Bioresonance Diagnostics and Therapy - Clinical Application quantum mechanics A.S. Kiriyak, Yu.F. Kiriyak (Research Institute of Maternal and Child Health Protection of the Republic of Moldova, Chisinau, Moldova)

Science has already opened the veil of obscurity over the existence of subtle and subtle energies and partially already recognizes them, however, research in this area is still at the very initial stage, despite the fact that some facts and observation results urgently require clarification. The wave of information explosion that occurred in physics in 60-70s of the twentieth century, nowadays more and more is shifting into the field of biology. The physics of living matter attracts specialists in various fields of knowledge. The questions that biology poses to the fundamental sciences force us to revise the classical, well-established principles of physics and chemistry. In turn, the introduction of physics and chemistry into the sphere of biology reveals the most complex interactions between the elements of living systems, which radically changes the established concepts of the essence of life as a whole.

Doctor XXI century, practicing in conditions new powerful information technologies, which have become the impetus for the scientific and technological revolution, colossal in its scale and speed of development, must, at least simplistically, understand the field of biophysical processes, quantum physics and information bases of bioenergy, in order to clearly imagine the most complex interactions in a living organism occurring on at all levels from micro to macro, for the conscious application of modern medical technologies in diagnostics and therapy, using the unlimited possibilities of computer technology.

Currently, two physical forms of the existence of matter are recognized substance and field. Substance- a material substrate consisting of particles with a rest mass, i.e. mass available for measurement by modern technical means. Particles at different levels of organization have rest mass: some elementary particles, atoms, molecules, aggregations (solids, liquids, gases), etc. Fieldmedium, represented by subelemental particles, i.e. particles that have no rest mass. The field provides interaction between particles of matter at any level of organization of matter. Since modern equipment is not able to measure the rest mass of the particles that form the field, the main characteristic of this form of matter is energy. There is a relationship between mass and energy, expressed by Einstein's equation E = mc₂,

where E - energy, m - weight, s - speed of light in vacuum - the main meaning of Einstein's equation is to confirm the unity of matter and field. A substance can only exist in a field. The field determines the basic level of the structure of the substance and the forms of its movement. The primary structure of the field is presented in the form of waves of various frequencies, amplitudes, shapes and vectors. The secondary structure of the field is determined by the density gradient of its waves. The rise in the density of the energy charge of the field above the critical level transfers matter from the state of the field to the state of matter. Energy density charge provides a gradient zone of concentration of elementary particles, turning them into a material object [10, 3, 6].

The process of structurization-destructuring of matter is one of the main forms of its movement. Living matter is always in a state of physicochemical disequilibrium through the formation of

the corresponding structure. Elementary particles, rotating around their own axes, contribute to the emergence of microcurrents and micromagnetic fields, where electrons thus become electromagnets, which are combined for each system into one total field, structurally organized according to the laws of interaction of various forms of energy, which leads to the implementation of electromagnetic intracellular and intercellular interactions. Thus, the basis of life is not only metabolism, but also the analysis and transmission of information in living systems [3, 6, 9].

Currently, most theories of the universe recognize that the basis of any processes of organization of matter is the interaction of electromagnetic oscillations. According to quantum mechanics, micro-objects have a dual nature: they are particles, but they have a wave character of motion, i.e. micro-objects (electrons, protons and other particles with negligible mass) have both corpuscular and wave properties. Therefore, at a certain micro-level of its structural organization, matter can be characterized only by

energy (wave) properties. In this case, for the perception of the researcher, it passes into the state of the field [2, 3, 5, 8, 10].

Based on the general provisions of quantum mechanics, we can assume that the structural unit of the function of organic matter is the wave formed by the acting molecule as a result of its self-oscillation. Different forms of motion of matter (from the thermal movement of molecules to the formation of thought) correspond to different levels of its organization, while they are interconnected and mutually transformable. At the same time, all types of matter are characterized by a fundamental form of motion- autowave oscillations. In biology, autowaves are of particular importance.- waves formed due to internal energy processes, the main parameters of which

are determined by the specifics of the organization of the structural elements of the organism at various levels (from a molecule to a whole organism). The founder of the theory of autowave processes in chemically active media is B.P. Belousov (1959). Any function of a living system basically has a certain type (physical form) of an autowave. The shape, amplitude, and speed of autowaves are determined by the properties of the active medium itself and do not depend on the initial conditions. Exowaves- these are waves formed by bodies and energy fields external to the body. Exowaves are of great importance in the organization of all vital processes in biological systems. The combination of auto- and exo-wave interactions underlies the formation of the most complex metabolic transformations,

providing the transfer of elements of inanimate matter into living structures. The energy of exo-wave impacts can be transformed into the energy of autowaves and activate them, or vice versa- deform and suppress [1, 10].

According to modern concepts of quantum mechanics, in conventional

under conditions all particles of the material world cannot come into direct contact. They interact with each other through energy fields, i.e. have only wave contacts. In this case, the formation of chemical bonds can occur provided that the rhythms of the vibrations of the interacting atoms are sufficiently complementary, and the specific wave characteristics of each are preserved in the molecule formed in this way.

the element included in it. Elements linked into a molecule form a new (systemic) vibrational rhythm that characterizes the physicochemical properties of a given molecule. Therefore, the autowave parameters

organic molecules are the primary link that determines

construction of the structure and function of any physiological processes, specifics sensitivity to external influences and modern physics, it can be argued that the autowaves of biological structures are formed by autowaves of their elements, the rhythms of which, as a result of cooperative interaction, undergo calibration synchronization and determine the autowave characteristics of an integral biological object [1, 3, 10].

