Structured water and cancer N.V. Dykun, A.I. Miller (LDC "Piramida", LDC "Med-Absolute", Dubno, Ukraine)

The forecasts of the world's leading oncologists that humanity will enter the third millennium free from fear of cancer have not come true.

The most active antiblastoma chemotherapy drugs, in principle, are capable of independently eliminating all tumor cells in the patient's body, but in most cases this would require doses incompatible with life. We have to admit that the intensive development of chemotherapy and radiation therapy has not brought decisive success in the treatment of patients with cancer.

Scientists acknowledge that these conditions require a search for fundamentally different possibilities that would not only complement the existing ones, but would also open up new ways of preventing and treating diseases.

In recent years, a fundamentally new formulation of the issue in the treatment of patients with tumor diseases has been identified; methods of tissue destruction have been replaced by methods that cause a reversal of the process of carcinogenesis. Dr. Alexis Carrel received the Nobel Prize in Medicine in 1992 for his discovery that cells are immortal: "Only the fluid in which the cells float is subject to degeneration." According to Dr. Carrel, the quality of the water in our body is a prerequisite for the eternal life of a cell. The higher this quality (the greater the geometric ordering of its molecular clusters), the better the metabolic residues are released, and the cells are provided with "vital information". Such "crystalline" cellular water is, in the best sense of the word, "living water". Its high degree of orderliness can convey to the body the state that, according to Schauberg, is necessary for life.

Analyzes of biophotons have shown that cell water in living organisms has an extremely high degree of ordering. If the body does not receive enough of such water, then the structure of ordering in the cells of the body is destroyed, and diseases begin. Carrel speaks in this case about a focus of "dead" cell water in the body, which acts as a pathological irritant on cells.

In the human body, the total water content depends on age and is, on average, in embryos - 94%, in newborns - 70-75%, in an adult - about 65%, and in old age its content decreases to 45% of the total weight body. The daily intake of an adult in water is about 40 ml per 1 kg of body weight. In the tissues, about 350 ml of additional endogenous water is formed as a result of the decomposition of organic substances. This water has different properties and is not recyclable by body tissues. She, most likely, takes away from the cage, in addition to toxins, and "unnecessary" waste information [1].

In 1981, at the conference "Biophysics of Water" in Cambridge, data were presented, according to which a significant part of water molecules in tissues under the influence of surface forces of attraction is fixed on the surface of tissue formations (membranes, fibers, etc.) in the form of a thin structured film. This structural form of water is immobile, it does not flow out of tissues even when they are crushed, but it is capable of dissolving salts and other substances.

Free, not associated with body tissues (mobile), water is a part of blood plasma, lymph, cerebrospinal fluid, digestive juices, urine. The transition of mobile water into the intercellular space in pathological conditions leads to tissue edema, as a result of which they lose elasticity, become soft, pasty.

About 60% of pure water molecules at 37 ° C are in an ordered, structured, crystallike state.

Structural formations only of water molecules (clusters), like pieces of ice in liquid water, most often have the shape of a hexagon, and in the language of crystallography, these are crystals of the middle category, with a hexagonal system, one axis of the 6th order, with thermal expansion - torsion ellipsoid (Fig. 1). Large crystal-like structures are contained in

spring water, in plant juices, are formed under the influence of beneficial factors (light classical music, prayer, etc.), as well as purposefully in the pyramid or with the help of appropriate generators [6].



Rice. one.Water crystals, 6th order longitudinal symmetry axis

Water, as an ideal solvent, is used in most cases in the form of solutions of mineral and organic substances, it is chemically little active and can transport substances in an associated, but chemically unchanged form.

Aqueous solutions of organic substances form another type of structures under the general name - liquid crystals. Lyotropic liquid crystals are quite common in nature and in fact constitute the very basis of living nature.

Depending on the concentration of the solution, a sequence of transitions is observed between different phases of the structural formula of molecules: crystal lamellar structure - cubic structure - hexagonal structure - micelles - true solution. Due to the different amount of water, each of the intermediate phases exhibits different physical and physicochemical properties. At a water concentration of 34– 80% and a normal human body temperature, a hexagonal phase of lyotropic liquid crystals is realized, in which the main structural formations are cylinders closely packed side by side and in cross section forming a packing in the form of hexagons. Such a crystal has a two-dimensional structural ordering, strong birefringence, a common optical axis, and the ability to move in one direction (Fig. 2).



