



RIFETECH®

# **RIFETECH® PLASMA**

GENERAL INTRODUCTION TO THE AREA  
OF BIO-ELECTROMAGNETIC THERAPY

# INTRODUCTION

## 1.1. HISTORY

Contemporary science has yet to "understand" all the thoughts and ideas of the genius inventor Nikola Tesla, and many of them have simply "disappeared". This brilliant inventor would also experiment in the field of medical technology – he used high-frequency electricity for electrotherapy. Tesla's great contribution to medicine is the so-called mechanical therapy, which unfortunately remained neglected for a long time. He developed an electromechanical oscillator for it, which he then spent several years perfecting and miniaturizing. The oscillator made it possible to clear the stomach and digestive tract of unwanted substances and impurities. But it could also be used to effectively prevent most diseases.

However, in the second half of the 20th century pharmaceutical companies began to suppress electrotherapy and promoted pharmaceutical medicine – starting with the Flexner report that would effectively ban the teaching of electrotherapy, homeopathy, etc. at universities. Unfortunately, the same fate befell the revolutionary discoveries of Dr. Royal Raymond Rif, the cutting-edge scientist and microbiologist responsible for the start of a whole new field of science in the 1940s – electromedicine.

It will soon be almost a hundred years since these treatment methods were deliberately deemed taboo and overlooked, yet they are slowly finding their place in official structures.

## 1.2. PRESENT DAY

The Israel-based company Novocure has patented a method of applying a specifically-tuned electric field to treat glioblastoma (an aggressive brain tumor). Their Optune device is approved by the American FDA. The electric field acts on electrically charged parts of cells, preventing the normal course of mitosis and leading to the subsequent death of tumor cells. The device is used in more than 1,300 clinics in the USA.

At present, the effects of EM waves are also used in medicine, e.g. in diathermy, pulsed magnetic therapy, distance electrotherapy or microwave hyperthermia. Frequencies can be applied to the body through an alternating electric current or through an electromagnetic field. However, the therapeutic use of EM generators is very complex and cannot be reduced only to the effects attributed to the aforementioned methods.

## 1.3. PHYSICAL PRINCIPLE OF THE EFFECTS OF A PLASMA GENERATOR ON THE INTERNAL STRUCTURES OF MICRO-ORGANISMS

One of the primary functions of a therapeutic signal transmitted through a plasma antenna is the effect that low-frequency electromagnetic radiation has on pathogenic microorganisms. The resonant frequency reflects some of the physical properties of the microbe with which it resonates. This frequency can be calculated, for instance, by considering the length of DNA. In our professional team, these calculations are made by our resident biologist, RNDr. Dagmar Jančová, Ph.D.

This particular methodology was founded by Dr. Royal Raymond Rife, who achieved admirable results in killing unwanted microbes and even cancer cells by merely taking advantage of specific frequency compositions discharged by a plasma emitter. The frequencies he used were obtained through repeated experiments with his microscope. However, there was no precise physical explanation as to why a particular biological material should resonate with a certain frequency of electromagnetic waves.

While Royal Rife used the sample color as guidance, Hulda Clark used the sounds generated by two electrical circuits resonating. Only the synthesis of other findings in the field of biophysics will reveal just how identical the properties observed by these two scientists were during their studies of microbes. Quantum physics tell us that the whole universe is based on waves and frequencies, and we know that the same frequency can represent both color and tone, and even shape. Experiments in which a sound signal of a certain frequency creates specific shapes on a water surface or a thin layer of fine powder are studied by a relatively new field called cymatics. The method of determining the resonant frequencies of microbes according to the length of their DNA is based on the relationship between frequencies and shapes, and was discovered by Rife's current follower, Mrs. Charlene Boehm, also from the US. The principle of her patent, and at least one of the principles of the plasma generator effect, can be summarized as follows:

***"If we synchronize the wavelength of the plasma generator's radiation with the actual length of one of the internal structures of a given microbe, this structure is subjected to vibrations and mechanically breaks down. The vital functions of the microbe cease to function and it gradually perishes."***

## Perspective and future of bio-electromagnetic therapy

Bio-electromagnetic therapy can undoubtedly serve as an alternative as well as complementary therapy for all diseases in which we assume microbial, psychosomatic or bioenergetic origin. In near future, we anticipate its wider application in many branches of classical medicine, including the ongoing fight against serious diseases. This is currently presented by the physicist and music theorist prof. Anthony Holland, our consultant and correspondent. His findings will soon start being published on an ongoing basis.

Living cells consist of ions, polar or charged molecules, membranes and organelles. They react to electric fields and currents, and they often generate these themselves. Most subcellular biomolecules (e.g., DNA, RNA, tubulin, actin, septin, etc.) are either charged and thus surrounded by counterions, or have high electrical dipole moments. Packed full of oscillating electric charges, living organisms can be considered as complex electrochemical and mechanical systems. These factors make it possible for an ever-expanding group of experts in medical as well as other fields to take the option of influencing human health by electromagnetic waves into consideration.

# MYTHS AND FACTS

*"When applying microbial frequency sets by a plasma generator, the cell wall of the microbe explodes or ruptures."*

This frequently described phenomenon, sometimes accompanied by records of an alleged explosion of a microbe, is largely an unsubstantiated myth. In all such videos, no specific device is shown. Neither are the set frequencies and other parameters used to achieve this phenomenon. This greatly reduces the credibility of these videos.

It must also be emphasized that this phenomenon could theoretically occur only when using frequencies that affect the cell membrane of the microorganism. In principle, our own methodology of affecting the complete genomes of pathogenic microorganisms excludes this phenomenon. Through disruption of its internal DNA or RNA structure, the microbe gradually dies and cannot replicate itself. On the other hand, the theoretical induction of such explosive effect can be highly dangerous due to the risk of an allergic reaction or anaphylactic shock, e.g., in the event of a ruptured echinococcal cyst, which may be fatal.

We maintain a relatively extensive overview of what is happening in this field around the world and we are not aware of any such phenomena occurring during the application of frequencies to echinococcal cysts. This is why we consider the literal explosion of microbes to be a myth.

We also consider the whole principle of using a plasma generator as a "gunner" that makes microbes "rupture" to be misleading. This interpretation significantly dishonors the complexity of the therapeutic signal which, when properly applied via plasma, covers many other therapeutic aspects, such as immunomodulation, promotion of electromagnetic activity in the organism, etc.

The real purpose of a plasma-generated signal, by means of specific frequency sets affecting whole genomes of microorganisms, is to disrupt the internal structure of the microbe so that it can then be inactivated by immunomodulation and by other human-specific components interacting with unique plasma properties.

