

Holographic principles of the phenomenon of "drug testing"

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As you know, drug testing (MT) is one of the components of the method of electropuncture diagnostics (EPD) according to R. Voll.

MT was discovered by R. Voll in the course of joint research with M. Glaser-Türk in 1954. This phenomenon immediately caused a discussion about the mechanism of its manifestation. According to F. Werner: "None of the areas of electroacupuncture is as controversial as drug testing." He also emphasized that "it is not possible to give an exact physical explanation of the mechanism of action of drug testing using the currently known physical methods" [3].

The discovery of this phenomenon was a prerequisite for further research, both to elucidate the biophysical nature of MT and to develop new methodological approaches to its application.

The MT phenomenon can be explained using the theory of signals of animate or inanimate nature in a wide frequency range. It is known that the human body is able to perceive signals of very low frequency and intensity, therefore, the hypothesis of the electromagnetic nature of MT was one of the first, with the help of which they tried to explain its biophysical essence. According to this hypothesis, any substance has a certain spectrum (distribution of amplitudes and phases along the frequency axis) of electromagnetic radiation that can pass through various obstacles (skin, glass, etc.). In the case of coincidence of the electromagnetic radiation of a substance or medication with the spectrum of radiation or oscillations of the bioelectric system, a resonant response occurs, which manifests itself in a change in the functioning of this system, and, consequently, in a change in the parameters of the device for EPD.

The hypothesis of the electromagnetic nature of MT was confirmed by experiments based on the distant interactions of drugs (and other substrates) and biological objects without mass transfer, described not only in the works of R. Voll and his students, but also in a number of publications by both domestic and foreign researchers. [5, 8, 12-17].

MT made it possible to expand the diagnostic and therapeutic capabilities of EPD according to R. Voll, it served as the basis for the creation of the method of autonomic resonance testing (ART), proposed by H. Schimmel (Germany) in 1978. The basis of etiological diagnosis and therapy in the methods of EPD according to R. Voll and ART are nosodes and organ preparations, which are potentiated (in homeopathic dilutions) substances. Diagnostic MT is testing using, first of all, nosodes and organopreparations, which makes it possible to establish the etiology, localization and nature of the pathological process. Drug testing for therapeutic purposes is a simulation of homeopathic medicines and medicines without taking them by mouth.

As a concomitant drainage therapy in the method of EPD according to R. Voll and ART, classical homeopathic remedies are used. Range of the most commonly used potencies of isopathic and homeopathic remedies

ranges from 10^{-3} to 10^{-1000} , which significantly exceeds the Avogadro number (at a dilution higher than D23), when not a single molecule of the original active substance remains in the resulting solution. The therapeutic effect of the soluble substance not only does not disappear, but can even intensify. This cannot be explained by anything else, except for the specific informational action of the diluted substance, which remains in the water structure. In this regard, models of associated fluid have appeared, which make it possible to find a relationship between the processes occurring in dissipative water structures and the characteristics of homeopathically prepared medicines. In this case, the water structure can manifest itself as a "water" hologram carrying certain field images, describing the potential structure of a biosystem in varying degrees of detail - from intracellular formations (UV and visible region) to the cellular tissue level (IR and microwave range). These frequency ranges are found in the body. Moreover, one of the most important components of "water" holograms is ultra-weak radiation of biostructures. Such "water" holograms can migrate between cells, ensuring the transfer of information throughout the mass of tissues of the biosystem [2, 10].

The theory of "water" holograms, explaining the mechanism of action of high dilutions of homeopathic medicines, fits well into the concept of the Holoversum or universal space hologram, proposed back in 1976 by theoretical physicist D. Bohm and neurophysiologist K. Pribram.

The integral parts of the Holoversum is between man and his consciousness, and the them is determined, according to the scientists, connection as universal information and field hologram [6].