Rice. 2.Cylindrical micelles in water are packed in a hexagonal structure

Protein and DNA molecules, nerve and muscle fibers, collagens, ion channels, also have a spiral structure and an optical axis. In fig. 3 shows a model of a gap junction of a synapse, which shows how channel-forming proteins provide the transport of substances between two cells. Each of the two cells (A) carries half of the connecting channel - the half channel. Each half-channel, or connexon (B), consists of six connexon subunits. The orientation of the subunits determines the open or closed state of the channel. Communication between cells can be carried out by opening both half-channels. The location of each connexon subunit in the cell membrane has also been shown [5].



Rice. 3.Gap contact between two cells

In our earlier published work [4], the views of the eastern and western directions of medicine were analyzed and systematized into a slender hexagon (Fig. 4), which determines the relationship between the distribution of energies in the meridians, the ratio of homeopathic remedies, allopathic drugs, phyto-, color-, lithotherapy, etc. ...





The identity of solutions of mineral and organic substances with a predominance of an ice-like, crystalline, hexagonal form with a sixth-order longitudinal optical torsion axis is observed at the content of water in them is within 34–80%.

The authors wondered whether this "ubiquitous" hexagon is a kind of code for "understanding" of the cell with the environment, and all kinds of its distortions are fraught with the development of pathological process?

As a result our preliminary studies of crystalography - the study of the properties of structured

forms of water in the human body - molecular biology of cells - cancer!

Back in the 30s of the last century, it was considered a regularity that tumor cells contain significantly more water than the corresponding normal tissues (Fig. 5). Tumor tissue also contains an increased amount of sodium and potassium ions.



Rice. five.Healthy cells are closely adjacent to each other (a), and there are gaps between tumor cells (b)

For example, in lung carcinoma - 81.6% of water, and in healthy lung tissue -78.1%; in a healthy intestinal mucosa and intestinal tumor -83.7% and 84.3%, respectively; in a healthy epidermis - 69%, and squamous cell carcinoma of the skin - 80%.

Rat thymus cells infected with Maloney virus and growing in tissue culture consumed 80% more potassium ions from the medium than normal cells. In a cancerous tumor of the human stomach, an increased content of sodium ions of 1.03 versus 0.58 was found in comparison with the normal mucosa. Thus, the growth of malignant tumors requires significant amounts of water and essential electrolytes.

Thorough research tumor cells under electronic microscope showed a noticeable difference in their structure from the structure of normal cells. They differ in the disordering of the hotel elements. For example, the location of the filamentous formations located directly under the membrane and determining the movement of the cell, as well as the structure of the outer membrane, changes. Tumor cells poorly recognize each other, do not fit well with one another and, most importantly, do not stop the process of their reproduction (division).

In this case, there is reason to believe that in tumor cells the liquid crystal structure of water, membranes and filamentous spiral formations is disturbed, so to speak, in the other direction - in the direction of greater disorder (in comparison with the case of crystallization).

This suggests an analogy with the reproduction of lower plants - algae. All types of algae are believed to come from different groups

unicellular organisms, so there are no close connections between them. They play an important role in the development of life on land. They gave rise to terrestrial plants.

The analogy is that the composition of water in both cases approaches 99.9% and the fission processes can be similar.

This version may someday be confirmed or discarded by the science of algology (from the Greek alga - algae).

Perhaps cancer is a regressive process that returns us to the origins of the origin of life on Earth.

In addition to existing hypotheses and theories that have won the right to life, let us summarize the results of our own research:

1. Drink only structured water, including with food products - fruits, vegetables.

2. To prevent poisoning of cells with "dead water", for which treatment start with drainage and diuretics, regulate the water-salt, acid-base balance, including the preparations of the company "IMEDIS".

3. Avoid excess in the body of potassium and sodium ions, maintaining magnesium and calcium levels.

4. When treating cancer, give priority to photodynamic, hyperthermic and carbon sorbent therapy.

Literature

1. Voinar A.A .. The biological role of trace elements in the body animals and humans. 2nd ed. - M .: "High school", 1961.

2. Dykun N.V. Man is a living crystal. - Dubno, 2003 .-- 78 p.

3. Shaskolskaya M.P. Essays on the properties of crystals. - M .: "Science", 1978. - 190 p.

4. Dykun NV, Dykun DV, Gotovsky Yu.V. Detailing dominant influences on organs and meridians according to the 6-sided system ". Part I. // Abstracts and reports of the VI International conference "Theoretical and clinical aspects of the use of bioresonance and multiresonance therapy". - M .: IMEDIS, 2000 .-- S. 337.

5. Gerald M. Fuller, Dennis Shields. Molecular biology of the cell. -M .: Binom-Press, 2004 .-- 268 p.

6. Kurik M. On the fractality of drinking water // Journal "Information

and non-hentropic therapy ". - 2004.

N.V. Dykun, A.I. Melnik Structured water and oncological diseases // XII