*"When detoxifying microbial loads, it is necessary to proceed from the largest microorganisms to the smallest."*

This widely used detoxification "methodology" has a certain internal logic. It works with the assumption of the so-called "matryoshka effect", which is based on real biological findings. However, this idea is based on the presence of viruses inside the parasites and this would rather indicate a higher pathogenicity of the microbe and also a higher resistance to classical treatment. The application of specific frequency sets is therefore a desirable option in these cases. It is, however, necessary to know official data regarding specific parasites and their internal symbiotic viruses. An example of such a phenomenon is the Plasmodium protozoon and the RNA virus bound to it.

In case this official data on a specific parasite is unknown to us, we can solve this by applying the following frequency doses: Antiviral complexes (Stabilisation complexes), Antibacterial complexes (Stabilisation complexes) and Bacterial infections – in general (Bacteria), which disinfect theoretically washed-out microbes.

# HOW TO EFFECTIVELY APPLY RIFETECH® PLASMA

Each user of RIFETECH® Plasma needs to have their therapy kits set up individually. The following factors should always be taken into account:

- Psychosomatic condition
- Bioenergetic condition
- Presence of latent or chronic infections or combinations thereof
- Hidden inflammations
- Degree of acidosis
- Ability of the organism to effectively detoxify (lymph, blood, liver, kidneys)
- The state of the immune system

RIFETECH Plasma is part of a comprehensive holistic system, into which it must be incorporated and applied ideally after consultations with a trained therapist. For the correct use of RIFETECH Plasma, it is advisable to have an individual plan of optimal frequency sets compiled in counseling centers.

**Although everyone needs an individual approach, here are at least the basic models of possible application:**

1. When applying RIFETECH Plasma, it is not always necessary to focus solely on microbial detoxification. The human lifestyle in Western society purposefully disrupts the optimal configuration of the biofield, energy and nerve synapses, etc.

As stated, if we live in a standardized way in Western society, we simply cannot rely on the proper functioning of the biofield too much. Nevertheless, exceptions can be found among us – people who keep working on themselves and their energy – and in those cases it is possible to support their regenerative abilities by frequencies. People who actively practice yoga or other energy exercises are one example of this. Such people may exhibit marked hypersensitivity to frequency pulses spread by the RIFETECH plasma electromagnetic field, and the dosage of therapeutic kits needs to be adjusted to this factor. In cases like these, a correct frequency set applied once a week is often enough. Ideally, energy and nerve synapses can be effectively supported and the energy field can be brought into such balance that the phenomena manifested at the gross level, in the form of diseases, parasitic infections, etc., cannot adversely affect the organism.

For example, use the following frequency sets:

**Energy and vitality, Schumann resonance, Solfeggi 528 Hz, Solfeggi 741 Hz, cat spinning frequency 25 Hz, Nogier frequencies 292 Hz and 2 336 Hz, Universal program and some others.**

If we have the ambition to work with the balance of our body at such an energy level, it is necessary to emphasize that the application of RIFETECH Plasma can only serve as an aid and stabilizer on this lifelong journey. Other necessary factors are, of course, a proper diet, mental and energy exercises, an active approach to the social interactions of people around us, etc.

2. Bearing in mind the many negative factors of the current lifestyle, we cannot count too much on the ideal model of body protection at the bioenergetic level. In case this initial "shield of our health" is not sufficiently activated, we get into the gross terms defined by Western medicine, starting with the proper function of our immune system. However, even the optimal function of this "shield" cannot be relied on by most of us at present. We therefore recommend regular application of doses from the following category:

**IMMUNE SYSTEM – Immunity balance 1, Immunity balance 2, Immunity stimulation, Immunity stabilization, Immune training and Lipid metabolism, Immune training**



3. Sadly, we have to admit that most of us are increasingly defenseless against attacks of ever-mutating microbial infections. Due to the minimal function of all the aforementioned "protective shields" of the organism, these infections can even manifest as a global Covid-19 pandemic. In such situations, it is necessary to begin to distinguish whether our body is combating active or latent infections.

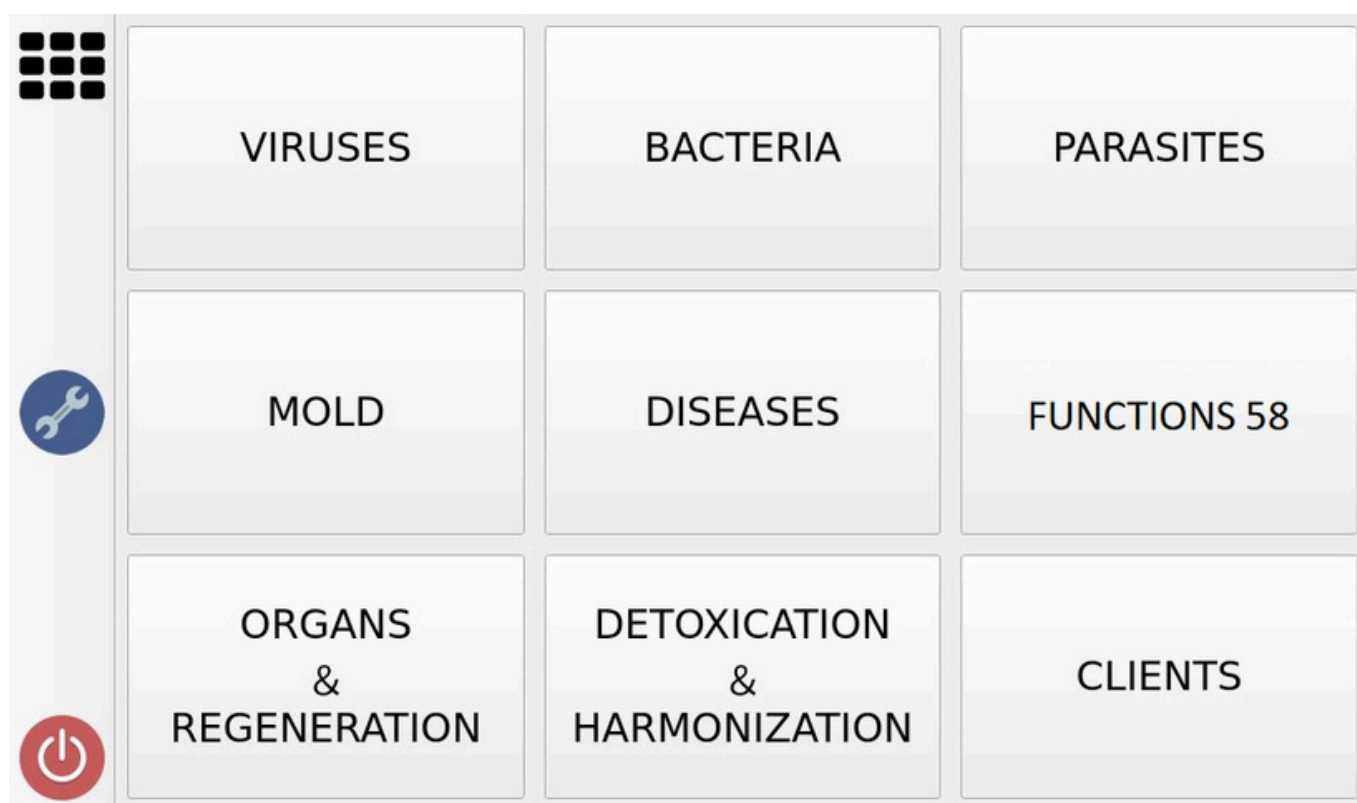
4. If you have been diagnosed with active infections and associated pathological processes by your doctor or other specialist, it is of course necessary to fight this active load, primarily in combination with immunomodulatory and detoxification kits and via RIFETECH Plasma. It is also always necessary to take into account the set of infections and possible co-infections that are specific to the diagnosis. Here are some examples:

- Lyme disease (*Borrelia burgdorferi*, *B. afzelii*, *B. garinii*, *Bartonella*, *Babesia*, *Mycoplasma*)
- precancerous lesion of the cervix (*Papillomavirus*, *Chlamydia trachomatis*)
- prostate inflammation (*Neisseria gonorrhoeae*, *Chlamydia trachomatis*, *Papillomavirus*, *E. coli*, *Propionibacterium acnes*, *Enterococcus*, *Staphylococcus*)
- hypertension (*Cytomegalovirus*, *Schistostoma mansoni*, *Chlamydia pneumoniae*)

The above examples are, of course, only random and generalizing. There is always a need for an individual approach and deeper insight, for which we recommend seminars and publications prepared by our professional team.

5. Clients suffering from a number of disorders that significantly disrupt their quality of life are a frequent phenomenon in holistic and naturopathic practice. These disorders include: depression, chronic fatigue, migraines, joint and spine pain, insomnia, indigestion, etc. Nevertheless, according to the diagnostics of classical medicine, they are considered to be completely healthy and are often either referred to psychiatric help or prescribed antidepressants. The logic of such conclusions of Western medicine is roughly as follows – if there is no disease or infection that Western medicine is able to evaluate with its methodologies, the patient is healthy and their obvious chronic problems are overlooked and downplayed.

# DESCRIPTION OF INDIVIDUAL COMPLEXES OF RIFETECH® PLASMA



## 4.1. MICROBIOLOGY

### GENERAL PRINCIPLE OF THE FUNCTION OF MICROBIAL SETS:

To calculate the effective frequencies, we use physical conversion over the speed of light. To obtain the appropriate resonant frequency of a microbe, we divide the speed of light by the actual length of its DNA. We use both the speed of light in vacuum and the speed of light in living organisms for the calculation. Both types of obtained frequencies are then applied. A specific radiation frequency is thus obtained, the wavelength of which corresponds exactly to the length of the DNA, with which it “resonates”. The radiation vibrates and damages the DNA. This is because in electromagnetic waves, the same physical and mathematical laws apply as in sound waves and frequencies in music. It will not surprise anyone that a tone emitted by a tuner can sound another tuner if the latter is tuned to the same frequency. The laws valid in music will also be used in the subsequent conversion of the obtained resonant frequencies to lower harmonic frequencies, which can be used in the plasma generator. An example is the bacterium *Staphylococcus aureus*, whose resonant band is in the range of 376.270–381 kHz. However, frequencies calculated according to the length of the DNA can also be used: 842,048 kHz, 595,418 kHz, 297,709 kHz, 581 Hz, 145 Hz, 102,8 Hz, 72,7 Hz.

Using frequencies calculated by DNA length effectively alleviates the problem. In *Streptococcus agalactiae*, for example, this applies to joint pain. The method boasts a wide range of uses. In addition to DNA, the RNA length of individual subunits of bacterial ribosomes can be used as a basis for calculation. We are currently using this method to calculate the resonant frequencies of coronavirus COVID-19, based on the length of RNA found in new strains.

## APPLICATION

The following information gives you a brief insight into the unique know-how based on the many years of experience of our professional team and consultants around the world, with whom we are in intensive contact. This information summarizes the description of microbial loads, which we recommend to apply without the need for any previous diagnostics due to massive immunity rate. Of course, their frequent underestimation at the diagnostic level, which is caused by the improper setting of the Western health care system, can also have a deeper meaning.

Apply the sets of individual microbial loads preventively at least three times. If adverse reactions such as fatigue, joint pain, sweating, chills, diarrhea, tingling, poor sleep, headache, restlessness or other microbial-specific reactions occur, continue dosing until they resolve completely. Otherwise, the application of frequency sets could be compared to the use of one half of a dose of antibiotics. The aforementioned symptoms can be considered as desirable reactions of the organism confirming the presence of the given infection, gradual inactivation and subsequent detoxification.

**If you do not suffer from any acute problems, it is advisable to primarily eliminate the neurovirulent pathogens, i.e., pathogens invading the nervous system, as means of prevention.**

## NEUROVIRULENT PATHOGENS

For the proper functioning of the organism, internal homeostasis is necessary. This is provided by the autonomic nervous system. A dynamic control system that responds quickly to external and internal stimuli, and thus ensures the ability of adaptive changes in the body. Infections of said nervous system, even seemingly asymptomatic ones can, however, disrupt these regulatory and compensatory mechanisms, which are absolutely essential for the body's balance.

**The most common microorganisms characterized by strong neurovirulence include:**

## **HERPETIC VIRUSES**

### **Betaherpesvirus 6A and Herpesvirus 6B (Roseolovirus)**

Both viruses are present in up to 99% of the population. Like other herpes viruses, they too enter a state of latency, but may be reactivated under certain conditions. HHV-6 is present in increased amounts in patients with multiple sclerosis or Alzheimer's disease. This suggests that the virus may play an essential role in the pathogenesis of these neurodegenerative diseases.

### **Cytomegalovirus**

It is estimated that Cytomegalovirus (of the Betaherpesviridae family) is latently present in up to 90% of the population. According to the latest studies, however, the latency of this virus is only apparent. In CMV-infected individuals, it has been proven that their cognitive abilities decrease over time as a result of exposure to CMV.

Cytomegalovirus is also one of the world's most common congenital infections. In newborns, the main target of CMV is the brain, where it attacks stem cells that are necessary for normal brain development. This may result in developmental delay or developmental disorders of the central nervous system.

