## Prospects for the use of bioresonance therapy in the treatment of patients gastroenterological profile NOT. Jovanovic (Treatment and Diagnostic Center "Resonance", Dnepropetrovsk, Ukraine)

Bioresonance therapy is a unique method of therapy using the patient's own electromagnetic oscillations, which is, as it were, a combination of centuries of experience and modern technologies. Modern science has confirmed the centuriesold empirical experience of ancient doctors and their approaches to therapy, aimed at activating the healing forces of the body itself, at using techniques that are useful for a particular patient and that involve gradual penetration during the pathological process.

We can be proud that the first person who touched upon the priority role of the processes of energy regulation of life was the Russian scientist A.G. Gurvich, who discovered in 1922 the phenomenon of "mitogenetic radiation", which postulated the idea of a "regulated biofield". In the 30s, another scientist (Lakhovsky G.) first pointed out electromagnetic resonance communication in the transmission of biological information and the fact that life arises and is controlled by radiation. And only in 1964 a publication on the topic "Biological effects of the influence of magnetic fields" appeared in the USA, a book by Academician AS Presman appeared. "Electromagnetic fields and life", and finally, in 1981, the work of VP Kaznacheev, LP Mikhailov was published. "Superweak radiation in intercellular interactions", which can be considered fundamental, because in them with the help of precise methods the reality of the existence of electromagnetic intracellular and intercellular interactions was proved ("Electromagnetic bioinformation"). And every time when transmitting information, the defining moment is the coordination between the transmitter and the receiver, i.e. a necessary condition for receiving information is the system's understanding of the relevant information: information must be adequate to the system (resonance). Everything in any way functioning in our world is subject to the laws of control and regulation in force in the information sphere. a necessary condition for receiving information is the system's understanding of the relevant information: information must be adequate to the system (resonance). Everything in any way functioning in our world is subject to the laws of control and regulation in force in the information sphere. a necessary condition for receiving information is the system's understanding of the relevant information: information must be adequate to the system (resonance). Everything in any way functioning in our world is subject to the laws of control and regulation in force in the information sphere.

Today it is considered proven that the body and its functional systems are a source of ultra-weak electromagnetic oscillations in a fairly wide frequency range, thanks to the greatest works of the IMEDIS Center and the publication of books by Yu.V. Gotovsky and A.V. Samokhin.

Oscillation is a process in which a periodic (or almost periodic) change in physical quantities occurs.

Resonance is a phenomenon in which the frequency h of the external force coincides with the frequency V of free vibrations of the system, while the amplitude of the vibrations increases sharply.

Interference is the phenomenon of an increase or decrease in the amplitude of the resulting wave as a result of the addition of two or more identical periods of oscillation.

Everything material consists of chemical elements. One chemical element differs from another in the number of protons in the nucleus, as well as in the number and distribution of electrons around the nucleus. There is an interaction between the nucleus and the electrons through an electromagnetic field. For each chemical element, the wave characteristics of this field are specific.

Field interaction can also occur between the nuclei of various chemical elements and their electrons. Electromagnetic interaction of the nucleus of one chemical element with the electrons of another chemical element and there are chemical bonds.

Electromagneticinteractionbetween charged particleschemical elementsleads to the formation of molecules. Mutualthe attraction of oppositely charged particles and the mutual repulsion of like-chargedparticles affect the nature of the structures of the emerging molecule.

All types of chemical bonds, being an electromagnetic field and possessing wave properties, have energy-informational characteristics.

Since all types of connections are due to the electromagnetic field, the dynamic processes in these connections occur according to the laws of quantum wave physics.

The rupture of chemical bonds formed by toxin molecules, other pathogenic factors, with membrane receptors, enzymes and other biomolecules is possible with their corresponding causal damage.

"It is regal to treat the causes that have led to the disease." (S. Hahnemann)

According to the Center for Medical Statistics, in Ukraine, the incidence of gastric ulcer and 12 duodenal ulcer (Duodenal ulcer) over the past 10 years has increased by 38.4% [3].

Primary disability of patients with gastric ulcer and duodenal ulcer in our country is on average 17.1% of all gastroenterological diseases. The dispensary has about 1 million patients, of which every second was hospitalized, and every third lost the ability to work more than once a year [4].

Among the etiological factors that cause the development of gastric ulcers and duodenal ulcers, along with the damaging effect on the gastric mucosa and duodenal ulcer, Helicohaster rulori, genetic presumptiveness, alimentary and medicinal factors.

Of great importance are disorders in the activity of the nervous system that arise in its central and vegetative parts under the influence of negative emotions, overstrain during mental and physical work, viscero-visceral reflexes, etc.

Due to the fact that the motor function of the stomach and duodenum is controlled primarily by the autonomic nervous system, psychosomatic and autonomic influences play an important role in the pathogenesis of gastric ulcer and duodenal ulcer.

With an increase in the tone of the vagus nerve, due to various stressful influences, motor activity is activated

gastroduodenal zone; changes in the reactivity of the gastric glands to various stimuli –1 histamine, gastritis, food, etc. There is a violation of trophism and functional activity of the mucous membrane of the gastroduodenal zone with the development of ulcerative defects in it.

Therefore, in the complex pathogenetic therapy of peptic ulcer and

LDPK, especially in the early stages, can be effectively used sessions of bioresonance therapy using induction programs

"Antistress", "psychoemotional correction", "elimination of anxiety syndrome", "Schumann waves", "endocrine regulation". The use of these modes helps:

- eliminate the complex of anxiety-neurotic manifestations anxiety, tension, fear, psychovegetative disorders, sleep disturbance;
- to ensure the maintenance of the usual rhythm of life, social activity;
- to reduce the number of side effects;
- enhance the effect of basic therapy;

In addition, this method of treatment is easy to use and economically available.