The discovery of the presence in living organisms of a functional information-energy system allowed science to formulate and substantiate the role of information-energy (information-wave) pathogenesis in the development and formation of the disease, to reveal the secret of information-energy relationships of acupuncture points and

consider them as a receiving and transmitting device of this system, the triggering factor of which is the electromagnetic field of the biosphere [2].

The electromagnetic field, as a carrier of energy, has a wide energyinformation spectrum - from radio waves to -radiation also possesses wave, i.e. vibrational, characteristics, which are characterized by the phenomenon of resonance and interference [2, 10].

It is well known that resonance leads to more results with less energy consumption. As shown above, each chemical, electrical, gravitational, nuclear bond also has vibrational characteristics.

Knowing the energy and vibrational characteristics of various chemical bonds, it is probably possible to control these bonds using resonance effects with minimal energy consumption. Controlling chemical bonds means controlling biological processes at the molecular, atomic, and also quantum-wave levels [2, 4, 5].

It is the achievements of modern science that have served as a powerful impetus for the development, substantiation and use of biophysical methods in medicine, among which the priority is bioresonance diagnostics and therapy (BRT), affecting exclusively the informational sphere of the body [2, 4, 5].

According to the President of the World Medical Association M. Kellner, the introduction of bioresonance therapy (BRT) can be compared with the discovery of the New World in medicine. BRT- a new direction in curative and preventive medicine. The BRT method is based on the identification and suppression of pathological, restoration and enhancement of physiological frequency spectra of oscillations and their

synchronization devices for BRT work with electromagnetic oscillations emitted by the human body. The purpose of BRT is to neutralize pathological fluctuations in the patient and to activate the body's immune forces. In this case, no external energy is used (low-frequency, ultrasonic vibrations, etc.), all vibrations are physiological [2,

4, 5].

Influence at the information-wave level provides for the comparability of the parameters of the external electromagnetic field with the parameters of the body's own electromagnetic field, which allows restoring disturbed homeostasis, thereby providing optimal conditions for the functioning of the body as an integral system [4].

Small but well-organized resonant influences on complex systems are extremely effective. They often manifest themselves not in outwardly pronounced reactions, but in functional neurohumoral shifts (biochemical, biophysical, immunological, etc.), leading to a change in the reactivity of the organism and the level of reserve adaptation to environmental factors, which, in turn, changes the functional state of the sick organism. [4]. On the basis of energy-information technologies, integrative approaches to the diagnosis and treatment of diseases are being intensively developed, taking into account the reserves of the adaptive capabilities of the organism and the levels of their reactivity, the state of the main regulatory systems in terms of their stress and exhaustion.

To date, a large amount of practical material has been accumulated, demonstrating the unique diagnostic and therapeutic capabilities of the electromagnetic and information fields, while not having a convincing theoretical basis. One thing is clear that the effect of testing various diagnostic and therapeutic drugs has the properties

electromagnetic field. The possibility of remote transmission through a conductor, optical fiber, through quartz and ordinary glass, using antennas, as well as the ability to rewrite the energy-information characteristics of drugs on water, sugar, ROM, computer diskette, and, finally, the ability to transfer around the world via the Internet- sufficient confirmation of this [2, 5].

Specialized equipment has already been developed and is being introduced into medical practice: hardware and software complex for diagnostics and therapy "IMEDIS-EXPERT", electronic drug selector, apparatus "TRANSFER-P" for direct and inverse energy-information transfer of medicinal properties of drugs to various carriers (water, sugar grits, wax, alcohol), produced in Russia. BRT makes it very easy to obtain a variety of biological products by information transfer (imprinting) of direct physiological (and pathological, and inverted pathological) electromagnetic oscillations of the patient to water, alcohol, homeopathic crumbs, etc. Such biological products in their effectiveness correspond to nosodes, homeopathic and organ remedies, and often they give a more pronounced therapeutic effect [4, 5].

The method of bioresonance diagnostics and therapy has a wide range of diagnostic and therapeutic capabilities:

1. Activates and harmonizes the self-regulation of the body, using it

reserve capabilities in the optimal form for a given patient, that is, there is an effect on a single immuno-neuro-endocrine system, which provides adaptation and comprehensive protection against various pathogenic factors. It allows to determine the nature of toxins and etiological factors of the disease.

2. Allows you to remove toxins from the body (mesenchymal reactivation).

3. Allows you to determine the nature of energy and biochemical "Blockade" at various levels: in the meridian system and energy information centers, at various levels of the central nervous system, peripheral and autonomic nervous systems, as well as at the level of the endocrine system, receptor apparatus of cell membranes and internal environments of the body, etc. Relieves energy and biochemical blockages.

4. Allows you to identify and eliminate the side effects of chemical medicines, vaccinations.

5. Allows you to write physiological and inverted pathological fluctuations of the patient's electromagnetic field on various media (water, alcohol, paraffin, wax, homeopathic grits) to prolong the effect of therapy.

Considering the above diagnostic and therapeutic capabilities of bioresonance diagnostics and therapy, it becomes reasonable to study the use of energy-informational effects, primarily of various types of bioresonance therapy, from the standpoint of evidence-based medicine, in the system of complex treatment and rehabilitation of patients.

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