### **Human alphaherpesvirus 1**

Herpes simplex is a very common virus in the Herpesviridae family, infecting up to 80% of the population. HSV-1 attacks sensory nerve endings and travels to the dorsal root ganglia, where it remains latent. At any time in life, the virus can be reactivated by inducing debilitating factors such as fever or mental stress. Its reactivation, which can occur even without clinical symptoms, is usually associated with an increased levels in markers of neurodegeneration – oxidative stress caused by infection or the production of interleukin and other proinflammatory cytokines.

## **Varicella zoster**

Herpes zoster virus (HZV) is the cause of neurological complications such as encephalitis, aseptic meningitis, ataxia, cranial nerve palsy, Ramsay–Hunt syndrome, postherpetic neuralgia, radiculitis and myelitis

## **BORRELIA AND CO-INFECTION**

### **Infected ticks as a biological weapon?**

Using a bill passed by Republican congressmen, a group of US military leaders is trying to find out whether the Pentagon used infected ticks as a biological weapon. The lawmakers say it could not be ruled out that military researchers had done some experiments in the past, with the aim of infecting insects with Lyme disease. This was reported, for example, by The Independent in the UK. The case is also covered in a recently published book entitled “Bitten: The Secret History of Lyme Disease and Biological Weapons” focusing on the biological research conducted by the Pentagon. For example, a book by popular science author Kris Newby published in May 2019 quotes the discoverer of the disease claiming that Lyme disease is a military experiment that got out of hand. Lyme disease is an infectious disease spread by certain species of the *Borrelia* bacteria. The disease takes its name from the town of Old Lyme in Connecticut, US, where several cases of the disease were first described in 1975.

Another interesting fact is that the town is located just a few miles from the Plum Island Animal Disease Center, a facility that hosted a secret and controversial project for the biological defensive and offensive weapons program during the Cold War.

## Thirty years of flawed research

Parasitologists from the Biological Centre of the Academy of Sciences of the Czech Republic have announced a fundamental discovery concerning the transmission of Lyme disease from ticks to humans. Based on their experiments with sucking ticks, they described the way *Borrelia* is transmitted from parasite to host. With their findings, they debunked myths that had dominated the world of science for more than three decades. For over thirty years, on the basis of just a single study and no in-depth research, the generally acknowledged model introduced in the US was that *Borrelia* live in the tick's gut and that the moment the tick starts sucking, *Borrelia* are transferred from the gut to the salivary glands, then to the saliva and to the host. In 1987, a US study was carried out, during which ticks were injected with a substance that caused them to produce and release saliva. However, the problem is that the saliva isn't completely clean. For example, the gut contents will flow out with them. The authors of the study found some *Borrelia* in this saliva and therefore claimed that *Borrelia* enter humans through tick saliva. In fact, they came from the gut, as evidenced by the state-of-the-art research carried out by the Czech Academy of Sciences, invalidating a decades-long myth.

### ***Borrelia afzelii***

The most common causative agent of Lyme disease in Europe. This disease is the most common tick-borne infection in the Czech Republic and the most common anthroponosis (infection transmitted from animals to humans) in Europe. *Borrelia afzelii* is broadly classified under the *Borrelia burgdorferi* pathogen.

### ***Borrelia burgdorferi***

The most well-known, although in a narrower sense the least common causative agent of Lyme disease. The infection is spread by adult ticks and ticks in their lower developmental stages. The possibility of transmission by stinging insects is also being considered. The typical manifestation of the disease is an erythema migrans shortly after the bite – an enlarging reddened ring on the skin with a pale area inside. The typical symptoms of the later stages of the disease affect the joints, nervous system and the heart. In many people, the first stage of the disease is asymptomatic. As an intracellular pathogen that is tolerant to antibiotics inside cells, the disease is difficult to treat, especially in its later stages.

## **Borrelia garinii**

The second most common cause of Lyme disease in Europe. In a broader sense, it is included under the *Borrelia burgdorferi* pathogen.

## **Bartonella henselae, B. clarridgeiae, B. koehlerae, B. quintana**

Bacterial diseases transmitted to humans by ticks and fleas, mainly from cats and dogs. Inflammation persists at the site of the scratch and a crust gets formed. In addition, the lymph nodes swell – the so-called nodal syndrome. The disease is especially dangerous for those with a weaker immune system.

# **CIRCULATORY SYSTEM INFECTIONS**

Cardiovascular diseases have been a major cause in the last few decades for morbidity and mortality in developed countries. Nowadays, more and more evidence is appearing that cardiovascular diseases, including atherosclerosis and hypertension, are preceded by microbial infections.

## **Cytomegalovirus**

Cytomegalovirus (CMV) is a type 5 herpesvirus. It is estimated that the virus is present in up to 90% of the population. It has the ability to increase renin secretion, and thus contributes to the development of high blood pressure. The presence of the virus increases the risk of inflammation of the blood vessels and subsequent settling of the cholesterol particles. A study was carried out that examined the post-mortem brains of people with vascular dementia and cytomegalovirus was detected in 93% of the cases.



## **Chlamydia pneumoniae**

Chlamydia pneumoniae is a pathogenic intracellular bacterium that spreads by droplets and infects primarily the respiratory tract. However, more and more evidence suggests that Ch. Pneumoniae also contributes to the pathogenesis of a number of chronic diseases not previously considered infectious, including ATHEROSCLEROSIS.

## **Helicobacter pylori**

Although it is well known that H. pylori can cause gastritis, stomach ulcers and stomach cancer, it also may be involved in a number of diseases outside of the digestive tract, including cardiovascular disease. Patients with H. pylori infection have an approximately 3-fold higher risk of disease of the coronary arteries than those not suffering from H. pylori.

## **Schistosoma mansoni**

Schistosomiasis is the third most common parasitic disease in the world, and it also occurs in the Czech Republic. A person can become infected through any contact with contaminated water – drinking, bathing, but also just wading in mud or wet grass. A sign of the infection is a rash that occurs 12–48 hours after being in touch with the infected waters. Fertilized females settle in the venous plexuses of the internal organs, where they release eggs, which further migrate through the tissues to the lungs, where they cause granulomatous inflammation – the main cause of pulmonary arterial hypertension.

## **ODONTOGENIC INFECTION**

Untreated dental and periodontal infections can spread to almost the entire body. Dental infections can increase the risk of heart disease almost threefold. It was found that up to 91% of the patients with heart disease also suffer from periodontitis. Bacteria in the oral cavity can easily penetrate the brain and can also have a negative effect, for example, on the blood sugar level. In addition, some bacteria commonly present in the oral cavity may even cause the development of oncological diseases.

Periodontal disease is initiated by a group of oral pathogens that together form a biofilm (tooth plaque). These bacteria and protozoa can enter the bloodstream through the oral cavity and subsequently spread throughout the body.

