winter and early spring periods, during wet and cold weather. Most sporadic cases are reported in children.

**Main session:** 1 x 15 minutes, every day, 2 times a day for 5-7 days.

**Additional session:** 1 x 15 minutes *Adenoviral infection (128)* (section Nosology);

1 x 15 minutes *Respiratory infections - general program (127)* (section Nosology);

1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

### Complementary programs:

- Allergic conjunctivitis (6)
- Runny nose (Rhinitis) (247)
- Viral pneumonia 1 (135)
- Inflammation of the throat and tonsils (Pharyngitis and tonsillitis) (251)

- Throat and lymph nodes - general program (236)
- Pink eye (conjunctivitis) (259)
- Normalisation of Lymphatic System Flows (155)

## 496. Hepatitis A virus

The virus belongs to the genus Hepatovirus, containing RNA. The main mechanism of transmission is fecal-oral, which is carried out through water, food, household items, and others. Additional mechanical vectors are flies and cockroaches. Human natural susceptibility is high. The disease occurs in isolated cases or epidemics. Children over 1 year of age (especially in organized groups) and adults under 40 years of age are more likely to get sick. A large part of the virus is transmitted within families. After the disease, lifelong stable immunity develops.

**Main session:** 1 x 15 minutes, every day, 3 times a day po 7; then 2 times a day - 7 days; later 1 once a day - 7 days.

**Additional session:** 1 x 15 minutes *Detoxification of viral infections (402)* (section Symptoms); 1 x 15 minutes *Hepatitis A (132)* (section Nosology); 1 x 15 minutes *Gastrointestinal infections - general program (123)* (section Nosology).

**Preventive session:** 1 x 15 minutes, 2-3 times a day for 10 days. Prophylaxis should be started within the first 48 hours after contact with the patient.

### Complementary programs:

- Jaundice (25)
- Intoxication by removing toxins (410)
- Hepatomegaly (22)
- Nausea (440)
- Normalization of liver function (15)
- Abdominal pain (367)

## 497. Hepatitis B virus

The virus is characterized by ubiquitousness, high incidence, severity, and features of consequences (development of chronic hepatitis, cirrhosis of the liver). It is a DNA virus transmitted through hemcontact and vertical mechanisms, just like in the case of HIV infection. The spread of hepatitis B virus is facilitated by drug addiction, sexual perversions, deficiencies in medical tool sterilization, and imperfect blood donor screening. The disease can become chronic in the absence of an adequate immune response from the body.

Vaccination is a specific preventative measure against the disease.

**Main session:** 1 x 15 minutes, every day, 3 times a day, for 14 lat; then 2 times a day - 10 days; later once a day for month. With an exacerbation of the disease 1 x 15 minutes 3 times a day to improve the general condition.

**Additional session:** 1 x 15 minutes *Detoxification of viral infections (402)* (section Symptoms);  
1 x 15 minutes *Hepatitis B (133)* (section Nosology);  
1 x 15 minutes *Gastrointestinal infections - general program (123)* (section Nosology);  
1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

**Complementary programs:**

- Chronic hepatitis (21)
- Chronic diseases - general program (620)
- Jaundice (25)
- Intoxication by removing toxins (410)
- Hepatomegaly (22)
- Nausea (440)
- Normalization of liver function (15)
- Abdominal pain (367)
- Itchy skin (421)

## 498. Hepatitis C virus

The RNA virus is the causative agent of hepatitis C. The greatest danger of its spread is through intravenous drug use. The main consequences of the disease are the development of chronic hepatitis and liver cirrhosis. The course of the disease can be accompanied by a large number of extra-liver symptoms, which in some cases dominate the clinical picture of liver damage, mask the clinical picture and complicate specific therapy. Currently, there is no specific prevention (vaccination) against hepatitis C virus. Patients with chronic hepatitis C virus are recommended to be vaccinated against hepatitis A and B viruses to prevent severe disease in case of infection. The program is part of a comprehensive treatment of viral hepatitis C and can be used for a long time.

**Main session:** 1 x 15 minutes, every day, once a day for month. Exacerbation of the disease 1 x 15 minutes 3 times a day to ease the general condition.

**Additional session:** 1 x 15 minutes *Detoxification of viral infections (402)* (section Symptoms);  
1 x 15 minutes *Hepatitis C (134)* (section Nosology);  
1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

**Complementary programs:**

- Chronic hepatitis (21)
- Chronic diseases - general program (620)

- Liver fibrosis (39)
- Jaundice (25)
- Intoxication by removing toxins (410)
- Hepatomegaly (22)
- Nausea (440)
- Normalization of liver function (15)

## 499. Flu virus - general program

The influenza virus is a virus containing RNA of three species and types: Influenza A, B, and C. Type A has many subtypes. Different serotypes are distinguished for all species. The appearance of new strains of the influenza virus results from rearrangements, when simultaneous infection of cells by different strains of viruses mixes fragments of their genomes in various combinations. The reservoir and source of infection is a sick person. The mechanism of transmission is airborne. In the case of droplets of mucus during coughing and sneezing, the pathogen is released up to a distance of 3-3.5 meters. Infection is also possible through household items (towels, dishes, doorknobs, contaminated hands, etc.). Susceptibility to the flu is almost total. Immunity is short-lived.

**Main session:** 1 x 15 minutes every day 3-4 times a day for 3-5 days, then 2 times a day for 7 days.  
**Additional session:** 1 x 15 minutes *Respiratory infections - general program (127)* (section Nosology).  
 1 x 15 minutes *Flu - general program (136)* (section Nosology);  
 1 x 15 minutes *Detoxification of viral infections (402)* (section Symptoms);  
 1 x 15 minutes *Intoxication by removing toxins (410)* (section Symptoms).

### Complementary programs:

- Headache - general program (388)
- Nasal infections, nasal congestion (243)
- Pink eye (conjunctivitis) (259)
- Cough - general program (424)
- General regeneration - recovery (596)

## 500. Coxsackie virus - general program

Exposure program to Coxsackie A and B VIRUSES. Coxsackie viruses were first isolated in 1948 during a polio outbreak in the American city of Coxsackie, hence their name. The transmission mechanisms are mainly fecal-oral. The source of infection is only a person, a patient or carrier of the virus, who excretes the pathogen in their feces. The incubation period lasts from 2 to 7 days. In all clinical variants, the disease starts suddenly. Body temperature rises to 38-40°C, patients complain of headaches, dizziness, and general weakness.

**Main session:** 1 x 15 minutes, every day, 2 times a day for 10 days; later 1 once a day for 7 days.  
**Additional session:** 1 x 15 minutes *Respiratory infections - general program (127)* (section Nosology);  
1 x 15 minutes *Detoxification of viral infections (402)* (section Symptoms).

**Complementary programs:**

- Inflammation of the throat and tonsils (Pharyngitis and tonsillitis) (251)
- Inflammatory process - general program (593)
- Regeneration of the mucosa (613)
- Inflammation of dental pulp (pulpitis) - general program (318)
- Cardiovascular diseases - general program (173)
- Normalization of nervous system functions (184)
- Neuromuscular diseases - general program (203)
- General regeneration - recovery (596)
- Normalization of the immune system (1)

## 501. Measles virus

Measles virus is unstable in the environment. It is sensitive to disinfectants, acidic environments, and sunlight. The mode of transmission of the virus is through the air. The source of the pathogen is only the sick person, who infects others during the last 24-48 hours of the incubation period. The virus is excreted during the entire period of respiratory symptoms and for an additional 5 days after the onset of the rash. The virus is released in large amounts into the environment during talking, coughing, and sneezing. Measles virus is not transmitted through consumer goods, food, or third parties.

**Main session:** 1 x 15 minutes, every day, 2 times a day for 3 days; later once a day for 14 days.  
**Additional session:** 1 x 15 minutes *Respiratory infections - general program (127)* (section Nosology);  
1 x 15 minutes *Measles (141)* (section Nosology);  
1 x 15 minutes *Detoxification of viral infections (402)* (section Symptoms).

**Complementary programs:**

- Runny nose (Rhinitis) (247)
- Inflammation of the throat and tonsils (Pharyngitis and tonsillitis) (251)
- Pink eye (conjunctivitis) (259)
- Lymphedema (436)
- Throat and lymph nodes - general program (236)
- Regeneration of the mucosa (613)
- Middle ear infection (Otitis media) (245)
- General regeneration - recovery (596)
- Normalization of the immune system. (1)

## 502. Rubella virus

The causative agent of one of the most common childhood infections worldwide - rubella. The mechanism of infection transmission is through the air. The infection is characterized by moderate respiratory symptoms and a moderate rash that disappears after 3 days, and enlargement of the posterior cervical lymph nodes. The main preventive measure is vaccination with a live vaccine.

**Main session:** 1 x 15 minutes, every day, 2 times a day for 3-5 days.

**Additional session:** 1 x 15 minutes *Rubella (Roseola) (142)* (section Nosology).

1 x 15 minutes *Respiratory infections - general program (127)* (section Nosology);

1 x 15 minutes *Inflammation of the lymph nodes (9)* (section Nosology).

### Complementary programs:

- Throat and lymph nodes - general program (236)
- General regeneration - recovery (596)

## 503. Human papillomavirus - general program

The family of papillomaviruses includes about 100 species of viruses. Of these, about 80 strains are dangerous to humans, especially the oncogenic types of the virus that enter the body and integrate their DNA into the cells of mucous membranes and skin. Mechanisms of uncontrolled cell division are activated, which leads to the development of cancer. All types of viruses are classified according to their oncogenicity (ability to cause cancer) in the following order:

- low-risk group - types 6, 11, 40, 42, 43, 44, 54, 61, 72, 81;
- acceptable high-risk group - types 26, 53, 66;
- high-risk oncogenic group - types 16, 18, 31, 33, 35, 45, 51, 52, 56, 58, 59, 68, 73, 82.

The virus is transmitted through household and sexual contact. The program is designed for comprehensive treatment of human papillomavirus infections.

**Main session:** 1 x 15 minutes, every day for 14-20 days.

**Additional session:** 1 x 15 minutes *Detoxification of viral infections (402)* (section Symptoms);

1 x 15 minutes *Chronic diseases - general program (620)* (section PEMF).

Multiple session: not earlier than in a week.

### Complementary programs:

- Normalization of the immune system (1)
- Warts - general program (76)
- Blackhead (87)

- Benign tumors - general program (347)
- Polyps - general program (356)
- Venereal infections - general program (121)
- Cervical erosion (60)
- Inflammation of the lining of the womb (endometritis) (59)

## 504. Mumps virus (Zapalenie ślinianek przyusznych)

The virus causes mumps. The mechanism of transmission is through the air. Clinically, it is manifested by fever and damage to the parotid salivary glands. The only source of infection are patients with typical and erased forms of mumps. The patient can release the virus into the environment 3 days before and 9 days after the illness. The most common patients are children from 3 to 15 years old, more often boys, and less often adults.

**Main session:** 1 x 15 minutes, every day, 2 times a day for 14 days.

**Additional session:** 1 x 15 minutes *Detoxification of viral infections (402)* (section Symptoms);  
1 x 15 minutes *Respiratory infections - general program (127)* (section Nosology);  
1 x 15 minutes *Lymphedema (436)* (section Symptoms).

Multiple session: not earlier than in a week.

### Complementary programs:

- Inflammation of the salivary glands (240)
- Normalization of the immune system (1)
- Lymphatic drainage 1 (408)
- Improving general well-being (617)
- Headache - general program (388)
- Normalisation of Lymphatic System Flows (155)
- Testicular infection (334)
- Regulation of the male reproductive system (323)

## 505. Herpesvirus - general program

A universal program that attacks all types of herpes viruses that are pathogenic to humans. Currently, there are 8 types of such herpesviruses known:

- Herpes simplex virus 1 - HSV-1 or human herpesvirus type 1;
- Herpes simplex virus 2 - HSV-2 or human herpesvirus type 2;
- Varicella-zoster virus - Shingles (Zoster) - varicella-zoster virus - VZV or human herpesvirus type 3;
- Epstein-Barr virus - Epstein-Barr virus - EBV - or human herpesvirus type 4;



- Cytomegalovirus - human CMV or human herpesvirus type 5;
- Human herpesvirus type 6;
- Human herpesvirus type 7;
- Human herpesvirus type 8 or Kaposi's sarcoma-associated herpesvirus.

The program's action has a significant burden on the body, and exacerbations are possible. If such conditions are detected, the program should be suspended for 2-3 days and then resumed, holding sessions every other day. Remember to include detoxification programs.

**Main session:** 1 x 15 minutes, every day for 5-7 days.

**Additional session:** 1 x 15 minutes *Detoxification of viral infections (402)* (section Symptoms);  
1 x 15 minutes *Normalization of the immune system (1)* (section Nosology);

Multiple session: not earlier than in a week.

**Complementary programs:**

- Intoxication by removing toxins (410)
- Detoxification - general program (397)

## 506. Human Herpesvirus 1 (Herpes Simplex)

The herpes simplex virus type 1 causes the development of herpes infections - a group of diseases characterized by dominant skin, mucous membrane, and nervous system changes. The human herpesvirus type 1 is spread worldwide, with an infection rate of 90-97%. The modes of transmission include airborne, contact (including sexual), and fecal-oral routes. Primary infection always becomes a persistent carrier of the pathogen.

The program aims to prevent the reactivation of the virus.

**Main session:** 1 x 15 minutes, every day, 1 once a day, for 7-14 days.

**Additional session:** 1 x 15 minutes *Detoxification of viral infections (402)* (section Symptoms);  
1 x 15 minutes *Strengthening the protective functions of the body (619)* (section PEMF).

Multiple session: not earlier than in a week.

**Complementary programs:**

- Intoxication by removing toxins (410)
- Detoxification - general program (397)
- Headache of unknown origin (387)
- Respiratory infections - general program (127)

## 507. Human Herpesvirus 2 (Herpes simplex virus 2)

The epidemiology, pathogenesis, and clinical course of development are the same as in the case of infection with herpesvirus type 1.

**Main session:** 1 x 15 minutes, every day, 1 once a day, for 7-14 days.

**Additional session:** 1 x 15 minutes *Detoxification of viral infections (402)* (section Symptoms);  
1 x 15 minutes *Strengthening the protective functions of the body (619)* (section PEMF).

Multiple session: not earlier than in a week.

### Complementary programs:

- Intoxication by removing toxins (410)
- Detoxification - general program (397)
- Headache of unknown origin (387)
- Improving general well-being (617)
- Venereal infections - general program (121)
- Chronic diseases - general program (620)

## 508. Human Herpesvirus 3 (smallpox, shingles) (ospa, Shingles (Zoster))

It is the cause of two different diseases - chickenpox and shingles. This virus is unstable in the environment and quickly becomes inactive. The source of chickenpox infection is a patient who becomes infectious to the environment at the end of the incubation period (6-7 hours before the rash appears) and up to 5 days after the appearance of the last elements. Shingles (Zoster) can also be an additional source of infection, but it releases much fewer viruses. The mechanism of transmission of the pathogen in chickenpox is airborne.

Despite the weak resistance of viruses in the environment, there is a possibility of their spread from the air outside the room where the patient is staying, through open doors, ventilation systems, and others. Long-term immunity is developed after infection, and recurrent diseases are rare. The risk of shingles increases with weakened immunity, which is observed as a result of aging or during the development of diseases causing immune suppression, such as the use of immunosuppressive drugs. Therefore, older people are mostly affected. Complications caused by the virus are due to bacterial infections. Upper respiratory tract infections and neurological damage are the most common.

**Main session:** 1 x 15 minutes, every day for 5-7 days.

**Additional session:** 1 x 15 minutes *Respiratory infections - general program (127)* (section Nosology);  
1 x 15 minutes *Chickenpox (130) or Shingles (Zoster) (144)* (section Nosology)  
1 x 15 minutes *Detoxification of viral infections (402)* (section Symptoms).

