

On the primacy of information in the biophysical essence of the disease
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"Everything in the universe is created and exists through
power. We must assume that there is a conscious mind behind this force,
which is the matrix of all matter. "

Max Planck

Nobel Prize Laureate in Physics (1918)

"Anyone who learns to manage the state of the aquatic
environment -
will learn to manage the state of our body
"

Albert St. Györgyi

Winner of the Nobel Prize in Physiology or Medicine (1937)

"IMEDIS" -technologies, along with other areas of biophysical medicine (BFM), based on the principles of a systematic approach, are aimed at correcting the functional state of the human body, increasing its reserve and adaptive capabilities. The active use of innovative BFM technologies in combination with the methods of classical medicine suggests the possibility of achieving a high level of public health and minimizing medical care. However, according to WHO, there is an increase in a number of diseases that have become epidemics. Classically, "Epidemic disease (EB) is considered as an infectious disease that is caused by a living infection, spreads through air, water, insects ... has routes of infection through the skin, digestive tract, respiratory organs, placental circulation (in uterine life) ... has three periods: onset ,Thus, in the development of EB, mainly external factors are distinguished: an infectious agent, the ways of its spread and infection, the phasing of processes. At the same time, EB are observed not only in humans, but also in the animal and plant world. They are called biological emergencies (BES): epidemics, epizootics, epiphytotics.

It should be noted that non-infectious chronic diseases such as diabetes mellitus, Alzheimer's disease, diseases of the cardiovascular, musculoskeletal systems, oncological pathology, osteoporosis, tuberculosis, obesity and caries, drug addiction, alcoholism, etc. also assume the character of an epidemic. The search for the causes of globalization of problems and ways out of them again brings us back to the modern interpretation of health. So, from the standpoint of the WHO systemic sanocentric definition, human health is a state of complete bodily, mental and social well-being, and not just the absence of disease or physical defect. "This definition is based on the principle of integration of the bodily, mental, social, in other words, the bodily, mental and event levels" [2].

Hence the importance of social and mental illnesses, which are currently taking on the character of social epidemics (SE). We are talking about such problems as corruption, fraudulent schemes, loneliness of women, school extortion, attacks on children and kidnapping of children, child and adolescent suicide, human trafficking, desecration of temples, abuse of alcohol, drugs and other psychoactive substances, network sex, pornodemia (epidemic of porn), psychopathic epidemics of a religious and other nature, etc.

Thus, the modern world is characterized by an ever-increasing increase in the aggressiveness of the course of diseases and their globalization. At the same time, statistical indicators on this problem among the child and adolescent population are of particular concern. What is the reason for the development of these processes? Any negative events in life, regardless of scale, more often lead a person, society to an awareness of what happened, a reassessment of values, to internal changes in order to preserve life itself. Therefore, it can be assumed that the named large-scale trends are a powerful signal for internal changes in society as a whole and a change in its perception of the world in the name of the life of mankind.

The solution of this problem only within the framework of fundamental knowledge of normal (systematic) human anatomy, a three-dimensional understanding of the world is not possible. From the standpoint of modern physics, which studies the world systematically, understanding the above tendencies dictates a change in the paradigm of thinking from classical-mechanical to quantum-mechanical, which perceives the world beyond three-dimensionality. And in this vein it is necessary to refer to the term "Physics", which comes from the Greek word "physis", the original meaning of which is the desire to comprehend the true structure of things. Physics has its roots in early Greek philosophy in the sixth century BC. - a culture that did not differentiate between science, philosophy and religion. All forms of existence were perceived as manifestations of "physis", endowed with life and spirituality, not seeing the difference between animate and inanimate, between matter and spirit.