### **Capnocytophaga gingivalis**

Capnocytophaga is a genus of bacteria which cause periodontitis, the formation of dental abscesses and necrotizing ulcerative gingivitis. These bacteria can penetrate the mucosal barrier and attack the bones. From the oral cavity, they can further expand into the lungs, where they cause chronic obstructive pulmonary disease. The bacteria have also been documented as part of the pathogenic microflora in the liver of alcoholics.

### **Capnocytophaga haemolytica**

In addition to the oral cavity, where it is the cause of inflammation, this bacterium as well as its relatives has also been reported as a cause of some serious diseases, such as arthritis and subsequent endocarditis (inflammation of the inner lining of the heart).

### **Capnocytophaga sputigena**

A common component in the oral microflora, this acts as a situational pathogen and can cause systemic diseases in immunocompromised individuals such as cancer patients.

### **Capnocytophaga stomatis**

The bacterium occurring in the oral cavity is also a situational pathogen; it has been discovered, for example, in wounds in humans after being bitten by a dog or a cat.

### **Eikenella corrodens**

It is one of the pathogens of the HACEK group, which is a common component of the human microbiota residing in the oropharyngeal region and which can simultaneously cause infectious endocarditis, involving the native valves

### **Entamoeba gingivalis**

The element invading the gums was found in the brain samples of the deceased patients with Alzheimer's disease.

### **Eubacterium nodatum**

Part of dental plaque; it is involved in the development of chronic periodontitis.

### **Fusobacterium nucleatum, Fusobacterium periodonticum**

Fusobacteria are part of dental plaque and can cause periodontitis.

It is also observed in colon cancer cells and is often also associated with ulcerative colitis; however, it has not been established whether these diseases are actually caused by these bacteria or the bacteria only grow in such an environment.

Although older sources indicate that Fusobacteria are part of the normal flora of the oral cavity and oropharynx, there is currently a consensus that Fusobacteria should always be regarded as pathogens.

### **Lactobacillus acidophilus**

It breaks down lactose and other sugars into lactic acid, thereby changing the PH in the oral cavity and influencing the development of tooth decay.

### **Methanobrevibacter oralis**

Like other Archaeobacteria, it may participate in the pathogenesis of Crohn's disease ulcerative colitis, chronic constipation, bacterial overgrowth of the small intestine or gastrointestinal cancer.

### **Parvimonas micra**

Part of polymicrobial odontogenic infections; it is rarely described as the causative agent for spondylodiscitis.

### **Porphyromonas gingivalis**

Porphyromonas gingivalis, a key pathogen in chronic periodontitis, has been identified in the brain of patients with Alzheimer's disease.

### **Prevotella intermedia**

This bacterium is often isolated from subgingival sites in people suffering from periodontitis and various types of gingivitis, such as gestational gingivitis or acute necrotizing ulcerative gingivitis.

### **Streptococcus mutans**

The main cause of tooth decay.

### **Tannerella forsythia**

Part of a complex of periodontal pathogens. T. forsythia was identified in atherosclerotic lesions. The presence of oral T. forsythia has been found to be associated with an increased risk of esophageal cancer.

### **Streptococcus sanguinis**

Common oral commensal – a natural part of the oral microbiome; if it penetrates the bloodstream, it may cause infectious endocarditis.

## **Treponema denticola**

*Treponema denticola* spirochetes can penetrate the gum tissues and circulate through the vessels and participate in the pathogenesis of cardiovascular diseases (atherosclerosis, arrhythmias, infarction). There is also a serious suspicion that it is involved in the development of pancreatic cancer.

## **CARCINOGENIC MICRO-ORGANISMS**

Statistics from the International Agency for Research on Cancer (IARC) show that approximately every sixth case of cancer is triggered by infections. However, it is generally stated that at least 20% of oncological diseases are caused not only by oncoviruses, but also by bacteria and some parasites via direct action at the DNA level or as supporting factors. Elimination of these pathogens may therefore reduce the likelihood of disease.

## **Papillomavirus (HPV)**

Widespread in the population, this is a virus known primarily to cause cervix cancer. Infection is a significant cofactor that facilitates cancer together with *Chlamydia trachomatis*. However, cervical cancer is not the only disease that is associated with HPV infection. Human papillomaviruses attack various sites on the bodies of both men and women.

## **Helicobacter pylori**

Every second person in the world is thought to be infected with this pathogen. However, long-term infection can, in addition to gastritis, potentially damage DNA and cause stomach cancer.

## **Hepatitis B, C**

Hepatocellular carcinoma is the third most common cause of death. In the Czech Republic it is one of the more uncommon tumors. The highest incidence of hepatocellular carcinoma is in countries with high prevalence and perinatal transmission of Hepatitis B and C viruses (East Asia).

## **Escherichia coli**

Studies in humans have shown that metabolite colibactin is produced by the intestinal bacterium E.coli that infiltrates and alters the microenvironment for colorectal cancer, resulting in the formation of growth factors that accelerate tumor growth while suppressing the anti-tumor immune reactions.

## **Epstein-Barr virus**

This widespread herpes virus can potentially cause Hodgkin's lymphoma or Burkitt's lymphoma Nasopharyngeal cancer.

## **Human herpesvirus 8**

A herpes virus that causes Kaposi's sarcoma in immunodeficient individuals.

## **Cytomegalovirus**

As the name suggests, Cytomegalovirus has the ability to enlarge host cells. It propagates by blocking apoptosis through the mitochondria. CMV infection has been shown to be one of the key factors contributing to the progression of breast cancer as it blocks apoptosis of cancer cells. The mechanism used to suppresses cell apoptosis is similar to that of glioblastoma.

## **Fusobacterium periodonticum**

The bacterium is found in colon cancer cells; however, it has not been determined whether the disease is actually caused by it or only grows in this environment.

## **Toxoplasma gondii**

As part of an American study called the American Cancer Prevention Study-II Nutrition of the Year 2021, it was found that people infected with *T. gondii* have a higher probability of developing cerebral glioma.

## **Treponema denticola**

The enzyme oral bacterium *T. denticola* proteinase (Td-CTLP) plays a role in carcinogenesis in the oral cavity (tongue), but also in the gastrointestinal tract, including pancreas.

## **Schistosoma haematobium**

Motolice is one of the few parasites whose occurrence in the Czech Republic is officially recognized. *Schistosoma* is regarded as a strong predisposing factor for the development of bladder cancer.

## **Clonorchis sinensis**

Bile mite parasitizes in the liver of humans, pigs, carnivores and rats. Infection with this motolice has a demonstrable carcinogenic effect on the bile duct epithelium and can lead to bile duct tumors (cholangiocarcinoma). Therefore, in 2009 the species was to the list of first-category carcinogens of a biological nature.

## 4.2. DISEASES

Frequency doses always target individual diseases, represented by a list of symptoms classified by the Western medicine. Based on the conclusions of naturopaths, alternative doctors and other holistic professionals around the world, the basic premise is that there is a microbial background behind most diseases of our civilization.