Sesja wielokrotna: nie wcześniej, za 5-7 days.

**Complementary programs:**

- Normalization of nervous system functions (184)
- Nervous system tension 1 (185)
- Bacteria - general program (448)
- Improving general well-being (617)
- Strengthening the protective functions of the body (619)
- Itchy skin (421)

## 509. Human Herpesvirus 4 (EBV) (Wirus Epsteina-Barra)

The Epstein-Barr virus most commonly causes infectious mononucleosis in humans, but other symptoms may accompany it. Patients, including those with asymptomatic infections, are the source of infection. The virus is excreted with nasal and throat mucus, saliva. Isolation of the Epstein-Barr virus sometimes lasts 18 months from the onset of the disease. The mechanism of transmission of the infection is airborne. Transmission through sexual contact or blood contact is also possible.

Currently, the Epstein-Barr virus is associated with the development of lymphoma, chronic fatigue syndrome, multiple sclerosis, and leukoplakia.

**Main session:** 1 x 15 minutes, every day for 14 days.

**Additional session:** 1 x 15 minutes *Detoxification of viral infections* (402) (section Symptoms).

1 x 15 minutes *Lymphatic drainage 1* (408) (section Symptoms);

1 x 15 minutes *Normalization of the immune system (1)* (section Nosology)

Multiple session: not earlier than in a week.

**Complementary programs:**

- Infectious mononucleosis (138)
- Inflammation of the lymph nodes (9)
- Normalisation of Lymphatic System Flows (155)
- Splenomegaly – splenic enlargement (10)
- Inflammatory process - general program (593)
- Improving general well-being (617)

## 510. Human Herpesvirus 5 (CMV)

Cytomegalovirus causes an infectious disease in humans called cytomegalovirus infection or cytomegalovirus disease. The source of the pathogen is a person who is infected or a carrier of cytomegalovirus. The mechanism of transmission is through the air (with saliva, by contact with contaminated objects), blood contact, and sexual contact. Clinically apparent cytomegalovirus infection may be characterized by damage to many internal organs, but most commonly presents as hepatitis, enteritis, pancreatitis, pneumonia, and central nervous system damage. Women often experience inflammation of the lining of the uterus (endometritis) and ovarian dysfunction.

**Main session:** 1 x 15 minutes, every day for 14 days.

**Additional session:** 1 x 15 minutes *Detoxification of viral infections (402)* (section Symptoms);  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

Multiple session: not earlier than in a week.

### Complementary programs:

- Headache - general program (388)
- Normalization of the immune system (1)
- Normalisation of Lymphatic System Flows (155)
- General regeneration - recovery (596)
- Chronic diseases - general program (620)

## 511. Human Herpesvirus 6

The virus can cause acute skin lesions in young children, multiple sclerosis and chronic fatigue syndrome in adults, and autoimmune thyroiditis.

**Main session:** 1 x 15 minutes, every day for 14 days.

**Additional session:** 1 x 15 minutes *Detoxification of viral infections (402)* (section Symptoms);  
1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

Multiple session: not earlier than in a week.

### Complementary programs:

- Normalization of nervous system functions (184)
- Lichen simplex chronicus (89)
- Improving general well-being (617)

## 512. Coronaviruses - general program (Koronawirus)

Programs targeting the SARS-CoV-2 coronavirus are assigned to a separate section called „COVID-19” - NOSOLOGY. There is also a program for the general impact on the coronavirus family, which is divided into two types - Coronavirus and Torovirus. The Coronavirus type includes sev-

eral viruses that cause diseases in humans. The source of infection is a patient or carrier of the coronavirus. The transmission mechanism is through the air. Susceptibility to the virus is very high. The incubation period lasts 2-5 days. The clinical symptoms resemble SARS, with possible scratchy or sore throat when swallowing, sneezing, and mild headaches. The infection is accompanied by moderate general intoxication.

**Main session:** 1 x 15 minutes, 2-4 times a day for 5 days; then 1 x 15 minutes once a day for 5 days.  
**Additional session:** 1 x 15 minutes *Viral pneumonia 1 (135)* (section Nosology);  
1 x 15 minutes *Respiratory infections - general program (127)* (section Nosology);  
1 x 15 minutes *Detoxification of viral infections (402)* (section Symptoms).

**Complementary programs:**

- Runny nose (Rhinitis) (247)
- Headache - general program (388)
- Inflammation of the throat and tonsils (Pharyngitis and tonsillitis) (251)
- Cough - general program(424)
- Normalisation of Lymphatic System Flows (155)
- Normalization of the immune system (1)
- Improving general well-being (617)

## 513. Reoviruses - general program

RNA-containing viruses are initially replicated in the epithelial cells of the mucous membrane of the oral cavity, throat, and small intestine, as well as in regional lymph nodes, where they enter the lymph and blood. Reovirus infection is an acute disease with a predominance of upper respiratory tract and gastrointestinal tract damage. The reservoir and source of infection is humans. The main mechanism of transmission is through the air. The disease mainly occurs in groups of children.

The incubation period lasts from 1 to 7 days. The disease usually starts suddenly with a rise in body temperature. Disturbing headache, loss of appetite, cough, runny nose (rhinitis), sometimes nausea, vomiting, may increase cervical lymph nodes.

**Main session:** 1 x 15 minutes every day, 2-3 times a day for 3-5 days; then 1 once a day for 3-5 days.  
**Additional session:** 1 x 15 minutes *Respiratory infections - general program (127)* (section Nosology);  
1 x 15 minutes *Improving general well-being (617)* (section PEMF).

**Complementary programs:**

- Throat and lymph nodes - general program (236)
- Cough during colds (425)
- Nasal infections, nasal congestion (243)

- Nausea (440)
- Diarrhea (419)
- Vomiting (439)

## 514. Retroviruses- general program

Regular cells convert DNA into RNA. Retroviruses, on the other hand, have RNA in their genome, which they convert into DNA using reverse transcriptase. Retroviruses have two strands of RNA, which they convert into double-stranded DNA. They then transport this double-stranded DNA into the cell nucleus and insert it into the host genome. In this way, the retrovirus genome becomes a part of the host genome and the cell will never be able to get rid of it. Retroviruses can cause some cancers, including HIV-1 and HIV-2, which are the cause of AIDS. The program is used for long-term basic treatment.

**Main session:** 1 x 15 minutes, every day, once a day for month.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms);  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);  
1 x 15 minutes *Strengthening the protective functions of the body (619)* (section PEMF).

**Multiple session:** month of therapy - week break - month of therapy and so on up to a year.

### Complementary programs:

- Viruses - general program (494)
- Mykozy – program ogólny krótki (518)
- Intoxication by removing toxins (410)
- Inflammation of dental pulp (pulpitis) – general program (318)
- Inflammation of the lymph nodes (9)
- Normalisation of Lymphatic System Flows (155)
- Splenomegaly – splenic enlargement(10)
- Improving general well-being (617)
- Exhaustion of the body (423)
- Normalization of the immune system (1)

## 515. Rhinoviruses - general program

Rhinoviruses - RNA-containing VIRUSES, some of the smallest viruses, belong to the Enterovirus genus. The source of infection is a sick person. The mechanism of transmission is through the air (mainly due to sneezing, when the virus can travel up to 4-5 meters from the source of infection). Susceptibility is extremely high. In the upper respiratory tract, rhinovirus multiplies in the epithelial cells of the nasal cavity, caus-

ing a local inflammatory reaction with severe tissue swelling and abundant secretions. Infection with rhinovirus manifests as acute inflammation of the nasal and throat mucosa (rhinitis) and acute bronchitis. The incubation period is 1-6 days. The disease begins with a stuffy nose, sneezing, and the appearance of a watery and mucous discharge, which increases in number. Many patients experience a scratchy throat, cough, conjunctivitis with tearing, loss of smell and taste. However, general malaise is mild, body temperature is normal or slightly elevated. Herpes may often appear on the lips. The nasal mucosa is swollen. The disease lasts no longer than 2 weeks.

**Main session:** 1 x 15 minutes, every day, 2 times a day for 7 days, later 1 once a day for week.

**Additional session:** 1 x 15 minutes *Viral pneumonia 1 (135)* (section Nosology);  
1 x 15 minutes *Respiratory infections - general program (127)* (section Nosology);  
1 x 15 minutes *Nasal infections, nasal congestion (243)* (section Nosology).

#### Complementary programs:

- Inflammation of the throat and tonsils (Pharyngitis and tonsillitis) (251)
- Bronchitis (296)
- Runny nose (Rhinitis) (247)
- Cough - general program (424)
- Allergic conjunctivitis (6)
- Allergic rhinitis (7)
- Normalisation of Lymphatic System Flows (155)
- Herpesvirus - general program (505)
- Improving general well-being (617)

## 516. Rotaviruses - general program

It is believed that rotaviruses are the most common and responsible for the majority of infectious diarrhea in children as well as for outbreaks of gastroenteritis in adults. The main source of rotavirus infection is a patient with gastroenteritis who excretes a significant amount of virus particles in their stool. Healthy carriers of the virus are also epidemiologically dangerous. The main mechanism of transmission of rotavirus infection is considered to be fecal-oral contact. Infection often occurs through the consumption of contaminated water and food. Upon entering the human body through the oral cavity, rotaviruses easily reach the small intestine, become activated, and begin to multiply. In children, rotavirus infection often occurs in the form of two waves - respiratory and intestinal alternately.

**Main session:** 1 x 15 minutes every day, 2-3 times a day for 7 days.

**Additional session:** 1 x 15 minutes *Rotavirus infection* (145) (section Nosology);

1 x 15 minutes *Viral pneumonia 1* (135) (section Nosology);

1 x 15 minutes *Detoxification - general program* (397) (section Symptoms).

**Complementary programs:**

- Vomiting (439)
- Diarrhea (419)
- Restoration of water-salt metabolism (594)
- Enteritis (24)
- Runny nose (Rhinitis) (247)
- Abdominal pain (367)
- Cramps (spasm) – general program (393)



# FUNGI / MOLD

The section programs target fungal microorganisms that cause certain diseases. Fungi are pathogens of fungal infections, mycogenic allergies, and mycotoxicosis. They are common in the environment, and some of them are part of the normal microflora of the oral and intestinal cavities. The section programs are aimed at the treatment and prevention of fungal infections. The treatment period for fungal diseases is usually long with recurring sessions.

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot)	2. Induction loop
	3. Induction mat

## 517. Mycoses- general program

This program has a general nature. It is used when a specific etiological factor cannot be identified.

**Main session:** 1 x 15 minutes, every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Detoxification of fungal infections (403)* (section Symptoms);  
1 x 15 minutes *Intoxication by removing toxins (410)* (section Symptoms).

**Repeating the course of the session:** in 3-5 days.

## 518. Mycoses- short general program

The general program with weakened effect is used preventively after antibiotic therapy or antiparasitic treatment.

**Main session:** 1 x 15 minutes, every day for 5-7 days.

## 519. Mycoses and molds - general program

The general program of enhanced action. It is recommended to use it at the beginning of the treatment.

**Main session:** 1 x 15 minutes, once or 3-5 days depending on the clinical manifestations of the underlying disease. **Additional session:** 1 x 15 minutes *Detoxification of fungal infections (403)* (section Symptoms);

1 x 15 minutes *Intoxication by removing toxins (410)* (section Symptoms).

## 520. Actinomycetes

Radiomycetes, a group of microorganisms that combine features of both bacteria and fungi. The source of infection is soil. The transmission mechanism is contact, and the transmission route is indirect. They colonize the mucous membrane of the oral cavity of humans and mammals. Boosting the immune system is a non-specific prevention measure.

**Main session:** 1 x 15 minutes, every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Detoxification of fungal infections (403)* (section Symptoms);  
1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

**Repeating the course of the session:** in 3-5 days.

**Complementary programs:**

- Dental trauma (320)
- Intoxication by removing toxins (410)
- Lymphatic drainage 1 (408)
- Beck frequency (591)

## 521. Alternaria

The species of fungus that lives on dead plant parts, fallen leaves, wood, and textiles. It forms spores both outside and inside buildings as part of household dust. Storing moldy plant products in the home is a risk factor that increases concentration. *Alternaria* is a common cause of respiratory allergies and atopic dermatitis. A link has been established between sensitivity to fungal antigens and the development of severe bronchial asthma in young children, allergic rhinitis, and skin inflammation. Allergy manifestations are quite typical: congestion and runny nose (rhinitis), itchy nose, itching and redness of the eyes, itching of the palate or throat, and bronchospasm.

**Main session:** 1 x 15 minutes, every day for 14 days.

**Additional session:** 1 x 15 minutes *Detoxification of fungal infections (403)* (section Symptoms);  
1 x 15 minutes *Allergic problems - general program (2)* (section Nosology);  
1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

**Repeat the Session Cycle:** in 7 days.

**Complementary programs:**

- Allergic rhinitis (7)
- Atopic dermatitis (83)
- Asthma-like syndrome (294)
- Intoxication by removing toxins (410)
- Lymphatic drainage 1 (408)
- Bronchospasm (299)

- Bronchial asthma 1 (295)

## 522. Aspergillus

This program is a general program for *Aspergillus* fungi.

*Aspergillus* can be found everywhere. In everyday life, it can be found as white or green mold on vegetables, fruits, and rotten wood. The source of aspergillosis is ventilation systems and showers, air conditioners, inhalers, humidifiers, old pillows and books, soil from house plants, food (vegetables, nuts, ground black pepper, tea bags, etc.), biological waste, rotten grass, etc. Infection mainly occurs through the respiratory tract. Patients with diabetes are particularly susceptible to aspergillosis.

**Main session:** 1 x 15 minutes, every day for 14 days.

**Additional session:** 1 x 15 minutes *Detoxification of fungal infections (403)* (section Symptoms);

1 x 15 minutes *Allergic problems - general program (2)* (section Nosology);

1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

**Repeat the Session Cycle:** in 7 days.

**Complementary programs:**

- Asthma-like syndrome (294)
- Intoxication by removing toxins (410)
- Lymphatic drainage 1 (408)

## 523. Geotrichum

*Geotrichum* is a very common mold in nature. It can be obtained from soil, water, air, and food. *Geotrichosis* may occur in individuals with weakened immune systems, such as those with diabetes, HIV, or after prolonged antibiotic therapy. The disease manifests as a failure of the bronchopulmonary system, but other mucous membranes such as the gastrointestinal tract, vagina, and bladder can also be affected.

**Main session:** 1 x 15 minutes, every day for 14 days.

**Additional session:** 1 x 15 minutes *Detoxification of fungal infections (403)* (section Symptoms);

1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

**Repeat the Session Cycle:** in 7 days.

**Complementary programs:**

- Asthma-like syndrome (294)
- Intoxication by removing toxins (410)
- Lymphatic drainage 1 (408)

## 524. Histoplazma

It causes histoplasmosis (Darling's disease). The disease primarily affects the lungs. The risk of histoplasma infection is highest when the spores are disturbed during tree cutting or building demolition. The risk is particularly high at construction sites or during cave exploration.

**Main session:** 1 x 15 minutes, every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Detoxification of fungal infections (403)* (section Symptoms);  
1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

**Repeating the course of the session:** in 10 days.

**Complementary programs:**

- Improvement of breathing function (305)
- Chronic diseases - general program (620)
- Beck frequency (591)

## 525. Candida- general program

Candida is a common opportunistic fungus of mucous membranes. In a healthy human body, its quantity is regulated by the immune system and does not cause disease. With reduced immunity, it begins to multiply rapidly, which in turn leads to candidiasis, which attacks not only external but also internal organs. Candidiasis can be both an acute and chronic disease, and there is also a form of asymptomatic carrier. Varieties of the disease include: inflammation of the vulva and vagina (vaginitis) (yeast infection), oral thrush, Candidiasis of the lungs, Candidiasis of the skin and nails, Candidiasis of other locations of the urogenital system, yeast meningitis, Endocarditis, etc. The risk group includes people who are overweight, have diabetes, hypothyroidism, immune deficiencies, pregnant women, and people with inflammatory diseases during antibiotic therapy. The program is used in cases where it is impossible to isolate a specific pathogenic factor or requires exposure to several species of Candida fungi.