But the seventeenth century, thanks to the works of Rene Descartes, led to the fundamental division of nature into two independent areas - the area of consciousness and the area of matter, a complete delineation of matter and spirit, giving rise to a new mechanistic worldview. Under the influence of the new view, mechanical physics was built by I. Newton, which became the foundation of classical physics. Physics of Newton (1687) proves that "the absolute, true mathematical time, in essence, flows at a constant speed, without being exposed to external influences "[3]. Thus, matter is eternal and inherently passive.

But time has shown that Newton's mechanistic three-dimensional model before the moment of the discovery of the phenomena of electricity and magnetism is imperfect and can be applied in relation to a limited range of phenomena, namely: to the movement of rigid bodies, at speeds that are significantly lower than the speed of light. Further, the physics of field theory D. Maxwell (1864), which continued M. Faraday's theory of electromagnetism, replaced the concept of "force" with the concept

"Force field" and went beyond the physics of Newton. This discovery is essential changed the idea of physical reality. The beginning of the XX century was marked by the emergence of quantum mechanical physics, "which does not contradict classical physics, but only supplements it on a microscopic scale" [4]. So, Max Planck (1901) creates a theory according to which the exchange of energy between matter and radiation occurs only in discrete portions, later named by A. Einstein "quanta". Since then, quanta of light are considered as genuine particles and are called photons. It particles of a special kind, devoid of mass and always moving at the speed of light. Quantum particles, obeying certain laws, are something in between ordinary particles and waves.

The key conclusion of Einstein's general theory of relativity (GR) (1905-1916) is that space and time are not separated, that time is relative, electromagnetic fields have their own physical nature, can move in empty space, and do not belong to phenomena from the areamechanics, and it is not true that space has three dimensions, and time existsseparate from it. One is closely related to the other, and together they formfour-dimensional "space-time" continuum.Reating

the form-building principle is not mass, but energy, controlled by information [5]. The general theory of relativity showed that mass has nothing to do with any substance, being one of the forms of energy, rejectingthe concept of absolute space and time.

The next revolutionary step was de Broglie's quantum theory (1924). De Broglie put forward a hypothesis about the wave nature of matter, the principle"Wave - particle dualism" from light to matter: electromagnetic waves,for example, light sometimes behave like particles, then particles, for example, an electron, under certain circumstances, can behave like waves. From this it follows that the boundary between classical particles and classical waves has been erased in the microworld. Subsequently, Heisenberg and Schrödinger (1925) laid the foundations of the mathematical apparatus of quantum mechanics. Together, Heisenberg, Born, Jordan (matrix mechanics, 1925) and Schrödinger (wave mechanics, 1926) developed the theory of quantum mechanics (QM).

Schrödinger's theory of wave mechanics was confirmed in experiments on the existence of electron waves in the works of Davisson and Jermer, USA and Thomson, England (1927) [6]. Later Dirac (1928) proposed a more general theory in which elements of Einstein's STR were combined with the wave equation.Dirac's equation is applicable to particles moving at arbitrary speeds. With the advent of physics, the theory of oscillations at the endXX century, the world began to be described as thin vibrating threads of energy that can be used to consistently describe both the quantum and the visible world. Biophotonic concept of the German physicist F.A. Poppa (1970-1980) argues that the transmission of information within and between cells carried out by means of photons, and all biochemical reactions in living organisms are controlled and regulated by superweak electromagnetic radiation On the other hand, the structural unit of the function of organic

matter is the wave formed by the acting molecule as a result of itsself-oscillations. It was investigated that the perception of information by the cell occurs selectively, strictly according to a certain frequency of oscillations and intensity. This limited area of parameters is named after the American neurophysiologist R. Adie "Adie window" or biological window (1981), providing the transfer of information along the molecular chain and high biological activity [7, 9]. Investigating the mechanisms of transmission, storage and retrieval of information in brain tissues under normal conditions and under the influence of EMF, Adie suggested the existence of a common mechanism of formation of biological reactions to electromagnetic effects [eight]. It has been studied that all biochemical processes in living systems are under genetic control, and the rate of biochemical reactions is associated with energy cells, the energetic organization of the body as a whole.