Doses of frequencies combine the effect on the disease + specific microbes + immunomodulation and detoxification frequencies + biofield support frequencies, and more. These compositions are not a direct know-how of our company. The microbial frequencies at these doses affect the cell membrane of microbes, not directly their DNA or RNA. In case you want to apply microbial frequencies from our original database, it is necessary to consult the application with a specialist from our professional team led by RNDr. Dagmar Jančová, Ph.D., who will provide you with a list of microbes specific to the given disease.

Every year, Western society faces a massive increase in diseases of civilization such as diabetes, cancer, atherosclerosis and more. These diseases are usually collectively referred to as "welfare diseases" and their possible infectious background is largely tabooed and overlooked. The situation in contemporary healthcare remains the same despite the fact that in 2005 Australian doctors Barry Marshall and Robin Warren were awarded the Nobel Prize for their discoveries that proved that gastric ulcers are caused by the spiral bacterium *Helicobacter pylori*.

As early as the early 1980s, the first works of German virologists appeared pointing to the presence of Papillomavirus DNA in cervical cancer biopsies.

Research of Professor Flegr and other scientists from the Faculty of Science at Charles University demonstrates a direct link between the rise of diseases of civilization, including cancer, and the parasite *Toxoplasma gondii*.

These facts, which point to the possible infectious cause of most diseases of civilization, are still being overlooked to this day. However, even in the treatment of demonstrably infectious diseases, modern medicine increasingly fails. The flu virus changes every year and is unpredictable. When a virus mutates, vaccines and drugs are becoming ineffective, which is why the modern society today is plagued by a global pandemic. Another problem of the modern medicine is an ever-increasing consumption of antibiotics, which was warned against by the World Health Organization (WHO), as well as by numerous experts.



## APPLICATION

Because the included frequencies consist of rather complex frequency compositions, taking into consideration a wider spectrum of factors including a number of microbial loads, the individual user reactions are often difficult to predict. When applying, it is necessary to consider the specifics of the disease, such as the level of sugar for the application of complexes for diabetes and to take into account the correct dosage of insulin. At the same time, we recommend consulting with a holistic person, doctor or other naturopathic expert after the occurrence of adverse reactions.

### 4.3. STABILIZATION COMPLEXES

The database contains 30 unique frequency batches to support stabilization and regulation of organs and systems and the metabolic processes in the body. These complexes are recommended not just as a support for microbial sets. They can also be used separately as treatment of a specific organ or system, as well as adjustment of the metabolic process. You will find here the universal frequency doses with antiviral, antibacterial or antiparasitic effects and very functional sets on the regulation of the energy-information exchange in the organism, detoxification or regulation of the metabolism.

## APPLICATION

The sets contained in the Stabilization complexes should not be combined in any way or applied repeatedly within one day. When used to support a weak organ system we recommend using them one at a time. In case you want any of the frequency sets incorporated into a comprehensive treatment course, you should use a professionally compiled therapeutic plan.

## 4.4. REVITALIZATION AND DETOXIFICATION

### GENERAL PRINCIPLE OF THE REVITALIZATION FUNCTION AND DETOX SETS

These frequencies were obtained by electroacupuncture, whereas most of the frequencies come from homeopathic nosodes of healthy organs and tissues. These frequencies have the potential to recalibrate the organs and tune them to the correct bio-norm frequency.

The list also contains frequencies simulating the effect of the cell salts that provide a healing impulse to which the organism responds positively

**The frequency doses in this complex combine 3 specific functions that we will describe below.**

### DESCRIPTION OF INDIVIDUAL FUNCTIONS

#### DETOXIFICATION

Low-frequency pulsed electromagnetic fields pass through each cell, and induce weak electric currents. This leads to changes in the surface potentials of cells, changes of the cell membrane permeability and improvement of the blood circulation, resulting in the acceleration of the detoxification processes.

## REVITALIZATION

Cells and parts of cells form biological electronic circuits through which they receive and transmit electromagnetic signals. You can select the correct frequency code used to activate cellular processes in order to accelerate wound healing and regeneration, increase the production of antioxidants, reduce pain, speed up metabolism or stimulate the hormone production.

## HARMONIZATION

### SCHUMANN'S RESONANCE

Schumann resonance (SR) is the frequency at which the electromagnetic field oscillates above the earth's surface under the ionosphere in the range of 3 to 300 Hz. The basic value of the Schumann resonance is 7.83 Hz. This frequency corresponds to some functional frequencies of the human brain located between the alpha and theta frequencies.

Alpha waves with a frequency of 8 – 12 Hz predominate in the state of relaxation and rest, improve the quality of sleep and learning, and can increase your productivity and even immunity.

Theta waves (4 – 8 Hz) are activated during deep relaxation, meditation and in some phases of deep sleep. During these frequencies, long-term memory, as well as the ability to find unusual solutions improve.

### SOLFEGGIO FREQUENCIES

These frequencies were apparently used in the old Gregorian chant. Many of these works have been lost but it was believed that the particular tones of these tunes brought immense spirituality and blessings during ceremonies. Thanks to Dr. Joseph Puleo, these powerful frequencies were rediscovered and can now be used for treatment.

### UT – 396 Hz Liberating the feeling of guilt and fear

This frequency can be used as a means to achieve one's goals and is beneficial when dealing with feelings of guilt, which are often one of basic blocks in personal development. This Solfeggio frequency can also be used to achieve awakening, sobering up and returning to reality.

### RE – 417 Hz Feedback and facilitating changes

This frequency is associated with resonance and empathy. The RE tone can help a person heal a disconnection from the Source and return this to the original state. It clears traumatic experiences and erases the destructive effects of past events. It can also be used to remove restrictive feelings or impressions that prevent a person from achieving their life goals. The RE tone energetically supports cells and DNA to function in an optimal way, so that they can supply energy to your body.

### MI – 528 Hz Transformation, miracles and DNA repair

This frequency serves to return human DNA to its original, almost perfect condition. As DNA is repaired, beneficial effects occur to the biofield, clarity, mind, subconsciousness and creativity and the human body enters a state of a deep inner peace.

### FA – 639 Hz Cohesion, Relationships, Brain Harmonization

This frequency helps in interpersonal relationships, allows you to create harmonic communication and form harmonious interpersonal relationships. It can be used to solve relationships problems, problems in the family, between partners, friends and to solve social issues. If we talk about processes at the cellular level, this frequency supports the communication of cells with their surroundings. This ancient Solfeggio frequency enhances communication between people, understanding, tolerance and love. This frequency can also be used to communicate with parallel or spiritual worlds.