**Main session:** 1 x 15 minutes, every day, long, up to 30 days.

**Additional session:** 1 x 15 minutes *Detoxification of fungal infections (403)* (section Symptoms);  
1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

**Complementary programs:**

- Fungal infections - general program (122)
- Dental trauma (320)
- Fungal infections of the female reproductive system (57)
- Vaginal inflammation (vaginitis) (56)
- Regulation of the female reproductive system (67)
- Regulation of the male reproductive system (323)

## 526. *Candida albicans*

The most common species of *Candida* fungi, which have the greatest clinical significance. *C. albicans* produces up to 180 different toxins in the body that can affect the liver, hormonal balance, weaken the immune system, and cause a craving for sweets. *C. albicans* is often the cause of oral and genital infections (thrush), as well as nail fungus.

**Main session:** 1 x 15 minutes, every day, long, up to 30 days.

**Additional session:** 1 x 15 minutes *Detoxification of fungal infections (403)* (section Symptoms);  
1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

### Complementary programs:

- Candidiasis (61)
- Dental trauma (320)
- Fungal infections of the female reproductive system (57)
- Vaginal inflammation (vaginitis) (56)
- Regulation of the female reproductive system (67)
- Regulation of the male reproductive system (323)
- Nail Fungus (Onychomycosis) (88)
- Gluten intolerance (31)
- Diabetic foot (107)
- Irritable bowel syndrome (38)
- Crohn's disease (40)

## 527. *Candida glabrata*

*C. glabrata* is a cause of more severe forms of candidiasis of the urogenital system. This fungal infection is a serious clinical problem because it has a complex natural tolerance and can be very resistant to treatment.

**Main session:** 1 x 15 minutes, every day, long, up to 30 days.

**Additional session:** 1 x 15 minutes *Detoxification of fungal infections (403)* (section Symptoms);  
1 x 15 minutes *Intoxication by removing toxins (410)* (section Symptoms).

**Repeating the course of the session:** in 10-14 days.

### Complementary programs:

- Normalization of the immune system (1)
- Candidiasis (61)
- Regulation of the female reproductive system (67)
- Regulation of the male reproductive system (323)
- Fungal infections - general program (122)

- Fungal infections of the female reproductive system (57)
- Vaginal inflammation (vaginitis) (56)

## 528. *Candida kefyr*

*Candida kefyr* is a type of candidiasis that is commonly found in individuals with weakened immune systems.

**Main session:** 1 x 15 minutes, every day, 10-14 days.

**Additional session:** 1 x 15 minutes *Detoxification of fungal infections (403)* (section Symptoms);  
1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

## 529. *Candida krusei*

Most commonly, *C. krusei* affects the mucous membranes of the mouth, gastrointestinal tract, and urogenital system.

**Main session:** 1 x 15 minutes, every day, 10-14 days.

**Additional session:** 1 x 15 minutes *Detoxification of fungal infections (403)* (section Symptoms);

### Complementary programs:

- Regeneration of the mucosa (613)
- Fungal infections - general program (122)
- Dental trauma (320)

## 530. *Candida parapsilosis*

*Candida parapsilosis* is a yeast-like fungus and a component of normal skin microflora. If it enters the bloodstream, it can cause candidemia when the immune system is weakened and surgeries are performed.

**Main session:** 1 x 15 minutes, 2 times a day for 10 days.

**Additional session:** 1 x 15 minutes *Blood detoxification (395)* (section Symptoms);  
1 x 15 minutes *Fungal infections - general program (122)* (section Nosology);  
1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

## 531. *Candida robusta*

*Candida robusta* affects the mucous membranes of organs and skin. It is quite rare.

**Main session:** 1 x 15 minutes, every day, 10-14 days.

**Additional session:** 1 x 15 minutes *Detoxification of fungal infections (403)* (section Symptoms);

**Complementary programs:**

- Regeneration of the mucosa (613)
- Renewal of skin cells (78)
- Colpitis - general scheme (30)
- Normalization of bowel function (14)

### **532. *Candida stellatoidea* (*Candida stelatoidea*)**

*Candida stellatoidea* is detected in individuals with a low immune status.

**Main session:** 1 x 15 minutes, every day, 10-14 days.

**Additional session:** 1 x 15 minutes *Detoxification of fungal infections (403)* (section Symptoms);  
1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

**Complementary programs:**

- Fungal infections of the female reproductive system (57)
- Colpitis - general scheme (30)
- Normalization of bowel function (14)

### **533. *Candida tropicalis***

*Candida tropicalis*

Infection with *Candida tropicalis* is observed in individuals with dental prostheses, as well as in individuals with a weakened immune system.

**Main session:** 1 x 15 minutes, every day, 10-14 days.

**Additional session:** 1 x 15 minutes *Detoxification of fungal infections (403)* (section Symptoms);  
1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

**Complementary programs:**

- Dental trauma (320)
- Candidiasis (61)

### **534. *Cryptococcus neoformans***

*Cryptococcus neoformans* is a type of yeast-like fungus that causes cryptococcosis in humans. It affects the skin, mucous membranes, lungs, and central nervous system. It does not develop in healthy individuals. *Cryptococcus neoformans* is a ubiquitous cosmopolitan. It is excreted from fermented fruit juices, milk, butter, from the surface of insects (including cockroaches), and from

dry bird droppings. It enters the body aerogenically with infected dust, through the digestive tract, and through damaged skin. The infection is not transmitted from patients.

**Main session:** 1 x 15 minutes, every day, 10 days.

**Additional session:** 1 x 15 minutes *Detoxification of fungal infections (403)* (section Symptoms).

### **535. Microsporum - general program** (*Microsporum cavis*, *Microsporum ferrugineum*, *Microsporum audouinii*)

Microsporum fungi cause dermatophytosis, a fungal disease that affects hair, skin, and rarely nails. The main carriers are cats, especially stray ones, often without any symptoms. A person is infected by coming into contact with the skin contaminated with pathogenic hair scales. Rounded, distinct spots appear on human skin. There is a focus on the scalp, where the hair is broken at a height of 5-6 mm, and the remnants of the hair are covered with a shield of fungal spores. This also applies to eyebrows and eyelashes. The pathogen can be transmitted through household items. Dermatophytosis is common, with a high incidence in urban areas. The disease mainly affects children.

**Main session:** 1 x 15 minutes 2 times a day for 3-5 days, then 1 x 15 minutes a day for 7-10 days.

**Additional session:** 1 x 15 minutes *Detoxification of fungal infections (403)* (section Symptoms);  
1 x 15 minutes *Hair diseases - general program (74)* (section Nosology);  
1 x 15 minutes *General regeneration - recovery (596)* (terapia PEMF).

**Repeating the course of the session:** in 10-14 days.

#### **Complementary programs:**

- Normalization of the immune system (1)
- Fungal infections - general program (122)
- Itchy skin (421)
- Dermatitis - general program (82)

### **536. White mold - *Mucor mucedo***

White mold that „grows“ on stale bread, fruits, and vegetables. Black dots - heads with spores - are visible on the loose surface of the mycelium. Spores enter the body through inhalation. *Mucor* is an opportunistic fungus that causes mucormycosis only when the immune system is weakened. It affects the skin, cornea, external ear, and lungs. „Germinating“ in the walls of blood vessels, it creates blood clots.



**Main session:** 1 x 15 minutes, every day, 7-10 days.

**Additional session:** 1 x 15 minutes *Detoxification of fungal infections (403)* (section Symptoms);  
1 x 15 minutes *Normalization of the immune system (1)* (section Nosology).

### 537. *Nocardia asteroides*, *Nocardia brasiliensis*

*Nocardia* is a family of fungus-forming bacteria (formerly classified as actinomycetes). *N. asteroides* usually causes lung infections and disseminated infections. *N. brasiliensis* most commonly causes infectious skin lesions, especially in tropical climates. Infection occurs through the respiratory tract or direct skin damage.

**Main session:** 1 x 15 minutes every day at least 14 days.

**Additional session:** 1 x 15 minutes *Normalization of the immune system (1)* (section Nosology);  
1 x 15 minutes *Fungal infections - general program (122)* (section Nosology).

### 538. *Onychomycosis*

A comprehensive program to support nail plate therapy, containing frequencies for *Trichophyton rubrum*, *Trichophyton tonsurans*, and *Candida*.

**Main session:** 1 x 15 minutes, every day for month.

**Additional session:** 1 x 15 minutes *Nail diseases - general program (75)* (section Nosology);  
1 x 15 minutes *General regeneration - recovery (596)* (terapia PEMF).

**Repeating the course of the session:** in 10-14 days.

### 539. *Rhizopus nigricans* - Blackening spread

Black mold typically appears on fruits and vegetables during long-term storage. It destroys the surface and flesh of the fruit. The allergen *Rhizopus nigricans* enters the body through the respiratory tract and most commonly causes allergic reactions such as allergic rhinitis, sinusitis, and bronchial asthma. Exogenous allergic alveolitis may also occur.

**Main session:** 1 x 15 minutes, every day for 14 days.

**Additional session:** 1 x 15 minutes *Detoxification of fungal infections (403)* (section Symptoms);  
1 x 15 minutes *Allergic problems - general program (2)* (section Nosology);

**Repeat the Session Cycle:** in 7 days.

**Complementary programs:**

- Asthma-like syndrome (294)
- Runny nose (Rhinitis) (247)

- Intoxication by removing toxins (410)
- Lymphatic drainage 1 (408)

## 540. Sporothrix

Saprophytic mold that causes skin infections, including sporotrichosis. It is an occupational disease of farmers and workers involved in woodwork. Infection usually occurs after a minor injury associated with infected material. Symptoms include nodules on the skin that spread through the lymphatic vessels and break through into abscesses and ulcers.

**Main session:** 1 x 15 minutes, every day for 14 days.

**Additional session:** 1 x 15 minutes *Detoxification of fungal infections (403)* (section Symptoms);  
1 x 15 minutes *Skin or mucous membrane infections - general program (124)* (section Nosology).

**Repeat the Session Cycle:** in 7 days.

## 541. Trichosporon

Trichosporon is a rare infectious agent that attacks the skin. It most commonly affects the skin of the lower limbs, trunk, and face. Clinical symptoms range from erythematous patches to papulopustular rash, capable of progressing to necrotic ulcers. The outcome of the infection often depends on the patient's immune status and the degree of damage.

**Main session:** 1 x 15 minutes, every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Detoxification of fungal infections (403)* (section Symptoms);  
1 x 15 minutes *Normalization of the immune system (1)* (section Nosology);  
1 x 15 minutes *Slow recovery (604)* (terapia PEMF).

**Repeat the Session Cycle:** in 7 days.

## 542. Trichophyton - general program

This sentence can be translated as: „It causes fungal infections of the skin on the feet, dermatophytosis, skin in the groin, and other similar infections of the nails, skin, and scalp.

**Main session:** 1 x 15 minutes, every day for 14 days.

**Additional session:** 1 x 15 minutes *Detoxification of fungal infections (403)* (section Symptoms);  
1 x 15 minutes *Fungal infections - general program (122)* (section Nosology);  
1 x 15 minutes *Renewal of skin cells (78)* (section Nosology).

**Repeat the Session Cycle:** in 7 days.

**Complementary programs:**

- Intoxication by removing toxins (410)

- Lymphatic drainage 1 (408)
- General regeneration - recovery (596)
- Itchy skin (421)

## 543. Epidermophyton

The fungus causes fungal infection, a disease characterized by skin changes, mainly in the groin, armpits, feet, and nails. The disease has a high infection rate.

**Main session:** 1 x 15 minutes, every day for 14 days.

**Additional session:** 1 x 15 minutes *Detoxification of fungal infections (403)* (section Symptoms);

1 x 15 minutes *Fungal infections - general program (122)* (section Nosology);

1 x 15 minutes *Renewal of skin cells (78)* (section Nosology)

**Repeat the Session Cycle:** in 7 days.

### Complementary programs:

- Intoxication by removing toxins (410)
- Lymphatic drainage 1 (408)
- General regeneration - recovery (596)
- Itchy skin (421)

# NEMATODES / CESTODA / TREMATODA

The etiological factors of a large group of parasitic diseases are worms that have adapted to a parasitic lifestyle in humans, animals, or plants. It is known that hundreds of thousands of worms infect different species. Human diseases caused by parasitic worms are called helminthiases. The term „worm infestation” was introduced by Hippocrates, who described in detail ascariasis and cysticercosis.

Worms that belong to human parasites differ significantly in the location of parasitism, cyclical development, selectivity of a specific location, stages of development of both the parasite and pathological changes in the host. The life cycles of worms are complex and mostly involve changes in the parasitic environment.

The programs in this department are one of the links in the comprehensive eradication of worm infestations. They can also be used preventively.

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot)	2. Induction mat

## 544. Nematodes - general program

Roundworms - nematodes - (from the Greek „Nema” - thread) are among the most common parasitic worms in the world. They are the causative agents of ascariasis, trichuriasis, enterobiasis, anisakiasis, filariasis, and others. Nematodes are located in most human tissues and organs: the digestive tract, muscles, respiratory organs, kidneys, etc. In prevention, it is important to follow basic hygiene principles; it is enough to heat meat and fish during cooking; use high-quality, safe water; carry out regular preventive examinations of animals.

This program has a general nature. It is used when a specific etiologic factor cannot be distinguished.

**Main session:** 1 x 15 minutes, every day for 7 days.

**Additional session:** 1 x 15 minutes *Detoxification in a parasitic infections (406)*(section Symptoms);  
1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology).

**Repeat the Session Cycle:** in 7 days.

**Complementary programs:**

- Intoxication by removing toxins (410)
- Normalization of liver function (15)
- Meteorism, abdominal distension (427)
- Headache - general program (388)
- Cramps (spasm) – general program (393)

## 545. Tapeworms - general program

Tapeworms are parasites that live in vertebrates and have complex life cycles. Over 70 species from the class Cestoda have medical significance. This program has a general character. It is used when a specific etiological factor cannot be distinguished.

**Main session:** 1 x 15 minutes, once a day for 10 days.

**Additional session:** 1 x 15 minutes *Detoxification in a parasitic infections (406)* (section Symptoms);

1 x 15 minutes *Intoxication by removing toxins (410)* (section Symptoms);

1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology).

**Repeating the course of the session:** 2-3 times with an interval of 5-7 days.

**Complementary programs:**

- Abdominal pain (367)
- Cramps (spasm) – general program (393)
- Diarrhea (419)
- Headache - general program (388)
- Allergic problems - general program(2)
- Normalization of liver function (15)
- Normalization of pancreatic function (16)

## 546. Flukes - general program

There are 23 species of pathogenic flukes for humans. All flukes are biohelminths, and their development occurs with a change of hosts. The first intermediate host is mollusks, the second is crustaceans - fish, and the third is humans and other mammals that eat infected meat.

**Main session:** 1 x 15 minutes, every day for 7 days.

**Additional session:** 1 x 15 minutes *Detoxification in a parasitic infections (406)* (section Symptoms);

1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology).

**Repeat the Session Cycle:** in 7 days.

**Complementary programs:**

- Intoxication by removing toxins (410)
- Normalization of liver function (15)
- Normalization of pancreatic function (16)

## 547. Anisakis

The Anisakid infection occurs when eating raw or undercooked sea fish. The main clinical symptoms are related to gastrointestinal dysfunction: acute abdominal pain, nausea, vomiting, and allergic reactions.

**Main session:** 1 x 15 minutes, every day for 7-10 days.

**Additional session:** 1 x 15 minutes *Detoxification - general program (397)* (section Symptoms);  
1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology).