The philosophical aspect of quantum physics from Planck's perspective is that "Everything in the universe is created and exists due to force. We should to assume that behind this force there is a conscious mind, which is the matrix of all matter." Essentially, this is a return to the culture of early Greek philosophy. American mathematician N. Wiener, emphasizing the primacy of information over matter and energy, formulated the foundations of a new science - cybernetics (1948), born from an alloy of mathematics, biology, sociology and economics that did not intersect before - as the science of management and communications in machines, living organisms, human society. These provisions do not contradict the achievements of modern physics of the atom, nucleus, elementary particles, examining interactions indicative of fundamental integrity of the universe. Here the traditional concepts of space and time, isolated objects, cause and effect lose their meaning. Thus, discoveries in the field of physics provided a new integral worldview of basic concepts, such as space, time, matter, object, cause and effect, etc. According to this perception, the Universe is a dynamic indivisible whole, including the observer. At the same time, modern science was faced with a vital task - the unification of the two main theories - quantum and the theory of relativity - within the framework of a single all-encompassing theory of subatomic particles.

From the standpoint of biophysics, life itself, as a phenomenon, is possible only in the presence of three categories: matter, energy and information. From the point of view of the BFM, these categories make up the energy levels of the human body, expanding the vision of the structure of human anatomy: I - informational "IU" (energy of thought and words - psychic "psi" energy - type of thinking), II - energy "EI" (energy of electromagnetic fields (EMF), biofield of the body), physical body III - "FT" (energy of cells, organs, organ systems). Energy in the broadest sense is the basis of everything on Earth. The principle of "primacy of information" allows to assume that the state of energy of IU, determined by the type of thinking, by the level of human consciousness, determines the state of the energies of lower levels II and III, and also ensures their integration, which ultimately creates a certain energy potential for the biochemical reactions themselves. Thus, a person is a source of specific energies (IU), as well as the epicenter for them, implemented on the "EI" "FT". Acceptance of human anatomy, from the position of BFM,

energy levels, forms his personal responsibility for the formation of the norm of health and life events. In this aspect, insufficient attention is clearly traced, and, in most cases, ignorance of the importance of a person's IS in achieving his health standard. And this is already an internal factor, which, at this point of view, is paramount in the development and spread of diseases.

Studying the issue of IS implementation, it becomes relevant to cover the topic of water. And here it is necessary to remember that water permeates all living things and it is this phenomenon that unites all living things. V.V. Vernadsky said that "water is not only gives life, but it is life itself, water is conceived as the basis of the universe Water and the earth's firmament, when interacting, give the energy of shaping. "In fact, water does not obey any laws of physics. Any volume of water is one giant molecule - a dipole. Water has its own energy which seems to be one of the mysteries explored by science. The author of the hypothesis "Memory of water", the French immunologist Dr. Jacques Benveniste (1988) published an article that exploded the scientific world, in which he cited evidence supporting the homeopathic concept, and a number of experiments were successfully carried out in three independent laboratories.

Professor, Doctor of Biological Sciences V.L. Voeikov believes that "water is inherently non-equilibrium ... but in order for everything that is out of equilibrium to be able to do work, it is necessary to create conditions. And an organization can create conditions. In a living system carbon from "non-diamond" turns into "diamond", and this only happens thanks to the organization of the water! Hence the diamond structure of carbon for some reason does a living system need something? Of course! This is high energy! "

S.V. Zenin in his doctoral dissertation "The structured state of water as the basis for managing the behavior and safety of living systems" (1999), showed that water is a kind of hierarchically organized liquid crystal, which made it possible to explain the "memory of water" and its informational properties. Zenin believes that the brain itself, which itself is 90% water, can nevertheless change its structure. Research has been carried out in the same direction. Professor of the University of London M. Chaplin. Masaru Emoto, a researcher at Yokohama University, discovered that water can react to human thoughts. Some representatives of official science consider Dr. Emoto's research is controversial and even scandalous. But so far no one has put forward alternative versions that reject his hypothesis. It has also been studied that the melt water bond angle is 108 degrees. If you build a triangle, the vertices of which are two hydrogen molecules and one oxygen molecule, then the ratio of the smaller side of the triangle to the larger side will be 0.618, and that's the Fibonacci number! Freezing and then thawing, water loses all information from its memory, retaining one single, basic life program.