### SOL – 741 Hz Expression, Solution, Nonlinear knowledge

This frequency cleanses cells of toxins. Frequent use of this frequency leads to a healthier and simpler way of life.

## **THE 25 Hz FREQUENCY**

The frequency of 25 Hz is very beneficial for health. It has been found that cats purr at around the frequency of 25 to 50 Hz, and this frequency is also best for bone reinforcement. NASA has provided astronauts with vibrating tapes mimicking cat purring for many years, as this helps reduce and compensate for bone thinning that astronauts experience as a result of prolonged exposure to low-gravity environments.

## **NOGIER FREQUENCY**

French doctor Dr. Paul Nogier, in collaboration with his patients, identified seven frequencies of the natural cells of our body.

292 Hz – Cell vitality

584 Hz – Nutritional metabolism

1168 Hz – Motion

2,336 Hz – Coordination of both brain hemispheres and stress reduction

4,672 Hz – Nervous system

73 Hz – Emotional reactions

146 Hz – Intellectual organization

## **50 Hz – HIPOCAMPUS**

In a scientific study, it was found that exposure to electromagnetic radiation at a frequency of 50 Hz with low intensity has a significant positive effect on the formation of new neurons in the hippocampus – the area where memory and emotions reside, among other things.

## APPLICATION

Since these are not complexes acting on DNA / RNA microbial loads, the decomposition and subsequent release of which can burden the body, it is not necessary to dose these sets in a systematic way. Use a frequency composition optimal for your intended revitalization or detoxification needs, and apply regularly.

Harmonization sets such as Schumann resonance, Solfeggio frequency, etc. act on Individual brain functions, energy centers and pathways and their impact can be individual depending on the psycho-energetic state of person.

### 4.5. IMMUNE SYSTEM

#### GENERAL PRINCIPLE OF THE FUNCTIONING OF THE IMMUNE SYSTEM

There are many studies showing that electromagnetic field stimulation with low frequencies can affect immune cells. In case of damage, the tissue emits an "alarm signal" followed by the excretion of anti-inflammatory substances. Electromagnetic signals also activate homeostatic mechanisms that control the immune system response.

The immunomodulatory effects of the plasma generator consist in the imitation or amplification of these natural electromagnetic signals. With low frequencies, it is possible to activate a response to "danger signals" and thus modulate immunity.

## APPLICATION

Vaccinations to support the immune system, including current vaccines on Covid-19, is a system-economic solution that is full of risks. The following facts were scientifically proven, but unfortunately they are not published in mass media.

With advancing age, the human immune system becomes weaker. The weaker the immune system, the less antibodies it produces, so the benefits of vaccination are reduced and the risk of adverse side effects increases.

To prevent infection, the immune system does not primarily need an antibody (as promoted by proponents of vaccination), but in addition to white blood cells that must be rather healthy it also needs strong B-lymphocytes and NK cells. Those who have enough active B and NK cells usually do not get sick. Additional assistance via antibodies is only necessary in the case of a very severe infection. Both B-lymphocytes and NK cells can be trained very well and this increases their number and quality. Instead of confronting the body with active harmful pathogens (as part of the vaccination mechanism), it is possible to train the immune system with completely harmless frequencies, such as "Immune Training" frequencies. Only 30 minutes of daily training can substantially strengthen the immune system. It takes several days for the infection to fully occur, if this infection is detected during the incubation period, the application of frequencies can stop the full development of the disease.

It is also important to know the quality of the immune system and whether there is silent inflammation in the blood. If hs-CRP is high and there is a silent inflammation in the blood, the immune system becomes unnecessarily busy. Thanks to immune training and a dose of "Lipid Metabolism", these can lead to the inflammations disappearing and the immune system being sufficiently strengthened.



# FAQ

## MOST FREQUENTLY ASKED QUESTIONS AND ANSWERS

### **How many therapy sessions can be applied per day/week?**

When selecting the optimal time period for the application of each dose, the four basic effects of the kits should be taken into account:

- Revitalizing and detoxifying effect – the application duration of these kits does not need to be limited, they can be applied several times a day until the desired revitalizing or detoxifying effect is achieved.
- Immunomodulatory effect – in this case it is good to apply the kits regularly for at least half an hour each day, see section 4.5. Immune system. If you have been officially diagnosed with an autoimmune disease, we recommend that you only take the Immunity Stabilization dose, not the Immunity Stimulation one.
- Harmonizing effect – the effect of these kits can also manifest itself on a psychoenergetic level, e.g. by improved mood, sleep quality, etc. The correct time period of these sets must therefore be determined individually or in interaction with the SI Aureola system.
- Inactivation of pathogenic microbes at the DNA/RNA level – in this case, the therapy of one person should not exceed approximately 2 hours, and in general we do not recommend acting on more than two microbes at once. Otherwise, adverse detoxification or immune system's reactions may occur.



## **How long does it take for the proper effect of the RIFETECH Plasma application to take place?**

The success of therapy depends on several factors, such as the state of the immune system, persistence of the pathogen, especially at the stage of development of the infection or the presence of others coinfection. On average, five applications are required to inactivate a particular pathogen.

The maximum spacing between applications should not exceed one week.

If a person has a strong condition, the effect of frequency application may slowly decrease over time and some the symptoms may return after a period of improvement. In this case the application should be continued and after each subsequent application the positive effect will be reinforced until the issue disappears completely and the overall condition improves, which can be considered as successful suppression of infection.

If the infection is suppressed at an already chronic stage, it is necessary to take into account the fact that even after overcoming it, the consequences for the given infection may persist. In such cases, of course, it is necessary to consider that bringing the organism into an optimal balance can be a long-term process that needs the involvement of other components of the holistic medicine.

As part of the process of inactivation of a specific infection and subsequent establishment of an optimal balance in the organism, it is important to take care to avoid reinfections, especially in case of extremely infectious microbes. Reinfections can significantly disrupt the speed and effectiveness of the therapy. To reduce the risk, apply relevant frequency sets on all members of the household, ideally including animals. For similar reasons, we also recommend regularly disinfecting your home, including beds, using ozone or UV light.

## **Does a garment or blanket reduce the effectiveness of the therapy?**

RIFETECH Plasma works with low and medium frequencies, which easily pass through any fabric.

### **How far from the client should the device be located?**

For the treatment of the whole body, the ideal position is lying in direct proximity (about 0.5 meter) to the machine. For topical treatment, expose the desired part of the body as close as possible to the tube and take advantage of the higher efficiency of the EM field, reducing the distance. When a close proximity isn't possible for whatever reason, a distance of up to 2 square meters is generally allowed for an effective influence of the Plasma generator.