Today we diagnose less and less chronic bowel diseases and more and more functional ones. These diseases are associated with the fact that the central nervous system gives the wrong signals to the executing organ, that is, the stomach. And because of this, the work of other organs involved in digestion is disrupted.

The causes of functional diseases of the gastrointestinal tract are environmental pollution and stress.

In these conditions, good effects are obtained as a result of the use of the frequency spectrum of drugs:

OHOM SIN - having a symptomatic effect, effectively eliminate or weaken the main symptoms of the disease.

OHOM DRE - preparations that activate drainage processes. OHOM DIS - drugs that stimulate and carry out detoxification processes.

OHOM RIGE - drugs that generate "bioenergy of cells", triggering mechanisms of recovery and reconstruction in cells and tissues.

OHOM CAT - drugs that restore the activity of cellular respiration processes.

Vegetative resonance test is one of the diagnostic resonance technologies, which include:

- segmental electrography;
- biofunctional diagnostics;
- resonant frequency diagnostics based on one reproducible point using a test of pointers to a problem in the form of a nosology or the cause of their occurrence.

The spectrum of frequencies resonating with the human body has a very wide range. But to clarify a specific issue, a set of resonating frequencies must be presented as an inductor.

The use of morphological diagnostics according to specially developed morphological scales makes it possible to quickly, economically,

non-traumatic, effective examination of a group of people. Moreover, with such screening, depending on the task at hand, patients with pre-cancer processes and latent forms of an asymptomatic cancer process can be detected.

The most important thing is that with the help of morphological scales, it is possible to diagnose cancer and pre-cancer processes of any localization. Moreover, in some cases, this diagnosis has a significant advantage, because in the presence of cancer in the initial stage, we may not get cancer cells in punctates, and with contraindications to research for sampling, it can become the first line choice method.

When interpreting the results of measurements on these scales, we proceed from the basic provisions of the scale of Academician D.S. Sarkisov. on the structural foundations of homeostasis, on the ratio of structural and functional in health and disease.

The outline of the picture according to morphological scales is presented in the language generally accepted for any doctor. It is the language of general pathology and pathological anatomy.

For ART and BRT, the following devices are used:

1. APK "IMEDIS-EXPERT".

2. Apparatus "MINI-EXPERT-D".

Experimentally described in methodical recommendations structural resonance therapy (STT) is one of the options for exogenous bioresonance therapy. In clinical studies, using biopotentialography, the frequencies of spontaneous bioelectric activity (SBA) were determined for some organs, and for others they were obtained theoretically using certain mathematical laws. So, for example, the repetition rate of spontaneous bioelectric impulses of the stomach is

0.043 Hz, descending intestinal membrane - 0.064 Hz. These two values relate to each other with a coefficient of 3/2, and each is a reference for the rada characterizing the SBA of other organs or levels of organization of the nervous and other functional systems of the body.

Thus, the frequency of the CPT therapeutic signal corresponds to the frequency of biopotentials that prevent the functioning of various organs in a normal (physiological) state.

However, there is one peculiarity - not all organs have SBA. It turned out to be possible to effectively correct their pathology, using a frequency range close to the absolute refractory phase of the perception of nerve impulses.

To date, 19 clinically significant therapeutic signals (CPT) have been worked out, differing in the envelope and carrier frequencies, on the basis of which the modes of electromagnetic exposure have been developed for using these frequencies in certain combinations.

The devices have a therapeutic unit, which is a pulse generator designed to generate frequencies that modulated contribute to the correction of various organic and disorders in functional the human body. For achievement structuring the physiological level requires exposure, the value of which corresponds to the regenerative capabilities of specific organs. For example, the healing of dystrophic lesions of the mucous membranes of the gastrointestinal tract can be completed in 36–120 hours, and the complete healing of a trophic skin ulcer takes from 1 to 10 months. Phontome pain after trauma (including postoperative) can be erased from the "memory" in one or two sessions.

One of the important points is the use of a "destabilizing" mode of exposure. The destabilization mode helps to unbalance the existing pathological stereotype of the disease.

Frequency modes, in accordance with the experience of treating many diseases of various organs, are combined into four groups:

1) for organs with their own SBA, mode No. 1 is used - pathology food, stomach and duodenum; mode number 2 - skin and subcutaneous tissue; mode number 3 - broncho-pulmonary system, large intestine and anus;

2) correction of the functions of the nervous system and dyskinesia of various origins;

3) non-specific effect on any organ and tissue through

entering into resonance with elements of structural and functional units;

4) with increased or decreased sensory, motor and secretory functions, the corresponding modes are used: a universal blocker or a universal stimulator.

When studying the clinical efficacy of BRT, which was carried out at the Research Institute of DMYA MZRF and SPC TIG MZRG, it was noted that the therapeutic effect is achieved in the treatment of patients with various diseases. A positive effect was obtained in 95.2% of the studied patients, without improvement - in 4.8%.

Improvement was understood as: the possibility of reducing the dose of drugs, complete or partial cancellation of other types of treatment, but with the need for longterm maintenance BRT, improvement of well-being and condition against the background of ongoing initial pharmacotherapy.

## conclusions

Thus, BRT is used in the practice of treating various types of pathology. However, the effect of treatment is achieved faster in the presence of functional abnormalities such as: intestinal dysbiosis syndrome, flatulence syndrome, functional diarrhea, chronic constipation, IBS.

In the presence of organic pathology, the tactics of patient management is much more complicated.

The main requirement for the conventional therapy of diseases in complex pharmacotherapy, or against its background, a significant reduction in the need for multicomponent effects. Individual prevention of exacerbations of chronic diseases - improving the quality of life of patients.

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