**Repeat the Session Cycle:** in 7 days.

**Complementary programs:**

- Intoxication by removing toxins (410)
- Stomach ache (368)
- Cramps (spasm) – general program (393)
- Nausea (440)
- Normalization of liver function (15)
- Normalization of pancreatic function (16)
- Headache - general program (388)

## 548. *Ancylostoma*

These are small worms with a bright pink color and a size of 1-2 cm. The reservoir and source of infection is an infected person. The infection is transmitted by the fecal-oral route and through contact.

The harmful effect is determined by the toxic-allergic component and the loss of blood (one hookworm absorbs 0.15-0.3 ml of blood per day), and there is also the development of diarrheal syndrome with severe abdominal pain and other gastrointestinal symptoms. Later, iron-deficiency anemia develops due to chronic intestinal bleeding.

The incubation period is on average 40-60 days. Hookworm infection has two phases: acute (allergic symptoms and pulmonary syndrome) and chronic (vomiting, nausea, upper abdominal pain, bloating, edema, weight loss). The duodenal hookworm parasitizes in the human intestine for 5-8 years, while *Necator americanus* - up to 15 years.

**Main session:** 1 x 15 minutes, every day for 14 days.

**Additional session:** 1 x 15 minutes *Detoxification in a parasitic infections (406)* (section Symptoms)  
1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);  
1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology).

**Repeating the course of the session:** in 10 days.

**Complementary programs:**

- Intoxication by removing toxins (410)
- Asthma-like syndrome (294)
- Normalization of liver function (293)
- Diarrhea (419)
- Stomach ache (368)

- Cramps (spasm) – general program (393)
- Normalization of hemoglobin production (50)

## 549. Human roundworm - larvae

The preventive program is used between the main session „Human Ascaris - general program” (550). This program is milder than the „Ascaris human - general program (550)”, therefore it is recommended for children under 6 years old.

**Main session:** 1 x 15 minutes, every day for 10 days.

**Additional session:** 1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology).

### Complementary programs:

- Intoxication by removing toxins (410)
- Detoxification in a parasitic infections (406)

## 550. Ascaris human - general program

Ascaris has a white-pink color and a length of 15-40 cm. The lifespan of the roundworm can reach 12-150 months. The only source of *Ascaris lumbricoides* is an infected person. The mechanism of transmission is fecal-oral (food, water, or household items).

The initial phase of ascariasis is characterized by a lung syndrome: coughing up sputum, shortness of breath, chest pain, asthma attacks, followed by an intestinal syndrome - loss of appetite, nausea, abdominal pain, headaches, decreased attention and performance.

In the case of prolonged reinfections in children, exhaustion may occur.

**Main session:** 1 x 15 minutes, every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Detoxification in a parasitic infections (406)* (section Symptoms)

1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);

1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology).

**Repeating the course of the session:** in 10 days.

### Complementary programs:

- Intoxication by removing toxins (410)
- Asthma-like syndrome (294)
- Normalization of liver function (15)
- Normalization of pancreatic function (16)
- Diarrhea (419)
- Cramps (spasm) – general program (393)
- Headache - general program (388)
- Improving the appetite (412)

## 551. Whipworm

Whipworm, a roundworm, measuring 3-5 cm in length, with a white or reddish color, is the causative agent of trichuriasis. The parasite's viability in the human body is up to 5 years. The reservoir and source of infection is an infected individual. The transmission mechanism is fecal-oral, carried out through food, water, contact, and household transmission routes. The seasonality is in the spring-summer. The disease mainly affects children aged 1 to 14 years old. The incubation period lasts 1-1.5 months. In the case of massive invasion, nausea, loss of appetite, vomiting, appendicitis-like syndrome, weight loss, irritability, sleep disturbances, colitis, and anemia may be observed.

**Main session:** 1 x 15 minutes, every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Detoxification in a parasitic infections (406)* (section Symptoms)

1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);

1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology).

**Repeat the Session Cycle:** in 10-14 days

**Complementary programs:**

- Intoxication by removing toxins (410)
- Nausea (440)
- Vomiting (439)
- Cramps (spasm) – general program (393)
- Normalization of liver function (15)
- Headache - general program (388)
- Improving the appetite (412)
- Irritability reduction program (579)

## 552. Capillaria

The pathogen causes intestinal capillariasis. The transmission mechanism is fecal-oral, and the transmission route is through food. Human infection occurs when the parasite larvae are swallowed during the consumption of small raw freshwater fish. In the human body, the worms penetrate the mucous membrane of the small intestine, where they parasitize for a long time. The incubation period lasts longer than a month. Most often, the disease is asymptomatic. In case of an intensive invasion, the disease is characterized by severe diarrhea, abdominal pain, and vomiting. The stool in such cases is copious, thin, and can occur up to 5-10 times a day. Diarrhea can worsen and lead to exhaustion of the body.



**Main session:** 1 x 15 minutes, every day for 14 days.

**Additional session:** 1 x 15 minutes *Intoxication by removing toxins (410)* (section Symptoms);  
1 x 15 minutes *Diarrhea (419)* (section Symptoms);  
1 x 15 minutes *Malabsorption syndrome (37)* (section Nosology).

**Repeating the course of the session:** in 10 days.

**Complementary programs:**

- Normalization of gastrointestinal function (12)
- Nausea (440)
- Vomiting (439)
- Cramps (spasm) – general program (393)
- Reconstruction of capillaries / capillaries (595)
- Normalization of liver function (15)
- Headache - general program (388)

## 553. Intestinal nematode

This is a threadworm, which is a representative of roundworms. It most commonly parasitizes in the duodenum. The parasite enters the body by drinking contaminated water or bathing in it; contact with soil; consuming unwashed fruits or vegetables. Clinically, the infection manifests as abdominal pain, anal itching, bloating; vomiting, nausea, alternating with constipation and diarrhea; deterioration of appetite, allergic reaction in the form of a pink-red skin rash.

**Main session:** 1 x 15 minutes, every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Detoxification in a parasitic infections (406)* (section Symptoms)  
1 x 15 minutes *Abdominal pain (67)* (section Symptoms);  
1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology).

**Repeat the Session Cycle:** in 10-14 days

**Complementary programs:**

- Nausea (440)
- Vomiting (439)
- Cramps (spasm) – general program (393)
- Meteorism, abdominal distension (427)
- Allergic dermatitis - urticaria (5)
- Normalization of liver function (15)

## 554. Chinese flukes (*Clonorchis sinensis*)

It causes clonorchiasis, similar to the clinical symptoms of flukes. People become infected by eating

raw, undercooked, dried, salted, or pickled freshwater fish, or occasionally freshwater shrimp. Mild infection is usually asymptomatic; symptoms typically occur in patients with a greater number of parasitic worms and a longer duration of infection. In the acute phase of the disease, fever, chills, abdominal pain, enlarged liver, tenderness on palpation, mild jaundice, and eosinophilia appear. Diarrhea may occur later. Symptoms typically last 2 to 4 weeks.

**Main session:** 1 x 15 minutes, every day for 14 days.

**Additional session:** 1 x 15 minutes *Detoxification in a parasitic infections (406)* (section Symptoms)

1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology).

**Repeat the Session Cycle:** if necessary za 10 days.

**Complementary programs:**

- Abdominal pain (367)
- Normalization of liver function (15)
- Normalization of pancreatic function (16)
- Chronic cholecystitis (42)
- Chronic pancreatitis (33)
- Chronic gastritis type B - bacterial (19)

## 555. Large moth (*Diphyllobothrium latum*) (*Diphyllobothrium latum*)

The tapeworm parasitizes in the small intestine, causing diphyllobothriasis. The parasite is broad, parasitizing in the human body, reaching a length of 2 to 10 m. It enters the body when eating infected fish that has not been subjected to heat treatment. Among freshwater fish, predatory fish (pike, perch) play the biggest role in human infection with diphyllobothriasis. Among different groups of people, fishermen, members of their families, and employees of fish processing plants are the most affected.

Invasion causes catarrhal inflammation of the mucous membrane of the small intestine and other organs, allergic reactions. In some patients, anemia develops, which is caused by a lack of vitamin B12 and folic acid. In a significant number of patients, diphyllobothriasis is asymptomatic. In clear cases, nausea, abdominal pain, digestive disorders, general weakness, decreased work capacity can be observed, sometimes skin rashes; seizures can occur.

**Main session:** 1 x 15 minutes, every day for 10 days.

**Additional session:** 1 x 15 minutes *Detoxification in a parasitic infections (406)* (section Symptoms)

1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology).

**Repeating the course of the session:** 2-3 times with an interval of 5-7 days.

**Complementary programs:**

- Abdominal pain (367)
- Nausea (440)

- Regeneration of the mucosa (613)
- Chronic diseases - general program (620)
- Normalization of erythropoiesis

## 556. Metagonimus

Metagonimus yokogawai fluke is the causative agent of metagonimiasis. Human worms are located in the small intestine. Introduced into the mucous membrane, they cause atrophy of the intestinal epithelium, inflammatory processes, which lead to indigestion, debilitating diarrhea, and anemia.

**Main session:** 1 x 15 minutes, every day for 10 days.

**Additional session:** 1 x 15 minutes *Detoxification in a parasitic infections (406)* (section Symptoms)

1 x 15 minutes *Diarrhea (419)* (section Symptoms);

1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology).

**Repeating the course of the session:** 2-3 times with an interval of 5-7 days.

### Complementary programs:

- Abdominal pain (367)
- Nausea (440)
- Regeneration of the mucosa (613)
- Chronic diseases - general program (620)
- Enteritis (24)

## 557. Onchocerciasis - River blindness (*Onchocerca volvulus*)

*Onchocerca* is the causative agent of onchocerciasis (river blindness). The main host is humans, and the intermediate host and vector are flies of the genus *Simulium*. Onchocerciasis is an infection that causes mechanical damage to the skin and lymphatic vessels. Characteristic symptoms of onchocerciasis (itching, inflammation, ulcers) lead to skin discoloration - which becomes thin and disappears. After smoothing, the skin is covered with wrinkles (like an orange peel). Progressive skin thickening with loss of elasticity is observed. Externally, these changes turn young patients into older individuals. Nodes containing mature onchocerci form under the skin. It should be remembered that the infection causes eye disease, which leads to impaired vision, and sometimes to blindness. Intense itching may be the only symptom in infected individuals.

**Main session:** 1 x 15 minutes, every day for 21 days.

**Additional session:** 1 x 15 minutes *Detoxification in a parasitic infections (406)* (section Symptoms)

1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);

1 x 15 minutes *Itchy skin (421)* (section Symptoms).

**Repeating the course of the session:** in 10 days.

**Complementary programs:**

- Normalisation of Lymphatic System Flows (155)
- Eyes - inflammation (252)
- Allergic dermatitis - urticaria (5)
- Renewal of skin cells (78)

**558. Opisthorchis** (*Opisthorchis felineus*, *Opisthorchis viverrini*)

The program focuses on the *Opisthorchis felineus* and *Opisthorchis viverrini* flukes. The larvae of the flukes die if the fish is cooked - 15 minutes after the start of cooking, after salting the fish for 10 days. Hot smoking destroys the larvae, cold smoking does not, frozen larvae die within 72 hours. Infected fish are the source of infection. The transmission mechanism is fecal-oral, and the route of transmission is food. The ease of infection is high. The incubation period is 2-4 weeks.

The flukes parasitize the liver ducts, gallbladder, and pancreatic ducts.

Invasion is manifested by damage to the walls of the bile ducts, their blockage, fibrosis of the liver and pancreas. *Opisthorchis* has a toxic-allergic effect and stimulates oncogenesis.

**Main session:** 1 x 15 minutes, every day for 14 days.

**Additional session:** 1 x 15 minutes *Detoxification in a parasitic infections* (406) (section Symptoms)

1 x 15 minutes *Normalization of gastrointestinal function* (12) (section Nosology).

**Repeating the course of the session:** in 10 days.

**Complementary programs:**

- Intoxication by removing toxins (410)
- Normalization of liver function (15)
- Normalization of pancreatic function (16)
- Chronic cholecystitis (42)
- Chronic pancreatitis (33)
- Chronic gastritis type B - bacterial (19)

**559. Pinworms** (*Enterobius vermicularis*)

Enterobiasis is ubiquitous. In countries with a temperate climate, the incidence is higher than in the tropics. Pinworm is a small, white nematode with a striated cuticle ranging from 3 mm to 10 mm in length. The only source of infection is a person with enterobiasis. The transmission mechanism is fecal-oral and is realized through contact with household articles, contaminated hands, underwear, bedding, personal and everyday items. Pathological changes in the body are associated with mechanical irritation of the intestinal mucosa, toxicity, and allergies.

The incubation period is 2-4 weeks. Clinically, the invasion is characterized by 24-hour perianal itching, sleep disturbances, loss of appetite, neurasthenia, inflammation of the vulva and vagina,

periodontal inflammation, and complications such as appendicitis and salpingitis. The program is carried out with strict adherence to personal hygiene principles.

**Main session:** 1 x 15 minutes, 2 times a day for 5-10 days.

**Additional session:** 1 x 15 minutes *Detoxification in a parasitic infections (406)* (section Symptoms)

1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology).

**Repeating the course of the session:** 2-3 times with an interval of 2 weeks.

**Complementary programs:**

- Intoxication by removing toxins (410)
- Normalization of liver function (15)
- Sleep regulation - insomnia (287)
- Cramps (spasm) – general program (393)
- Improving the appetite (412)

## 560. *Paragonimus westermani* (*Paragonimus westermani*)

Paragonimosis is an invasion of the lung fluke *Paragonimus westermani* and related species. A person becomes infected by eating raw, pickled or undercooked freshwater crustaceans. Symptoms include chronic cough, chest pain, shortness of breath and hemoptysis, diarrhea, abdominal pain, fever, cough, and hives.

**Main session:** 1 x 15 minutes, every day for 7-10 days.

**Additional session:** 1 x 15 minutes *Detoxification in a parasitic infections (406)* (section Symptoms)

1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology).

**Repeat the Session Cycle:** in 7 days.

**Complementary programs:**

- Diarrhea (419)
- Allergic dermatitis - urticaria (5)
- Cough - general program (424)
- Intoxication by removing toxins (410)
- Normalization of liver function (15)

## 561. *Hepatic moth* (*Fasciola hepatica*)

This is a description of a parasite known as the „liver fluke” (*Fasciola hepatica*). It is a leaf-shaped trematode that can grow up to 20-30 mm in length and 8-12 mm in width. The transmission mechanism is fecal-oral, through contaminated food and water sources. The incubation period ranges from 1 to 8 weeks. Clinical symptoms of the acute phase include fever (39-40°C), gastrointestinal symptoms, and allergic reactions. In the chronic phase, it can cause inflammation

of the pancreas, acute cholecystitis, persistent diarrhea, weight loss, and anemia. If it locates in the brain, it may cause headaches and seizures, while in the eyes, it can lead to decreased visual acuity. In the lungs, it can cause coughing and hemoptysis.

**Main session:** 1 x 15 minutes, every day for 7-14 days.

**Additional session:** 1 x 15 minutes *Detoxification in a parasitic infections (406)* (section Symptoms)

1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology).

**Repeat the Session Cycle:** in 7-10 days.

**Complementary programs:**

- Diarrhea (419)
- Intoxication by removing toxins (410)
- Normalization of liver function (15)
- Normalization of pancreatic function (16)
- Chronic cholecystitis (42)
- Chronic pancreatitis (33)

## 562. *Trichina* (*Trichinella spiralis*, *Trichinella pseudospiralis*)

Adult *Trichinella* live in the folds of the mucous membrane of the duodenum and small intestine in humans, and give birth to larvae 70-80 hours after infection. A female *Trichinella* can give birth to up to 2000 larvae in a month and a half, which are carried by blood and lymph to muscle tissue, the brain, heart muscle, and lungs, where they gradually coil into a spiral and settle to live for many years. A person becomes infected by eating raw or undercooked meat from infected animals, usually pigs. *Trichinella* can be stored at -12°C for up to 2 months, at -15°C for 20 days, and in salted ham for over 1 year.