### **What is the recommended distance of the operator from the machine?**

It is not recommended for the therapist or operator to be present for a long time during the application of frequency doses near the device in order to avoid a possible overstimulation which may result in awakening of latent microbial loads, overloading of the detoxification system and a possible overstimulation of immunity. Therefore, the therapist should be in a different room or on the other end of the same room during the application of frequencies on a client.

### **Can the application of RIFETECH Plasma also affect beneficial microbes?**

The entire microbial database of RIFETECH Plasma is focused only on pathogens and microorganisms that are clearly undesirable for the body. We only deal with the controversial microbes within the intestinal microbiome. In case of their overpopulation due to imbalances caused by negative lifestyle factors (unhealthy diet, excessive use of antibiotics) they can become very pathogenic or carcinogenic, both directly and in the gut. A clear example is *Escherichia coli*, which can cause a variety of inflammations and its involvement in the development of some tumors is described in the section "Carcinogenic microorganisms". If, through specific frequencies, we act in a targeted and non-invasive manner on their genome, the optimal intestinal microbiome is thus only minimally disrupted and affected. The action of these specific frequencies is able to take place in a very short time and returns the microflora to the optimal state (unless it is disturbed by other severe factors that the machine can't control). To support the proper function of the intestinal microbiome we also recommend using quality probiotics, which you will find in our portfolio at [www.zivotvlahvi.cz](http://www.zivotvlahvi.cz).

### **What dose to apply if I do not have a deep insight into the problem and yet I want to quickly see the effectiveness of RIFETECH Plasma?**

For these purposes, we recommend the Universal Program dose (Diseases complex), which has proven to be very successful in the practice of MUDr. Petr Lukeš. This is a selection of frequencies with a wide spectrum, thanks to which you can quickly see the quality of the therapeutic signal of RIFETECH Plasma. To see the benefits for other issues, you can use Healing Frequencies, Bacterial Infections – General or Viral Infection.

### **Is the field generated by RIFETECH Plasma completely safe?**

RIFETECH Plasma generates a pulsed low-frequency field as well as electromagnetic radiation of low and medium frequencies. It does not therefore interfere with the harmful area of the microwave or ionizing radiation. The intensity of the magnetic and electrical components is balanced, so that the field safely passes through the organism while reaching therapeutic effect. It does not exceed the level of 100 nT and 0.5V / m in order to strictly prevent any risk of the occurrence of harmful electromagnetic radiation.

### **Can RIFETECH Plasma also affect human cells?**

Dr. Hulda Clark experimentally discovered that human cells respond only to radiation with a frequency exceeding 1 MHz. The fact that human cells, like the cells of other mammals, cannot be disturbed by low-frequency waves, can be attributed to the internal organization and internal structuring. The eukaryotic cell is undoubtedly different from a cell with a bacterial presence in the inner membranes and the cytoskeleton, a kind of microscopic inner skeleton which ensures the interconnection of cellular structures. It is therefore not possible to attack individual subcellular structures separately, as is the case with viruses and bacteria, where they are stored relatively loosely.

### **Is it recommended to use RIFETECH Plasma at night?**

The application of RIFETECH Plasma during the night or immediately before falling asleep may interfere with the quality of your sleep, especially because of the initiation of detoxification processes in the organism. This may manifest as increased sweating, an urge to go to the toilet, increased activity of some organs, especially the liver ( see the organ clock: 23-01 gallbladder, 01-03 liver, 03-05 lungs, 05-07 large intestine, 07-09 stomach).

### **Is the “carrier frequency” necessary for the proper efficiency of the plasma generator frequency?**

According to some sources, the carrier frequency increases the effectiveness of therapy and serves as a "needle" that carries an antibiotic into the body. In reality, however, as the frequency of the electromagnetic radiation grows it generally decreases its ability to penetrate the mass, and therefore the high carrier frequency is counterproductive. On the contrary, the low and the medium frequencies emitted by RIFETECH Plasma guarantee high penetration of the therapeutic signal.

### **In which cases is the application of RIFETECH Plasma not recommended?**

- **Pacemakers**

It is generally not recommended for patients with a pacemaker to use RIFETECH Plasma. Although modern pacemakers are shielded, there is still a risk of failure due to the EM field emitted by the plasma emitter. People with pacemakers may therefore use the device only at their own risk, provided that they leave the lamp at a distance of at least 2 meters from their body. A person vitally dependent on the function of the pacemaker should not use the device under any circumstances.

- **Pregnant women**

The application of RIFETECH Plasma is not suitable for pregnant women, namely due to the risk of awakening of latent microbes and burdening of the detoxification system. These phenomena were not researched more closely and so could potentially have a negative effect on the optimal fetal development. Another reason is the possibility of greater blood circulation, especially in the area of the small pelvis, which can lead to complications. In any case, contact application of the plasma lamp is not recommended during pregnancy. We do not recommend using this device even on breastfeeding women due to a potential risk of the release of undesirable toxins into the milk caused by detoxification of the organism. Women planning to have a child and their partners should undergo comprehensive detoxification before considering RIFETECH Plasma.

- **Cancer patients**

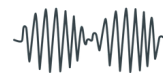
For cancer patients, the application of RIFETECH Plasma is possible solely at your own risk and ideally under the guidance of an experienced therapist in combination with professional medical care. The reasons for this are mainly the risks of congestion in the detoxification system and unpredictable reactions of the immune system, especially if there is a possible crossover of RIFETECH Plasma application with chemotherapy, etc.

### **Is the RIFETECH Plasma application also suitable for children?**

We recommend therapy for children from 3 years of age in cases of acute infections, as RIFETECH Plasma application is certainly a much gentler solution than, for example, repeated use of antibiotics. However, we do not recommend regular applications for the purpose of preventive detoxification as in this case a disruption to the development of the immune system may occur.

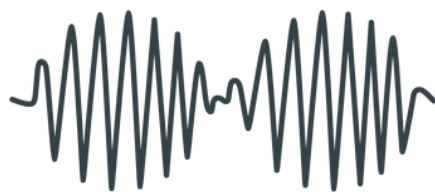
**If I experience intense effects after the application of the frequencies, is it desirable to prolong the duration of the frequencies?**

If you experience intense effects after the application of the frequencies, it is very likely that these are the symptoms characteristic of the targeted pathogen that is being affected and we can consider this as a confirmation of its presence in the organism and that we have identified the problem correctly. Very often such reactions are observed, for example, when applying frequencies on Chlamydia. During the program, clients may experience burning eyes, severe fatigue and other typical symptoms for this infection. Strong reactions to some of the frequencies can of course be the symptom of other biological reactions of the organism and in any case you can make a decision to prolong the duration of these frequencies. In this case, you can use "HOLD" button to extend the duration. However, at frequencies with microbial efficiency, the reactions may be too strong and therefore we do not recommend prolonging the application for more than 20 minutes.



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## NOTES



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