The basic law of the universe from the point of view of physics, which does not contradict religious views: information (consciousness) is primary, matter is secondary. Thus, water (matter, FT) in the human body receives information. Information (energy of IU) forms physical (energy) and

biochemical characteristics of water (FT) and determining the level of human health in general.

Thus, from the position of the BFM, it is possible to introduce the so-called dynamic energy-informational norm (EIN) of a person, depending on the level consciousness, the achievement of which ensures optimal integration and state of all its energy levels: FT, EU, IU, and this, in turn, is integration with a single field of the universe. At the same time, Professor Mensky, Ph.D. noting in the modern world tendencies of a global crisis, which can lead to the death of mankind, sees a way out of the situation in a change in consciousness. In addition, the fundamental law of A. Einstein, confirming the idea of the possibility of converting the energy of light and mass into each other $E = mc^2$, corresponds to the norm of human health, if it is considered as follows. The acceptance of this formula by the human consciousness in the interpretation, where "c²" - consciousness is primary, and "m" - matter is secondary, possibly, it will be a prerequisite for the creation of conditions for the passage of light fluxes of external space and optimal changes in the energy characteristics "E" of its own field [2] approaching the parameters of the biological window of Adie.

Relying on the above, a person, as a biological object, in the state of EIN is characterized by optimal integration of energy levels (IU, EI, FT), is a "hierarchically organized liquid crystal", "diamond structure of carbon, giving high energies", entering into frequency resonance with biological by the Adie window, which ensures the transfer of information along the molecular chain and high biological activity, a dipole approaching the maximum Fibonacci number - 0.618, and thus "begins to implement the basic program of life." The EIN of a person without any special contradictions can be related to the state of balance in the Chinese philosophy of "yin-yang" and the Indian philosophy of the chakras.

Thus, from the standpoint of the quantum mechanical paradigm, the existing global disasters: BShS and SE indicate insufficient entry into the state of EIN, which is not only an external factor that is decisive in the development of these processes, but mainly the internal - the consciousness of a person.

The MFM is based on the understanding that the patient is no longer a passive part of the therapy process, but a meaningfully active part. From the position of "primary information", the patient has been assigned the main role in the transformation of pathological energies, of which he is the source. The BFM philosophy shows that the correction of human health without the inclusion of IU (consciousness) in the process can be accompanied by therapeutic effects of only a temporary nature and conditionally resembles walking in a vicious circle. Understanding the importance of IS and acceptance of anatomy of a person from the position of energies, with the subsequent transformation of consciousness, a change in type of thinking leads to the achievement of sustainable therapeutic effects. Hence, it becomes clear that the philosophy of health from the position of BFM (energies) contributes to the prevention of energy-information transfer of the problem, thereby creating a safety system for both the patient and the medical staff. This phenomenon is especially true for medical personnel working with equipment using low-intensity physical factors that affect the energy of a biological object.

Thus, the awareness of the causes and mechanism of the development of the disease itself, BShS and SE from the standpoint of the systemic BFM requires understanding, acceptance and propaganda, primarily by medical personnel, of a new paradigm of the quantum mechanical world order: "information - energy - matter", the philosophy of primary personal responsibility for the state your health and life events. The patient is no longer a passive part of the therapy process, but a meaningfully active part. All this will decisively allow achieving sustainable long-term therapeutic effects, minimizing the volume of medical care, preventing diseases, as well as ensuring the safety of medical personnel and patients.

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