Within a week of infection, spastic abdominal pain and diarrhea may occur. 1-2 weeks after infection, systemic symptoms appear, including swelling, muscle pain, persistent fever, and headache.

**Main session:** 1 x 15 minutes, once a day for 7-14 days.

**Additional session:** 1 x 15 minutes *Detoxification in a parasitic infections (406)* (section Symptoms);

1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms);

**Repeat the Session Cycle:** in 14 days.

**Complementary programs:**

- Abdominal pain (367)
- Cramps (spasm) – general program (393)
- Diarrhea (419)
- Headache - general program (388)
- Intoxication by removing toxins (410)
- Normalization of gastrointestinal function (12)

### 563. Filaria - general program (Filariidae)

general program for family members of Filariasis. Adult filarial nematodes live in the lymphatic or subcutaneous tissues. Pregnant females produce live offspring (microfilariae), which circulate in the blood or migrate through tissues. After ingestion by appropriate insects (mosquitoes and other two-winged plants), microfilariae develop into invasive larvae, which penetrate the skin of the next host during insect bites. The parasite causes filariasis. Subcutaneous filariasis includes loiasis caused by *Loa loa*; onchocerciasis caused by *Onchocerca volvulus*.

Lymphatic filariasis includes elephantiasis and brugian filariasis caused by *Wuchereria bancrofti*, *Brugia malayi*, and *B. timori*.

Other types of filariasis include heartworms caused by *Dirofilaria immitis*, heartworms with larvae that spread to the lungs or rarely to the eyes, brain, or testes.

**Main session:** 1 x 15 minutes, every day for 7-10 days.

**Additional session:** 1 x 15 minutes *Detoxification in a parasitic infections (406)* (section Symptoms)  
1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms).

**Repeat the Session Cycle:** in 7 days.

**Complementary programs:**

- Normalization of the immune system (1)
- Allergic problems - general program (2)
- Cramps (spasm) – general program (393)

### 564. Unarmed tapeworm

This can reach a length of 4-12 meters. The source of infection is beef (tartare), and the mechanism of transmission is fecal-oral (through the digestive system). The period of infection in humans occurs 2-4 months after infection and can last longer than 10 years. Tapeworm infection is characterized by weakness, loss of appetite, nausea, vomiting, intermittent abdominal pain without clear localization, anemia, and weight loss.

**Main session:** 1 x 15 minutes, once a day for 14 days.

**Additional session:** 1 x 15 minutes *Detoxification in a parasitic infections (406)* (section Symptoms)  
1 x 15 minutes *Intoxication by removing toxins (410)* (section Symptoms);  
1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology).

**Repeating the course of the session:** 2-3 times with an interval of 5-7 days.

**Complementary programs:**

- Abdominal pain (367)
- Cramps (spasm) – general program (393)
- Diarrhea (419)

- Headache - general program (388)
- Allergic problems - general program (2)
- Normalization of liver function (15)
- Normalization of pancreatic function (16)

### 565. Dwarf tapeworm (*Hymenolepis nana*)

The parasite causes hymenolepiasis, which is clinically characterized mainly by symptoms of damage to the digestive system. Infection occurs fecal-oral, often due to poor hygiene practices, for example, as a result of negligence. Children are 4-5 times more susceptible than adults. This is due to age and lack of necessary hygiene skills.

Hymenolepiasis causes dyspeptic disorders - the development of ulcers, enteritis; adverse reactions from the central nervous system. The following symptoms appear in those infected: general malaise or weakness; increased fatigue and impaired memory; change in appetite and weight loss; heartburn and frequent belching; nausea with vomiting; severe abdominal pain, among others.

**Main session:** 1 x 15 minutes, every day for 5 days.

**Additional session:** 1 x 15 minutes *Detoxification in a parasitic infections (406)* (section Symptoms)  
1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology).

**Repeating the course of the session:** 2-3 times with an interval of 5-7 days.

**Complementary programs:**

- Abdominal pain (367)
- Cramps (spasm) - general program (393)
- Fatigue - general program (443)
- Attention program (575)

### 566. Armed tapeworm (*Taenia solium*)

It can reach a length of 2-4 meters. Humans are the definitive host if they consume infected meat. The pathological processes are caused by the mechanical action of the parasite, which damages the intestinal mucosa. Symptoms include nausea, vomiting, and diarrhea.

**Main session:** 1 x 15 minutes, every day for 14 days.

**Additional session:** 1 x 15 minutes *Detoxification in a parasitic infections (406)* (section Symptoms)  
1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology).

**Repeating the course of the session:** 2-3 times with an interval of 5-7 days.

**Complementary programs:**

- Abdominal pain (367)
- Cramps (spasm) - general program (393)



- Diarrhea (419)
- Headache - general program (388)
- Normalization of liver function (15)
- Regeneration of the mucosa (613)

## 567. Canine tapeworm (Dipylidium caninum)

The tapeworm is usually a parasite of dogs. A person becomes infected by accidentally ingesting larvae of dog fleas, which are the intermediate host. In humans, the parasite resides in the small intestine, causing dipylidiasis.

**Main session:** 1 x 15 minutes, every day for 10-14 days.

**Additional session:** 1 x 15 minutes *Detoxification in a parasitic infections (406)* (section Symptoms)  
1 x 15 minutes *Normalization of gastrointestinal function (12)* (section Nosology).

**Repeat Session Flow:** periodically, but with an interval of at least 10 days.

### Complementary programs:

- Abdominal pain (367)
- Cramps (spasm) – general program (393)
- Heartburn - Reflux (34)
- Enteritis (24)

## 568. Schistosoma - general program

*Schistosoma hematobium*, *Schistosoma mansoni*, *Schistosoma japonicum*.

general program for *Schistosoma* flatworms that cause schistosomiasis. The flatworms enter the body through the skin in contact with freshwater that contains the cercariae of these parasites. INFECTIOUS AGENTS affect the digestive and urogenital system. Acute symptoms include skin inflammation, fever, chills, nausea, abdominal pain, diarrhea, malaise, and muscle aches, which later develop over several weeks. Chronic symptoms depend on the species of parasite, but usually include bloody diarrhea (e.g., *S. mansoni* and *S. japonicum*) or hematuria (e.g., *S. haematobium*). Schistosomes stimulate oncogenesis. Neurological complications may occur even in mild forms of *Schistosoma* invasion.

**Main session:** 1 x 15 minutes, every day for 14 days.

**Additional session:** 1 x 15 minutes *Detoxification in a parasitic infections (406)* (section Symptoms)  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

**Repeat the Session Cycle:** 2-3 times with breaks for 7 days.

### Complementary programs:

- Normalization of the immune system (1)

- Normalisation of Lymphatic System Flows (155)
- Urinary tract infections (330)
- Epilepsy syndrome (211)
- Normalization of gastrointestinal function (12)
- Diarrhea (419)
- Regeneration of the mucosa (613)

### 569. **Bloody moth** (*Schistosoma hematobium*)

Schistosomiasis of the blood causes ulceration of the bladder wall, which can lead to dysuria, hematuria, and urinary incontinence. Over time, chronic inflammation of the bladder (chronic cystitis) develops. Narrowing of the urethra can lead to hydronephrosis. Papillomatous tumors in the bladder are common and can lead to squamous cell carcinoma of the bladder. In the human body, this parasite can live up to 40 years. *S. haematobium* can also cause genital organ diseases in both men and women, causing numerous symptoms, including infertility.

**Main session:** 1 x 15 minutes, every day for 14 days.

**Additional session:** 1 x 15 minutes *Detoxification in a parasitic infections (406)* (section Symptoms)  
1 x 15 minutes *Urinary tract infections (330)* (section Nosology);  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

**Repeat the Session Cycle:** in 7 days.

**Complementary programs:**

- Normalisation of Lymphatic System Flows (155)
- Normalization of the immune system (1)
- Male infertility - general program (325)
- Infertility - general program (55)
- Urinary incontinence (332)

### 570. **Venous flukes** (*Schistosoma mansoni*)

*Schistosoma mansoni* causes intestinal schistosomiasis. In the early stages, ulcers develop on the intestinal mucosa, which can bleed and cause bloody diarrhea. As the changes in the intestines progress, the liver may develop fibrosis.

**Main session:** 1 x 15 minutes, every day for 14 days.

**Additional session:** 1 x 15 minutes *Detoxification in a parasitic infections (406)* (section Symptoms)  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

**Repeat the Session Cycle:** in 7 days.

**Complementary programs:**

- Normalisation of Lymphatic System Flows (155)
- Normalization of the immune system (1)
- Normalization of gastrointestinal function (12)
- Normalization of liver function (15)
- Diarrhea (419)
- Regeneration of the mucosa (613)

## 571. Echinococcal tapeworm (Echinococcus granulosus)

Echinococcus - the most common species is the unilocular echinococcus - a tapeworm of the genus Echinococcus, measuring 5-8 mm in length and consisting of 3-4 segments. The last segment is the largest and contains up to 800 eggs. Cystic echinococcosis develops when tapeworm eggs are ingested, from which larvae are released and migrate to the liver or lungs, rarely to other organs, where cysts form. Adult worms do not occur in the human digestive tract. Cysts develop slowly, usually over many years. In the liver, cysts are accompanied by pain and sometimes jaundice; in the lungs, they can cause pain, cough, and hemoptysis. Therapy differs depending on the characteristics of the parasite, the size of the cyst, its location, and complications. Surgery is often required for treatment.

A program designed for complex therapy of cystic echinococcosis.

**Main session:** 1 x 15 minutes 2 times a day for 14 days, then 1 x 15 minutes every day do 60 days.  
**Additional session:** 1 x 15 minutes *Detoxification in a parasitic infections (406)* (section Symptoms)  
 1 x 15 minutes *Intoxication by removing toxins (410)* (section Symptoms);  
 1 x 15 minutes *Normalization of liver function (15)* (section Symptoms);

**Repeat the Session Cycle:** if necessary within 14 days.

### Complementary programs:

- Acute pain (380)
- Abdominal pain (367)
- Cramps (spasm) – general program (393)
- Normalization of the immune system (1)
- Jaundice (25)
- Normalization of lung function (293)
- Inflammatory process - general program (593)
- General regeneration - recovery (596)

## 572. Toxocariasis (Toxocara canis, Toxocara mystax)

Toxocarosis in humans is caused by the larvae of the dog roundworm *Toxocara canis*, and recently by the larvae of the cat roundworm *Toxocara cati* (*mystax*). Humans are an unspecific host

in the case of toxocara infection, with the development of the invasion in this organism being limited only to the larval stage. An infected person should not pose an epidemiological problem. The transmission mechanism is fecal-oral, through the ingestion of contaminated food. It usually occurs during the summer-autumn season.

Clinical symptoms depend on the size of the invasion and the location of the process in the body, with inflammatory respiratory processes, damage to the gastrointestinal tract, central nervous system, and eyes being common.

**Main session:** 1 x 15 minutes 1 once a day, for 10-14 days.

**Additional session:** 1 x 15 minutes: *Detoxification in a parasitic infections (406)* (Symptoms section); 1 x 15 minutes: *Inflammatory process - general program (593)* (section PEMF - therapy).

**Repeating the course of the session:** after 14 days.

**Complementary programs:**

- Intoxication by removing toxins (410),
- Normalization of gastrointestinal function (12),
- Normalization of liver function (15),
- Normalization of nervous system functions (184).

# XI. PEMF

The purpose of PEMF therapy is to stimulate and train cells to eliminate cell dysfunction and maintain overall well-being. The programs in this section have a health-promoting character and are part of rehabilitation complexes that can be used on long courses or on a daily basis.

Dedicated device elements for this department:	
Contact:	Non-contact:
-	1. Induction loop or internal inductor
-	2. Induction mat

## 573. Schumann resonances

The program aims to synchronize biological rhythms. It is recommended for people exposed to high workload and stress.

**Main session:** 1 x 15 minutes a day, once a day.

## 574. Vigor and energy program

The program aims to help individuals recover quickly after mental and physical exertion and focus on positive thinking. The program has no contraindications.

**Main session:** 1 x 15 minutes, scheduled every day, anytime.

## 575. Attention program

The program aims to improve the ability to focus on a specific action (practical or mental) and to deeply understand its essence. It is used in cases where it is necessary to get rid of obsessive thoughts or during periods of intensive training, work, or before competitions for athletes. The program has no contraindications.

**Main session:** 1 x 15 minutes, 1-2 times a day.

## 576. Learning program

The program synchronizes brain rhythms and reduces stress. It is recommended for people with poor learning ability and concentration disorders.

**Main session:** 1 x 15 minutes, if it is necessary.

**Additional session:** 1 x 15 minutes *Attention program (575)* (section PEMF).

## 577. Rest program

The program is used for deep internal relaxation and stabilization of the immune system. It is used for neurocirculatory dystonia, nervousness, psychosomatic complaints related to the heart and circulatory system, and in stressful situations. The program has no contraindications.

**Main session:** 2 x 15 minutes, scheduled every day for a long time.

**Location of gel electrodes for the main session:** No 1, 2 or 14.

## 578. Aggression and anger reduction program

The program aims to reduce tension and impulsivity in people prone to aggressive behavior. It is better to use the program as a preventive measure.

**Main session:** 2 x 15 minutes, scheduled every day for a long time.

## 579. Irritability reduction program

The program is used in case of increased nervousness, excessive excitement for no reason.

**Main session:** 2 x 15 minutes, scheduled every day for a long time.

**Location of gel electrodes for the main session:** No 1, 2 or 14.

## 580. Mood Improvement Program

The program is most commonly used for mild depression, helping to stabilize mood in the absence of instability (i.e. changes between mild depression and mild euphoria). It is recommended during convalescence, during periods of stress, and for older people.

**Main session:** 1 x 15 minutes, scheduled every day for a long time.

**Location of gel electrodes for the main session:** No 1, 2 or 14.

## 581. Emotional harmony program

This program helps stabilize mental and emotional health. The program has no contraindications.

**Main session:** 1 x 15 minutes, scheduled every day for a long time.

**Location of gel electrodes for the main session:** No 2 or 14.

## 582. Development of intellectual abilities

The human intellect has a rather complex internal structure and involves interdependent improvement of all types of thinking, as well as mental operations, skills, and abilities. Both innate factors and the environment influence the development of intellectual abilities.

This program helps to develop the cognitive abilities of the brain, including attention, thinking, perception, and others. Sessions should be comprehensive and regular.

**Main session:** 1 x 15 minutes, scheduled every day for a long time.

**Additional session:** 1 x 15 minutes *Attention program (575)* (section PEMF).

1 x 15 minutes *Emotional harmony program (581)* (section PEMF - therapy).

**Location of gel electrodes for the main and additional sessions:** No 1 or 2.

## 583. Memory development

The program helps create a positive emotional background, reducing stress and allowing you to focus on storing new information.

**Main session:** 1 x 15 minutes, determined if necessary, for example during intense training.

Duration up to 10-14 days.

**Location of gel electrodes for the main session:** No 1.

## 584. Brain rhythms: Alpha rhythm

The program is used according to the indications in the case of a lack of compliance of the rhythm with EEG. Stimulating the brain with alpha rhythms allows to achieve a stable working state, reduce stress and anxiety, and balance the emotional state. Negative effects of excessive alpha rhythm stimulation include loss of concentration, lack of visual clarity, increased sensitivity, etc.

**Main session:** 1 x 15 minutes, applied if necessary.

## 585. Brain Rhythms: Beta Rhythm

The program is used as indicated in the case of a mismatch of the EEG rhythm.

Beta rhythm stimulation is useful in cases of general fatigue. Using this program, a person increases social activity and speeds up thinking.