Towards similar views, developing the theory of functional systems (FS), proposed by P.K. Anokhin, came V.K. Sudakov, his student is an academician presenting of process organization vital functions of the human body. As it was shown by V.K. Sudakov, the organization and activity of the FS has a holographic character. The main postulates of holography are as follows: a) a holographic image appears as a result of the interference of two waves - reference and object; b) the reflection of the properties of the whole image is present in each elementary unit of the hologram, c) several images can be superimposed on one carrier of photographic material when using different spatial-frequency carriers of information. Each of these images can subsequently be reconstructed separately with the corresponding oscillation frequency of the reference light beam, without interference from other images. It is significant that any small part of the hologram contains information about the entire object of the original and, therefore, can reconstruct it. It was also revealed that only a wave (field) structure can provide the holographic nature of the organization of life processes. In the processes of perception and satisfaction of various needs of the organism, carried out by the FS, close analogies with the physical principles of constructing a hologram appear. It was found that the deviation of the results of the FS activity from the level that determines the normal vital activity, i.e. signaling about needs, acts as a reference interference wave, and signaling about satisfying a need, as an object wave. The interaction of these waves is carried out on the information It was found that the deviation of the results of the FS activity from the level that determines the normal vital activity, i.e. signaling about needs, acts as a reference interference wave, and signaling about satisfying a need, as an object wave. The interaction of these waves is carried out on the information It was found that the deviation of the results of the FS activity from the level that determines the normal vital activity, i.e. signaling about needs, acts as a reference interference wave, and signaling about satisfying a need, as an object wave. The interaction of these waves is carried out on the information

holographic screens (IGE) of the human body. In this case, the IGE is the acceptor of the results of action (ARA), where there is a constant assessment of the parameters of the results achieved by the subject [11].

Within the framework of these views, it is recognized that in biological objects, coherent fields form a dynamic spatio-temporal interference structure-hologram (energy-information matrix or interferogram) containing information about the biological object as a whole and its organs. Moreover, if the presence of a reference coherent wave is necessary for recording and reading a conventional hologram, then for biological objects it is possible to form unsupported holograms, when the radiation of each point of the object can be considered as reference relative to all other points [7]. As a result, in the human body there are a large number of projection zones (BAZ) and points (BAP), which reflect the pathology of internal organs. Holographic equivalents react as a whole. For example, pathological processes in the liver are manifested simultaneously in the corresponding projection zones of the foot, auricle, iris, scalp, paravertebral, on the abdominal wall, etc., which can be fixed by various diagnostic methods [9]. Dermatoglyphics, auriculodiagnostics, iridology, electropuncture diagnostics and a number of other techniques are based on this phenomenon.

If we consider electropuncture drug testing from the standpoint of modern ideas about the functioning of a living organism, it becomes clear that the MT methodology can also be considered based on principles of holography. In the testing process, "informational analogs of diagnostic markers" (nosodes, organopreparations, homeopathic remedies, etc.) that are in a drug selector or in test cassettes act as a reference wave. The object wave is the investigated human organism and / or organ, tissue, cell. Object and reference waves interact on IGE. In this case, the role of the IGE is the interference structure-hologram (energy-information matrix) of a person. An important conclusion follows from what has been said: initially (from birth) in the human body there is a certain "pattern" according to which a kind of "reconciliation" is constantly taking place throughout life - first the formation and structuring of tissues and organs, and then their current functioning. Such a "model", in the language of physics, is the electromagnetic information frame, formed as a result of the coordinated interaction of radiation of cellular structures and is a person's own coherent field in the millimeter range of electromagnetic waves [4]. If for some reason a loss of integrity occurs at the level of the physical body (an organ is removed or a limb is amputated), then the energy-informational matrix remains whole. In particular, this phenomenon appears to underlie the regeneration of a lost limb in a salamander or a tail in a lizard. In EPD methods, this allows diagnosing past diseases even in the absence of an organ (fixing fibroids of the removed uterus, "seeing" a removed rectal polyp, "viewing" breast cancer (breast cancer) on the missing mammary gland, etc.).

Etiological diagnostics in MT consists in the detection of holographic recordings of "alien" vibrations in the energy-informational

human matrix. At the same time, the wave characteristics of live pathogens (when diagnosing a current disease) or their traces (past diseases) are determined, the "record" of which is fixed on the affected organs and tissues, changing the information fields of the latter. The above applies to other factors of pathological effects, for example, drugs [1].

This, in our opinion, is the fundamental difference between etiopatomorphological diagnostics by means of MT from other methods of examination.

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