Negative effects of excessive beta rhythm stimulation include muscle tension, high blood pres-

sure, paranoia, and insomnia.

**Main session:** 1 x 15 minutes, applied if necessary.

### **586. Brain Rhythms: Gamma Rhythm**

This program is prescribed according to indications in case of a lack of coherence in EEG rhythms.

**Main session:** 1 x 15 minutes, applied if necessary.

### **587. Brain Rhythms: The Delta Rhythm**

The program is prescribed according to indications in the case of EEG rhythm mismatch. It is not recommended to use the program without a prescription! The delta rhythm dominates when we fall asleep and continues to dominate in deep sleep. Delta Rhythm effects can lead to very deep sleep, such as a trance. Therefore, use the program very carefully.

**Main session:** 1 x 15 minutes, applied if necessary.

### **588. Brain Rhythms: Theta Rhythm**

The program is used according to the indications in case of a lack of consistency in EEG rhythm. It is not recommended to use the program without a prescription! Theta rhythms often accompany unexpected, fantastic mental images. Very often, these images can be accompanied by vivid memories, usually from childhood. Stimulating the theta rhythm allows the body to easily recover from significant emotional or physical stress, reduce stress and anxiety. Negative effects of excessive theta rhythm stimulation: distraction, drowsiness, or overexcitement - complete lack of self-control!

**Main session:** 1 x 15 minutes, applied if necessary.

### **589. Reduction of electrosensitivity**

This program is used in cases of hypersensitivity to electric current. It is recommended to use it before starting treatment sessions to avoid discomfort.

**Main session:** 1 x 15 minutes, applied if necessary.

### **590. Increasing electrosensitivity**

The program is used by people with reduced sensitivity to electrical current. It is recommended



to use it before starting treatment sessions to increase the effectiveness of the treatment.

**Main session:** 1 x 15 minutes, applied if necessary.

## 591. Beck frequency

The program was created to detoxify the body in the body. Sessions take place in different ways according to the scheme.

**Sesja I:** 1 x 15 minutes a day;

**Sesja II:** 1 x 15 minutes morning and evening;

**Sesja III:** 1 x 15 minutes rano, 2 x 15 minutes evening;

**Sesja IV:** 2 x 15 minutes rano, 2 x 15 minutes evening,

mnastępnie według schematu sesji IV co drugi dzień for long period do 30 days.

## 592. Schumann frequency

The program generates Schumann frequency (about 7.83 Hz), which corresponds to the frequency of the pulsation of the Earth's magnetic field and the alpha rhythm of the human brain. It has a positive effect on the regenerative processes of the body, so it is recommended for use in various body burdens such as chronic diseases, stress, emotional and physical exhaustion.

**Main session:** 1 x 15 minutes a day, once a day.

# REHABILITATION / PREVENTION

The programs in this department aim to help restore human health and are used in combination with various means to maximize the restoration of disrupted physiological functions of the body, and if this is not possible, the development of compensatory or replacement functions. Programs can be combined with conservative treatment, climatotherapy and balneotherapy, physical therapy, therapeutic nutrition, and physiotherapy.

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot)(OPTIONAL)	3. Induction loop
2. Gel electrodes	4. Induction mat

## 593. Inflammatory process - general program

The program is for general use and can be applied to all types of inflammatory conditions during the recovery period. To achieve a greater effect, it is recommended to use it together with profilled programs.

**Main session:** 2 x 15 minutes, used every day until complete recovery.

**Additional session:** 2 x 15 minutes on gel electrodes

**Location of gel electrodes for the main and additional sessions:** No 3 in respiratory diseases, No 4 in respiratory diseases, No 7 in inflammatory processes of the genital system, No 12, 13 in arthrosis, etc.)

## 594. Restoration of water-salt metabolism

Water-salt metabolism refers to a set of processes in the body related to water and electrolytes (salts), their absorption, distribution in the internal environment, and excretion. The central nervous system, through neuroreflex mechanisms, hormonal factors, and the kidneys, regulates water and salt metabolism. The kidneys are the most important organs in regulating water-salt metabolism at the organ level.

Disorders of water-salt metabolism occur in various pathological conditions of the body (such as excessive treatment with diuretic drugs, injuries, infections, etc.). The use of the program is recommended during the recovery period.

**Main session:** 1 x 15 minutes, scheduled every day for a long time.

**Additional session:** 1 x 15 minutes using gel electrodes (zone no 2)

## 595. Reconstruction of capillaries / capillaries

Capillaries are the smallest blood vessels that play a crucial role in the metabolism between the blood and tissues, as well as in microcirculation. The program is recommended for use in cases of fragility and loss of elasticity of the capillary walls in order to restore their integrity and structure. In case of injuries, the course of treatment depends on the area of the wound surface and the severity of the underlying disease.

**Main session:** 1 x 15 minutes, scheduled every day for a long time.

In the treatment of severe wounds:

**Main session:** 2 x 15 minutes, 2-3 times a day for 10 days.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);

1 x 15 minutes *Lymphatic drainage 1 (408)* (section Symptoms).

1 x 15 minutes *Cell regeneration (607)* (section PEMF);

## 596. General regeneration - recovery

The program has a general character and it is used during the period of convalescence after various diseases and pathological conditions to speed up the recovery process and improve the overall well-being.

**Main session:** 2 x 15 minutes, used every day until complete recovery.

**Additional session:** 2 x 15 minutes, zone no 1 or no 2.

## 597. Rebuilding the musculoskeletal system

The program is recommended for use during recovery after injuries and diseases of the musculoskeletal system in order to alleviate symptoms.

**Main session:** 2 x 15 minutes, scheduled every day for a long time.

**Additional session:** 1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF);

1 x 15 minutes *Improvement of mobility of the joints (228)* (section Nosology);

## 598. Regeneration after trauma - general program

The program is used for injuries, usually musculoskeletal ones, in order to accelerate healing and speed up the recovery process.

**Main session:** 2 x 15 minutes, scheduled every day for a long time.

**Additional session:** 1 x 15 minutes *Injuries, fractures, cuts - general program (220)* (section Nosology);

1 x 15 minutes *Trauma pain (382)* (section Symptoms);

## 599. Injury

Rehabilitation program that at the beginning of the treatment is used in combination with the Injury, bruise (194) program (section Nosology). Then use it as a single program daily for a long time.

**Main session:** 2 x 15 minutes Induction loop / Induction mat / Internal inductor.

**Additional session:** 2 x 15 minutes *Injury (599)* (section Nosology);

1 x 15 minutes *Nerve tissue regeneration (612)* (section PEMF);

**Location of gel electrodes for the main and additional sessions:** No 2, 3, 5 or 8.

## 600. Frostbites

This program is used in the process of rehabilitation to accelerate the regeneration of the skin in cases of frostbite.

**Main session:** 2 x 15 minutes every day, until you improve your overall health.

**Additional session:** 1 x 15 minutes *Frostbites (600)* (section Symptoms)

1 x 15 minutes *Skin regeneration (608)* (PEMF – therapy).

## 601. Burns

The program is used in the rehabilitation process to accelerate skin regeneration in cases of burns.

**Main session:** 2 x 15 minutes every day, until you improve your overall health.

**Additional session:** 1 x 15 minutes using metal electrodes *Burns – (601)* (section Symptoms);

1 x 15 minutes *Skin regeneration (608)* (PEMF – therapy).

## 602. Purification of the blood

This program is used in cases of toxic, bacterial, and viral infections, including COVID-19.

**Main session:** 1 x 15 minutes every day, until you improve your overall health.

## 603. Lymph cleansing

The program is used in case of toxic, bacterial and viral infections, including COVID-19.

**Main session:** 1 x 15 minutes every day, until you improve your overall health.

## 604. Slow health recovery

The program is used to accelerate the healing process and overall strengthening of the body in chronic diseases.

**Main session:** 1 x 15 minutes itp. every day.

**Location of gel electrodes for the main session:** no 1, 2 or 14.

## 605. Bedsores

Bedsores are areas of necrosis and ulcers that occur in places where soft tissue is compressed between bony projections and external hard surfaces. They arise as a result of constant mechanical pressure combined with friction and moisture. The severity of skin lesions ranges from a lack of a pale spot during pressure on the skin to skin rejection of full thickness with the formation of necrosis of soft tissues. The diagnosis is based on clinical data.

The program complements other therapies (pressure reduction, friction elimination, appropriate wound care). It is used in the case of bedsores, during the healing period, and in preventing their formation.

**Main session:** 2 x 15 minutes a day.

**Additional session:** 2 x 15 minutes *Skin regeneration (608)* (section PEMF);

1 x 15 minutes *Improving blood circulation (618)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** No 8, 13.

## 606. Prevention of age-related changes

The program is used to prevent age-related changes in internal organs and skin.

**Main session:** 1 x 15 minutes, every day, long period.

**Additional session:** 1 x 15 minutes *Rejuvenating program (Anti - aging) (90)* (section Nosology).

1 x 15 minutes *Age-related fatigue (444)* (section Symptoms).

## 607. Cell regeneration

General rehabilitation program. It helps to speed up and facilitate the recovery process.

**Main session:** 1 x 15 minutes, every day, do 10 days.  
**Location of gel electrodes for the main session:** No 1 or No 2.

## 608. Skin regeneration

This program is recommended for skin diseases and external skin changes. It helps in wound healing during slow disease progression and accelerates skin regeneration.

**Main session:** 2 x 15 minutes, every day, permanent.  
**Additional session:** 1 x 15 minutes *Improving blood circulation (618)* (section PEMF).  
1 x 15 minutes *Renewal of skin cells (78)* (section Nosology)

## 609. Regeneration of bone and muscle tissue

The program is used throughout the rehabilitation period after injuries, in combination with programs for the underlying condition.

**Main session:** 2 x 15 minutes, every day, permanent.  
**Additional session:** 1 x 15 minutes *Improving blood circulation (618)* (section PEMF).  
1 x 15 minutes *Injuries, fractures, cuts - general program (220)* (section Nosology)  
**Location of gel electrodes for the main and additional sessions:** no 12, 13.

## 610. Blood regeneration

It is recommended to use the program during the rehabilitation period together with the programs from the „HEMATOLOGY” section to speed up the recovery process. Especially together with the programs *Normalization of erythropoiesis (51)*, *Normalization of leukopoiesis (49)*, *Normalization of hemoglobin production (50)*, *Leukopenia (47)*.

**Main session:** 1 x 15 minutes every day, until you improve your overall health.  
**Additional session:** profile programs (section Nosology) / HEMATOLOGY).

## 611. Regeneration of lung tissue

It is recommended to use the program during rehabilitation together with programs from the „NOSOLOGY/PULMONOLOGY” section to accelerate the recovery process. It is particularly recommended to use it together with the programs: *Pneumonia (303)*, *Bronchial asthma (295)*, *Pulmonary fibrosis (306)*, *Chronic obstructive pulmonary disease (COPD) (307)*, and *Pulmonary emphysema (308)*.

**Main session:** 1 x 15 minutes every day, until you improve your overall health.  
**Additional session:** 1 x 15 minutes *Improving blood circulation (618)* (section PEMF).  
**Location of gel electrodes for the main and additional sessions:** no 4, 6.

## 612. Nerve tissue regeneration

It is recommended to use the program during the rehabilitation period in conjunction with programs from the „NOSOLOGY/NEUROLOGY” section to speed up the recovery process.

**Main session:** 1 x 15 minutes every day, until you improve your overall health.

## 613. Regeneration of the mucosa

The program is used in all diseases where the mucous membrane is damaged. Usually in dental and ENT diseases, in the recovery period from gastric and duodenal ulcers, gastric catarrh, cervical erosion and others.

**Main session:** 1 x 15 minutes every day, until you improve your overall health.  
**Additional session:** 1 x 15 minutes - profile programs (section Nosology);  
1 x 15 minutes *Inflammatory process - general program (593)* (section PEMF).

## 614. Tissue regeneration - general program

Regeneration is the process of restoring lost or damaged structures. It is inherent in all cells of the body and is a fundamental property of living organisms.

**Main session:** 1 x 15 minutes every day, until you improve your overall health.

## 615. Regeneration of cartilage and connective tissue

Together with the program - Regeneration of bone and muscle tissue (609), it is most commonly used in case of injuries.

**Main session:** 2 x 15 minutes, every day, permanent.  
**Additional session:** 1 x 15 minutes *Regeneration of bone and muscle tissue(609)* (section PEMF);  
1 x 15 minutes *Injuries, fractures, cuts - general program (220)* (section Nosology).  
**Location of gel electrodes for the main and additional sessions:** No 12, 13.

## 616. Physical, emotional or mental trauma

General program - used for injuries of various origins.

Psychological trauma or emotional trauma refers to damage or injury to the psyche after an exceptionally frightening or disturbing event, which can lead to problems with normal psychological functioning or overcoming the consequences of that event.

Physical injury refers to an injury that involves a disruption of the anatomical integrity or physiological function of organs and tissues of the human body, resulting from external influences.

**Main session:** 2 x 15 minutes every day, until you improve your overall health.

**Additional session:** 1 x 15 minutes *Acute pain (380)* (section Symptoms);

**Location of gel electrodes for the main and additional sessions:** No 2.

## 617. Improving general well-being

The program is used during the recovery period after various diseases, but most commonly after viral infections.

**Main session:** 1 x 15 minutes, every day, permanent.

## 618. Improving blood circulation

The program is used during the recovery period in hematological disorders and blood clotting disorders to accelerate the return to health and prevent new exacerbations.

**Main session:** 1 x 15 minutes, every day, permanent.

## 619. Strengthening the protective functions of the body

The program is used to prevent „seasonal” viral and bacterial diseases and to strengthen the body’s defense mechanisms. It can also be used during the acute phase of an illness to accelerate recovery.

**Main session:** 1 x 15 minutes every day, until you improve your overall health.

**Additional session:** profile programs.

**Location of gel electrodes for the main and additional sessions:** No 1 or 2, 3, 4, 14 (OPTIONAL).

## 620. Chronic diseases - general program

This program is used in chronic diseases to prevent exacerbations. To enhance the effect, it can be used together with the Slow health recovery (604) program.



**Main session:** 1 x 15 minutes, every day, permanent.

**Additional session:** profile programs.

**Location of gel electrodes for the main and additional sessions:** No 1 or 2, 14 (OPTIONAL).

## 621. The brain program

The program is used in severe neurological diseases such as spinal cord injury, acute cerebrovascular disease, Alzheimer's disease, Parkinson's disease, multiple sclerosis, Huntington's chorea, and others. The program accelerates regeneration and alleviates side effects.

**Main session:** 2 x 15 minutes, every day, permanent.

**Additional session:** profile programs.

**Location of gel electrodes for the main and additional sessions:** No 1 or 2, 5, 12, 14 (OPTIONAL).

# SPORTS MEDICINE

The programs in this section aim to improve adaptation to increase the training load for athletes, as well as to prevent and support conditions that may occur during strenuous exercise and sports.

Dedicated device elements for this department:	
Contact:	Non-contact:
1. Metal electrodes (hand, foot) - OPTIONAL	2. Induction loop or internal induction
2. Gel electrodes	3. Induction mat

## 622. Sports program - general

The program allows for simultaneous relaxation and toning of the human body. It also contributes to a state of focus and readiness before a test of strength and abilities. The program has no contraindications and can be used daily if needed.

**Main session:** 1 x 15 minutes.

**Location of gel electrodes for the main session:** no 2.

## 623. Muscle regeneration after training

During intense physical activity, the muscular system experiences biochemical stress, which results in delayed onset muscle soreness. This is caused by muscle fiber damage, accumulation of lactic acid and its metabolites. If muscle fibers are overloaded, micro-damage can turn into sports injuries. The program allows for a quick return of the body to normal physical condition, which enables the athlete to engage in full training.

**Main session:** 1 x 15 minutes, 2-3 times a day for improvement or every day after each workout.

**Additional session:** 1 x 15 minutes *Normalization of muscle tone (628)* (section PEMF);

1 x 15 minutes *Cramps (spasm) - general program (393)* (section Symptoms).

**Location of gel electrodes for the main and additional sessions:** no 2, 12, 13.

## 624. Restoration of joint mobility - sport

Professional athletes have an increased risk of joint injuries and degenerative joint disease. Additionally, people who have had various joint diseases in the past, severe joint injuries, joint surgeries, various abnormalities in their development, and other characteristics, have an increased risk of joint damage during exercise.

This program aims to improve joint mobility during high loads, after various pathological conditions. It can be used as a prophylaxis for degenerative joint disease in athletes.

**Main session:** 1 x 15 minutes, every day, long period.

**Additional session:** 1 x 15 minutes *Joint pain (374)* (section Symptoms)

**Location of gel electrodes for the main and additional sessions:** no 3,12,13 - locally in the pain area.

## 625. Recovery

The program helps to regenerate faster after training or competitions, prevents the accumulation of fatigue, which can cause a decrease in athletic performance.

**Main session:** 2 x 15 minutes.

**Location of gel electrodes for the main session:** no 2.

## 626. Restoration of the body's energy resources

The program allows for quick re-energization of the body. Using the program after competitions can yield good results for athletes. The program can be used daily.

**Main session:** 1 x 15 minutes.

**Location of gel electrodes for the main session:** no 2.

## 627. Mobilizing the athlete's strength

Mobilization of an athlete is a state in which the body concentrates its internal abilities and reserves to perform an important task. This is particularly important in cyclic endurance sports, where due to the state of constant stress, there may be a depletion of the functional capabilities of the body. This program can be used before competitions to focus the athlete's attention or after training to accelerate recovery.

**Main session:** 1 x 15 minutes.

**Location of gel electrodes for the main session:** no 2.

## 628. Normalization of muscle tone

The program aims to improve muscle tone in athletes. It is used during rehabilitation after prolonged muscle immobilization. The program has no contraindications.

**Main session:** 2 x 15 minutes, every day, long period.

**Additional session:** 1 x 15 minutes *Neuromuscular diseases - general program (203)* (section Nosology).

**Location of gel electrodes for the main and additional sessions:** no 2, 14.

## 629. Relax - short program

The recreational program aims to provide a „short relaxation” for people who perform work associated with high stress. The program ends with a frequency that increases energy, which prepares the user to return to work. The program can be used multiple times throughout the day. It is particularly recommended for athletes during the period of intense preparation for competitions.

**Main session:** 1 x 15 minutes, every day, long period.

**Location of gel electrodes for the main session:** no 2.

## 630. Relief of muscle tension

The muscle tension accumulated throughout the day can cause painful sensations in the neck, back, legs, and can also trigger headaches. Muscles that are constantly in a state of tension do not allow the body to relax, disrupt productive rest, and healthy sleep. This program is designed to relieve muscle tension. There are no contraindications, it can be used daily.

**Main session:** 1 x 15 minutes.

**Additional session:** 1 x 15 minutes *Cramps (spasm) - general program (393)* (section Symptoms);  
1 x 15 minutes *Cervical migraine ( Cervicogenic Headache) (385)* (section Symptoms).

**Location of gel electrodes for the main and additional sessions:** no 3, 5, 12,13.

## 631. Relief of back muscle tension

The program is used to relieve tension in the back muscles when full arm movements or head twists are impossible. It relieves back pain.

**Main session:** 1 x 15 minutes.

**Additional session:** 1 x 15 minutes *Cramps (spasm) - general program (393)* (section Symptoms);  
1 x 15 minutes *Cervical migraine ( Cervicogenic Headache) (385)* (section Symptoms);  
1 x 15 minutes *Back pain (372)* (section Symptoms);

**Location of gel electrodes for the main and additional sessions:** no 3, 5.

## 632. Resistance to stress

Stress is a general response of the body to extreme external or internal factors. Stress as a state is a product of the athlete's consciousness, his way of thinking and evaluating the situation, his training and his desire to regulate his behavior in extreme conditions of competition. Complex psychological traits are closely related to the level of sports performance, such as various manifestations of will, athlete's resistance to stressful situations during training, especially high-performance activities, and others. Therefore, stress resistance is one of the main characteristics that allow for better sports results.

This program aims to provide comprehensive support for athletes with high psychological stress during competitions. It can be used both before and after competitions or intense training for faster recovery.

**Main session:** 1 x 15 minutes.

**Additional session:** 1 x 15 minutes *Attention program (575)* (section PEMF).

**Location of gel electrodes for the main and additional sessions:** no 2.

## 633. Anxiety

The program aims to help athletes manage their emotional state, especially in dealing with anxiety, which is a negative emotional state characterized by unfounded expectations, such as the fear of unfavorable outcomes in sports activities and excessive nervous tension. The main symptoms of anxiety are constant feelings of threat, fear, difficulties with concentration, irritability, sleep problems, sudden fluctuations in appetite, and others. Anxiety makes it difficult to achieve high results in sports, especially in martial arts. The program helps athletes focus and manage their emotional state.

**Main session:** 1 x 15 minutes.

**Additional session:** 1 x 15 minutes *Attention program (575)* (section PEMF);

**Location of gel electrodes for the main and additional sessions:** no 2.

# NOSOLOGY

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## ALLERGOLOGY / IMMUNOLOGY

1	Normalization of the immune system	6	Allergic conjunctivitis
2	Allergic problems - general program	7	Allergic rhinitis
3	Autoimmune Problems - general program	8	Pet fur allergy
4	Allergic bronchitis	9	Inflammation of the lymph nodes
5	Allergic dermatitis - urticaria	10	Splenomegaly – splenic enlargement
		11	Thymus – Balance

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## GASTROENTEROLOGY

12	Normalization of gastrointestinal function	28	Pancreatic diseases
13	Normalizing of gallbladder function	29	Intestinal colic
14	Normalization of bowel function	30	Colpitis - general scheme
15	Normalization of liver function	31	Gluten intolerance
16	Normalization of pancreatic function	32	Lactose intolerance
17	Duodenal ulcer disease	33	Chronic pancreatitis
18	Chronic peptic ulcer of the stomach	34	Heartburn - Reflux
19	Chronic gastritis type B - bacterial	35	Inflammation of the rectum (Proctitis)
20	Chronic gastritis type C - reflux gastritis	36	Gilbert's syndrome
21	Chronic hepatitis	37	Malabsorption syndrome
22	Hepatomegaly	38	Irritable bowel syndrome
23	Duodenitis	39	Liver fibrosis
24	Enteritis	40	Crohn's disease
25	Jaundice	41	Normalization of cholesterol
26	Cholelithiasis	42	Chronic cholecystitis
27	Hepatic steatosis		

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## HEMATOLOGY

43	Vitamin B12 deficiency anemia	48	Leukocytosis
44	Iron deficiency anemia	49	Normalization of leukopoiesis
45	Hematological diseases - general program	50	Normalization of hemoglobin production
46	Coagulopathy	51	Normalization of erythropoiesis
47	Leukopenia	52	Blood thinning

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## GYNACEOLOGY

53	Inflammation of the appendages (Dnexitis)	63	Menopause - hot flushes
54	Absence of menstruation (Amenorrhea)	64	Mastopathy
55	Infertility - general program	65	Polycystic ovary syndrome (PCOS)
56	Vaginal inflammation (vaginitis)	66	Premenstrual syndrome
57	Fungal infections of the female reproductive system	67	Regulation of the female reproductive system
58	Menstrual cramps	68	Regulation of the menstrual cycle
59	Inflammation of the lining of the womb (endometritis)	69	Reproductive system - general program
60	Cervical erosion	70	Inflammation of the fallopian tubes (salpingitis)
61	Candidiasis	71	Ovulation stimulation
62	Menopause	72	Fibroids

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## DERMATOLOGY / COSMETOLOGY

73	Acne	84	Eczema - Eczema
74	Hair diseases - general program	85	Erythema
75	Nail diseases - general program	86	Keloid scars
76	Warts - general program	87	Blackhead,
77	Hives, Blisters - general program	88	Nail Fungus (Onychomycosis)
78	Renewal of skin cells	89	Lichen simplex chronicus
79	Hair loss (Alopecia)	90	Rejuvenating program (Anti - aging)
80	Hair loss patches (Alopecia Areata)	91	Psoriasis
81	Excessive sweating (Hyperhidrosis)	92	Furuncle (boil)
82	Dermatitis - general program	93	Cellulite
83	Atopic dermatitis		

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## ENDOCRINOLOGY

94	Metabolism normalization	108	Graves' disease
95	Normalization of adrenal function	109	Endemic goiter
96	Normalization of parathyroid function	110	Pineal gland - balance
97	Normalization of thyroid function	111	Metabolic syndrome
98	Normalization of the endocrine system functions	112	Microcirculation disorders in diabetes
99	Normalization of testicular function	113	Obesity
100	Normalization of ovarian function	114	Obesity - Enhanced Mode
101	Addison's disease	115	Cushing's syndrome
102	Autoimmune Thyroiditis	116	Type I diabetes
103	Restoration of hormonal balance in women	117	Type II diabetes
104	Restoration of hormonal balance in men	118	Diabetes in children
105	Gynecomastia, male breast enlargement	119	Overactive thyroid (hyperthyroidism)
106	Pituitary gland - balance	120	Underactive thyroid (hypothyroidism)
107	Diabetic foot		

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## INFECTIOUS AND SEASONAL DISEASES

121	Venereal infections - general program	137	Dermatomycosis - mycosis of the feet, hair and nails
122	Fungal infections - general program	138	Infectious mononucleosis
123	Gastrointestinal infections - general program	139	Whooping cough (Pertussis)
124	Skin or mucous membrane infections - general program	140	Condyloma (acute warts)
125	Neurological infections - general program	141	Measles
126	Food poisoning - general program	142	Rubella (Roseola)
127	Respiratory infections - general program	143	Leptospirosis (Weil's disease)
128	Adenoviral infection	144	Shingles (Zoster)
129	Erysipelas	145	Rotavirus infection
130	Chickenpox	146	Salmonella
131	Hepatitis - general program	147	Kawasaki disease
132	Hepatitis A	148	Scarlatina
133	Hepatitis B	149	Streptococcal tonsillitis (strep throat tonsillitis)
134	Hepatitis C	150	Tuberculosis
135	Viral pneumonia 1	151	Cat scratch disease (CSD)
136	Flu - general program	152	Lyme disease
		153	Dysentery

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**CARDIOLOGY / REUMATOLOGY**

- |   |   |
|---|---|
| 154 Normalization of blood flow             | 166 Coronary artery disease                         |
| 155 Normalisation of Lymphatic System Flows | 167 Coagulopathy                                    |
| 156 Normalization of heart function         | 168 Neurocirculatory dystonia (vegetative-vascular) |
| 157 Arterial disease (PAD)                  | 169 Gout, arthritis, podagra                        |
| 158 Varicose veins                          | 170 Rheumatism                                      |
| 159 High Blood Pressure (Hypertension)      | 171 Rheumatoid arthritis                            |
| 160 Hypotension, hypotonia                  | 172 Juvenile rheumatoid polyarthritis               |
| 161 Dyslipidemia                            | 173 Cardiovascular diseases - general program       |
| 162 Connective tissue diseases              | 174 Stenocardia                                     |
| 163 Decreasing uric acid formation          | 175 Tachycardia, Tachycardia paroxysmal             |
| 164 Endocarditis                            | 176 Inflammation of the veins (Phlebitis)           |
| 165 Myocardial infarction - recovery        |   |
- 

**NARCOLOGY**

- |   |                                 |
|---|---------------------------------|
| 177 Addictions - general program              | 181 Side effects of medications |
| 178 Abstinence syndrome (withdrawal syndrome) | 182 Hangover syndrome           |
| 179 Chronic alcoholism                        | 183 Smoking tobacco             |
| 180 Drug addiction                            |                                 |
- 

**NEUROLOGY**

- |   |   |
|---|---|
| 184 Normalization of nervous system functions | 200 Intercostal neuralgia                       |
| 185 Nervous system tension 1                  | 201 Sciatic nerve neuralgia                     |
| 186 Ataxia, Motions ataxia, Clumsiness        | 202 Trigeminal neuralgia                        |
| 187 Aphasia - speech disorders                | 203 Neuromuscular diseases - general program    |
| 188 Hemiparesis                               | 204 General paralysis                           |
| 189 Hypochondria                              | 205 Cerebral palsy                              |
| 190 Dyslexia                                  | 206 Paresthesia, abnormal sensation of the skin |
| 191 Stutter                                   | 207 Polyneuropathy                              |
| 192 Recovery after a stroke                   | 208 Multiple sclerosis                          |
| 193 Chronic bed-wetting (Involuntary soaking) | 209 Carpal tunnel syndrome (CTS)                |
| 194 Bruising, injury                          | 210 Chronic Fatigue Syndrome                    |
| 195 Meteopathy                                | 211 Epilepsy syndrome                           |
| 196 Myasthenia gravis                         | 212 Parkinsonism tremor - temporary relief      |
| 197 Migraine                                  | 213 Alzheimer's disease                         |
| 198 Muscle inflammation (Myositis)            | 214 Parkinson's disease                         |
| 199 Nerve pain (Neuralgia) - general program  | 215 Huntington's Chorea                         |
- 

**ORTHOPEDIA / TRAUMATOLOGY**

- |   |   |
|---|---|
| 216 Bone diseases - general program             | 225 Osteoporosis  |
| 217 Spine diseases - general program            | 226 Spinal Osteoarthritis (Degenerative Arthritis of the Spine) |
| 218 Joint diseases - general program            | 227 Fractures   |
| 219 Cartilage Tissue Diseases - general program | 228 Improvement of mobility of the joints                       |
| 220 Injuries, fractures, cuts - general program | 229 Sacro-lumbar radicular syndrome                             |
| 221 Arthritis                                   | 230 Heel spur   |
| 222 Arthrosis                                   | 231 Twist   |
| 223 Bursitis                                    | 232 Rickets   |
| 224 Osteomyelitis                               |   |



- 233 Synovitis (inflammation of the synovial membrane) 235 Tendinopathy  
234 Spine inflammation - general program
- 

## OTOLARINGOLOGY

- 236 Throat and lymph nodes - general program 245 Middle ear infection (Otitis media)  
237 Ear - general program 246 Chronic middle ear infection (Chronic otitis media)  
238 Tonsil enlargement (Tonsillar hypertrophy) 247 Runny nose (Rhinitis)  
239 Angina - general program 248 Sinus inflammation (Sinusitis)  
240 Inflammation of the salivary glands 249 Chronic inflammation of the tonsils (Chronic tonsil  
241 Sinus inflammation (Sinusitis) litis)  
242 Throat infections and pain 250 Hearing Loss (Deafness)  
243 Nasal infections, nasal congestion 251 Inflammation of the throat and tonsils (Pharyngitis  
244 Inflammation of the voice box (Laryngitis) and tonsillitis)
- 

## OPHTHALMOLOGY

- 252 Eyes - inflammation 259 Pink eye (conjunctivitis)  
253 Eyes - extended program 260 Macular degeneration  
254 Inflammation of the eyelids (Blepharitis) 261 Optic nerve inflammation (Optic neuritis)  
255 Retinal detachment 262 Improvement of visual acuity - general program  
256 Cataract 263 Vitreous opacities  
257 Diabetic retinopathy 264 Styte (hordeolum)  
258 Glaucoma
- 

## PSYCHIATRY / PSYCHOLOGY

- 265 Autism 279 Stutter  
266 Childhood autism 280 Calming down program  
267 Autistic disorders 281 Obsessive-compulsive disorder (OCD)  
268 Developmental delay, symptomatic 282 Disturbance in attention (ADD)  
269 Intellectual disability 283 Panic attacks  
270 Internal anxiety and fear 284 Psycho-vegetative syndrome  
271 Hypochondria 285 Psychological trauma  
272 Dementia 286 Irritation, Irritability  
273 Depressive syndrome 287 Sleep regulation - insomnia  
274 Dysthymia, Neurotic depression 288 Stress  
275 Postnatal Depression 289 Stress - endocrine regulation  
276 Depression in endocrine disorders 290 Post-traumatic stress disorder (PTSD)  
277 Seasonal depression 291 Phobias - general program  
278 Children's mental disorders 292 Schizophrenia - general program
- 

## PULMONOLOGY

- 293 Normalization of lung function 301 Bacterial pneumonia  
294 Asthma-like syndrome 302 Viral pneumonia  
295 Bronchial asthma 1 303 Inflammation of the trachea (Tracheitis)  
296 Bronchitis 304 Tracheitis and bronchitis  
297 Chronic bronchitis 305 Improvement of breathing function  
298 Bronchopneumonia 306 Pulmonary fibrosis  
299 Bronchospasm 307 Chronic obstructive pulmonary disease (COPD)  
300 Pneumonia - general program 308 Emphysema

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**DENTISTRY**

- |     |                                       |     |  |
|-----|---------------------------------------|-----|--|
| 309 | Dental diseases - general program     | 316 | Periodontal disease                                      |
| 310 | Bruxism                               | 317 | Teething   |
| 311 | Bed breath (Halitosis)                | 318 | Inflammation of dental pulp (pulpitis) - general program |
| 312 | Inflammation of the gums (Gingivitis) | 319 | Aphthous stomatitis                                      |
| 313 | Tooth decay                           | 320 | Dental trauma  |
| 314 | Osteitis                              |     |  |
| 315 | Swelling of the gums                  |     |  |
- 

**UROLOGY / NEPHROLOGY**

- |     |  |     |  |
|-----|--|-----|--|
| 321 | Normalization of the bladder function      | 334 | Testicular infection                                   |
| 322 | Normalization of kidney function           | 335 | Edema of the kidney (Renal edema)                      |
| 323 | Regulation of the male reproductive system | 336 | Pyelonephritis   |
| 324 | Prostate adenoma                           | 337 | Prostate - general program                             |
| 325 | Male infertility - general program         | 338 | Prostate. Age-related changes                          |
| 326 | Bladder diseases - general program         | 339 | Chronic prostatitis                                    |
| 327 | Inflammation of the seminal vesicles       | 340 | Overactive bladder syndrome (OAB)                      |
| 328 | Glomerulonephritis                         | 341 | Inflammation of the urethra (Urethritis)               |
| 329 | Urinary retention                          | 342 | Acute inflammation of the bladder (Acute cystitis)     |
| 330 | Urinary tract infections                   | 343 | Chronic inflammation of the bladder (Chronic cystitis) |
| 331 | Urolithiasis                               | 344 | Erectile dysfunction (impotence)                       |
| 332 | Urinary incontinence                       |     |  |
| 333 | Hiperoksaluria                             |     |  |
- 

**SURGERY**

- |     |   |     |                                |
|-----|---|-----|--------------------------------|
| 345 | Convalescence after surgery of genitourinary system | 354 | Breast lumps                   |
| 346 | Hemorrhoids   | 355 | Ovarian cyst - general program |
| 347 | Benign tumors - general program                     | 356 | Polyps - general program       |
| 348 | Hernia - general program                            | 357 | Cervical polyps 1              |
| 349 | Disc herniation                                     | 358 | Nasal polyps                   |
| 350 | Inguinal hernia                                     | 359 | Oesophagus (gullet) polyps     |
| 351 | Hiatus hernia                                       | 360 | Colon polyps                   |
| 352 | Umbilical hernia                                    | 361 | Cervical polyps                |
| 353 | Cysts   | 362 | Thrombophlebitis               |
- 

**COVID-19**

- |     |                               |     |  |
|-----|-------------------------------|-----|--|
| 363 | Coronavirus - general program | 365 | Rehabilitation after coronavirus - 1st stage |
| 364 | COVID-19                      | 366 | Rehabilitation after coronavirus - stage 2   |
- 

**PAIN / CRAMPS**

- |     |                   |     |                        |
|-----|-------------------|-----|------------------------|
| 367 | Abdominal pain    | 374 | Joint pain             |
| 368 | Stomach ache      | 375 | Hip pain               |
| 369 | Knee pain         | 376 | Neck pain              |
| 370 | Elbow pain        | 377 | Ear pain               |
| 371 | Arm pain          | 378 | Tooth pain             |
| 372 | Back pain         | 379 | Pain - general program |
| 373 | Spastic back pain |     |                        |

- |     |  |     |                                  |
|-----|--|-----|----------------------------------|
| 380 | Acute pain                                 | 387 | Headache of unknown origin       |
| 381 | Acute pain with neuralgia                  | 388 | Headache - general program       |
| 382 | Trauma pain                                | 389 | Migraine headache                |
| 383 | Psychosomatic pain                         | 390 | Lumbago (Sore back)              |
| 384 | Phantom pain                               | 391 | Biliary spasm and pain           |
| 385 | Cervical migraine ( Cervicogenic Headache) | 392 | Spasms and seasickness           |
| 386 | Headache - tension                         | 393 | Cramps (spasm) - general program |
- 

## INTOXICATION / POISONING

- |     |  |     |  |
|-----|--|-----|--|
| 394 | Bowel detoxification                   | 403 | Detoxification of fungal infections      |
| 395 | Blood detoxification                   | 404 | Detoxification in drug addiction         |
| 396 | Lung detoxification                    | 405 | Detoxification in obesity                |
| 397 | Detoxification - general program       | 406 | Detoxification in a parasitic infections |
| 398 | Liver detoxification                   | 407 | Detoxification for cigarette smokers     |
| 399 | Kidney detoxification                  | 408 | Lymphatic drainage 1                     |
| 400 | Alcohol Detox                          | 409 | Lymphatic drainage 2                     |
| 401 | Detoxification of bacterial infections | 410 | Intoxication by removing toxins          |
| 402 | Detoxification of viral infections     |     |  |
- 

## GENERAL SYMPTOMS

- |     |                                       |     |                                |
|-----|---------------------------------------|-----|--------------------------------|
| 411 | Deterioration of appetite             | 429 | The olfactory disorder         |
| 412 | Improving the appetite                | 430 | Hearing impairment             |
| 413 | Age-related changes - general program | 431 | Frostbite                      |
| 414 | Hyperthermia                          | 432 | Burn - general program         |
| 415 | Hyperthermia after sunstroke          | 433 | Sunburn                        |
| 416 | Hypoxia                               | 434 | Allergic swelling              |
| 417 | Hypothermia                           | 435 | Inflammatory swelling          |
| 418 | Dizziness                             | 436 | Lymphedema                     |
| 419 | Diarrhea                              | 437 | Edema - general program        |
| 420 | Constipation                          | 438 | General digestive disorders    |
| 421 | Itchy skin                            | 439 | Vomiting                       |
| 422 | Hiccup                                | 440 | Nausea                         |
| 423 | Exhaustion of the body                | 441 | Motion sickness - seasickness  |
| 424 | Cough - general program               | 442 | Insect bites - general program |
| 425 | Cough - during colds                  | 443 | Fatigue - general program      |
| 426 | Cough reflex                          | 444 | Age-related fatigue            |
| 427 | Meteorism, abdominal distension       | 445 | Snore                          |
| 428 | Taste disturbance                     | 446 | Tinnitus                       |

## INFECTIOUS AGENTS

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### Bacteria / PROTOZOA / MITE

- |     |                                 |     |                              |
|-----|---------------------------------|-----|------------------------------|
| 447 | Antiparasitic - general program | 449 | Dust mites - general program |
| 448 | Bacteria - general program      | 450 | Pierwotniaki - tryb ogólny   |

- |     |                                     |     |  |
|-----|-------------------------------------|-----|--|
| 451 | Amoebiasis of dysentery             | 473 | Salmonella                               |
| 452 | Bartonella                          | 474 | Staphylococcus - general program         |
| 453 | Blastocystis hominis                | 475 | Hemolytic staphylococcus                 |
| 454 | Bordetella                          | 476 | Staphylococcus aureus                    |
| 455 | Borrelia                            | 477 | Saprophytic staphylococcus               |
| 456 | Gardnerella vaginalis               | 478 | Staphylococcus epidermidis               |
| 457 | Gonorrhea split                     | 479 | Streptococcus - general program          |
| 458 | Demodex                             | 480 | Streptococcus pyogenes beta-haemolyticus |
| 459 | Yersinia                            | 481 | Streptococcus pyogenes                   |
| 460 | Colon bacillus                      | 482 | Toxoplasm                                |
| 461 | Klebsiella                          | 483 | Treponema pallidum                       |
| 462 | Clostridium                         | 484 | Trypanosoma                              |
| 463 | Corynebacterium                     | 485 | Trichomoniasis                           |
| 464 | Leishmania                          | 486 | Ureaplasma                               |
| 465 | Giardia Lamblia                     | 487 | Helicobacter Pylori                      |
| 466 | Plasmodium malariae-general program | 488 | Chlamydia - general program              |
| 467 | Mycoplasma - general program        | 489 | Pulmonary chlamydia                      |
| 468 | Genital mycoplasma                  | 490 | Human scabies                            |
| 469 | Mycoplasma pneumoniae               | 491 | Shigella                                 |
| 470 | Mycobacterium tuberculosis          | 492 | Fecal streptococcus                      |
| 471 | Peptostreptococcus                  | 493 | Enterococcus faecium                     |
| 472 | Streptococcus pneumoniae            |     |  |
- 

## VIRUSES

- |     |  |     |  |
|-----|--|-----|--|
| 494 | Viruses - general program              | 506 | Human Herpesvirus 1 (Herpes Simplex)     |
| 495 | Adenovirus                             | 507 | Human Herpesvirus 2                      |
| 496 | Hepatitis A virus                      | 508 | Human Herpesvirus 3 (smallpox, shingles) |
| 497 | Hepatitis B virus                      | 509 | Human Herpesvirus 4 (EBV)                |
| 498 | Hepatitis C virus                      | 510 | Human Herpesvirus 5 (CMV)                |
| 499 | Flu virus - general program            | 511 | Human Herpesvirus 6                      |
| 500 | Coxsackie virus - general program      | 512 | Coronaviruses - general program          |
| 501 | Measles virus                          | 513 | Reoviruses - general program             |
| 502 | Rubella virus                          | 514 | Retroviruses- general progra             |
| 503 | Human papillomavirus - general program | 515 | Rhinoviruses - general program           |
| 504 | Mumps virus                            | 516 | Rotaviruses - general program            |
| 505 | Herpesvirus - general program          |     |  |
- 

## FUNGI / MOLD

- |     |                                     |     |                         |
|-----|-------------------------------------|-----|-------------------------|
| 517 | Mycoses- general program            | 526 | Candida albicans        |
| 518 | Mycoses- short general program      | 527 | Candida glabrata        |
| 519 | Mycoses and molds - general program | 528 | Candida kefyr           |
| 520 | Actinomycetes                       | 529 | Candida krusei          |
| 521 | Alternaria                          | 530 | Candida parapsilosis    |
| 522 | Aspergillus                         | 531 | Candida robusta         |
| 523 | Geotrichum                          | 532 | Candida stellatoidea    |
| 524 | Histoplasma                         | 533 | Candida tropicalis      |
| 525 | Candida- general program            | 534 | Cryptococcus neoformans |

- |     |  |     |                                |
|-----|--|-----|--------------------------------|
| 535 | Microsporium - general program         | 540 | Sporothrix                     |
| 536 | White mold - Mucor mucedo              | 541 | Trichosporon                   |
| 537 | Nocardia asteroides                    | 542 | Trichophyton - general program |
| 538 | Onychomycosis                          | 543 | Epidermophyton                 |
| 539 | Rhizopus nigricans - Blackening spread |     |                                |

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## NEMATODES / CESTODA / TREMATODA

- |     |                                     |     |                                  |
|-----|-------------------------------------|-----|----------------------------------|
| 544 | Nematodes - general program         | 559 | Pinworms                         |
| 545 | Tapeworms - general program         | 560 | Paragonimus westermani           |
| 546 | Flukes - general program            | 561 | Hepatic moth (Fasciola hepatica) |
| 547 | Anizakida                           | 562 | Trichina                         |
| 548 | Ancylostoma                         | 563 | Filaria - general program        |
| 549 | Human roundworm - larvae            | 564 | Unarmed tapeworm                 |
| 550 | Ascaris human - general program     | 565 | Dwarf tapeworm                   |
| 551 | Whipworm                            | 566 | Armed tapeworm                   |
| 552 | Capillaria                          | 567 | Canine tapeworm                  |
| 553 | Intestinal nematode                 | 568 | Schistosoma - general program    |
| 554 | Chinese flukes                      | 569 | Bloody moth                      |
| 555 | Large moth (Diphyllobothrium latum) | 570 | Venous flukes                    |
| 556 | Metagonimus                         | 571 | Echinococcal tapeworm            |
| 557 | Onchocerca - Ślepota rzeczna        | 572 | Toxocara                         |
| 558 | Opisthorchis                        |     |                                  |

## PEMF

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### GENERIC PROGRAMMES

- |     |  |     |                                 |
|-----|--|-----|---------------------------------|
| 573 | Schumann resonances                    | 583 | Memory development              |
| 574 | Vigor and energy program               | 584 | Brain rhythms: Alpha rhythm     |
| 575 | Attention program                      | 585 | Brain Rhythms: Beta Rhythm      |
| 576 | Learning program                       | 586 | Brain Rhythms: Gamma Rhythm     |
| 577 | Rest program                           | 587 | Brain Rhythms: The Delta Rhythm |
| 578 | Aggression and anger reduction program | 588 | Brain Rhythms: Theta Rhythm     |
| 579 | Irritability reduction program         | 589 | Reduction of electrosensitivity |
| 580 | Mood Improvement Program               | 590 | Increasing electrosensitivity   |
| 581 | Emotional harmony program              | 591 | Beck frequency                  |
| 582 | Development of intellectual abilities  | 592 | Schumann frequency              |

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### REHABILITATION / PREVENTION

- |     |   |     |                           |
|-----|---|-----|---------------------------|
| 593 | Inflammatory process - general program      | 599 | Injury                    |
| 594 | Restoration of water-salt metabolism        | 600 | Frostbites                |
| 595 | Reconstruction of capillaries / capillaries | 601 | Burns                     |
| 596 | General regeneration - recovery             | 602 | Purification of the blood |
| 597 | Rebuilding the musculoskeletal system       | 603 | Lymph cleansing           |
| 598 | Regeneration after trauma - general program | 604 | Slow health recovery      |

- 605 Bedsores
  - 606 Prevention of age-related changes
  - 607 Cell regeneration
  - 608 Skin regeneration
  - 609 Regeneration of bone and muscle tissue
  - 610 Blood regeneration
  - 611 Regeneration of lung tissue
  - 612 Nerve tissue regeneration
  - 613 Regeneration of the mucosa
  - 614 Tissue regeneration - general program
  - 615 Regeneration of cartilage and connective tissue
  - 616 Physical, emotional or mental trauma
  - 617 Improving general well-being
  - 618 Improving blood circulation
  - 619 Strengthening the protective functions of the body
  - 620 Chronic diseases - general program
  - 621 The brain program
- 

## **SPORTS MEDICINE**

- 622 Sports program - general
- 623 Muscle regeneration after training
- 624 Restoration of joint mobility - sport
- 625 Recovery
- 626 Restoration of the body's energy resources
- 627 Mobilizing the athlete's strength
- 628 Normalization of muscle tone
- 629 Relax - short program
- 630 Relief of muscle tension
- 631 Relief of back muscle tension
- 632 Resistance to stress
- 633 Anxiety

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