

Bioresonance therapy in molecular editor mode

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Molecular editor - specialized program for electronic computers, which allows you to enter, edit and display information on the composition and structure of molecules of substances on external media (on paper, screen and other media - ROM, sugar crumbs, etc., body structure).

Currently, two newly discovered intracellular mediators (messengers) - nitric oxide (NO) and carbon monoxide (CO), which are universal regulators of physiological and metabolic processes both in an individual cell and in the body as a whole. Being mainly in the cytoplasm, they, by simple diffusion, easily pass into neighboring and more distant cells, carrying out intercellular interaction.

At present, the role of NO has been most fully and thoroughly studied.

In 1998, the Nobel Prize in Physiology and Medicine was awarded to R. Furchgott, L. Ignarro and F. Ferid Murad of the USA for the discovery of "nitric oxide as a signaling molecule in the cardiovascular system." The nitric oxide molecule is called the molecule of the twentieth century. A new direction has emerged in biological science - the biology of NO, which provides new fundamental information that can be used in medicine.

Functioning as a signaling molecule in almost all organs and tissues of humans and animals, NO, due to its high penetrating ability, affects intracellular processes without interacting with cellular receptors, since it is able to diffuse through the cell membrane and interact with targets directly inside the cell.

Endogenous nitric oxide exists and is continuously synthesized in organs, tissues and cells by enzymatic means with the participation of NO-synthases - enzymes that use the amino acid L-arginine as the only substrate.

Depending on the level of stationary concentration of nitric oxide in biological objects, the "duality" of the effects of its influence is manifested. On the one hand, it is a messenger for the implementation of a significant number of physiological functions: it is involved in the regulation of the tone of blood vessels; inhibits platelet aggregation; functions in the central (CNS) and autonomic (ANS) nervous systems, participating in the central nervous system in the formation of long-term connections between neurons and providing a regulatory effect of the ANS; regulates the activity of the respiratory system, gastrointestinal tract, genitourinary system, etc.; plays an important role in the vital functions of skin tissues; functions in the organs of internal secretion; plays the role of one of the universal regulators of metabolism and a starting molecule that includes various biochemical reactions. On the other side,

However, literature data indicate that increased synthesis

endogenous nitric oxide leads to a cytotoxic effect against its own cells in various pathological conditions, which may be a confirmation of the status of NO as a harmful substance from a biological and environmental point of view.

It follows from the above that the study and development of methods for regulating synthesis, maintaining the physiological level of concentration and functional state of endogenous nitric oxide in cells, organs and in the body as a whole is of undoubted scientific and practical interest.

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In light of the above, we have tested the work on signaling molecules-messengers at the APK "IMEDIS-EXPERT". In the mode of endogenous bioresonance therapy, an electronic copy of endogenous nitric oxide was tested - the drug Nitrox ("Biolife") from the electronic selector of the device. In the mode for exogenous bioresonance therapy, the frequencies of nitrogen (F756) and oxygen (F757) from the database on the frequencies of chemical elements in the table of D.I. Mendeleev, taking into account the simplicity of the gross formula and the formula for the structure of the compound.

Testing was carried out as for individuals with different verified pathology and in practically healthy persons (athletes) of various age groups.

Testing showed extremely high interest organism in all of the above cases in the regulation of nitric oxide and carbon monoxide, especially in persons with severe physical exertion.

The need for higher metabolic activation of nitric oxide and L-arginine prevailed in the older age group. The clinical symptom of the positive effect of normalizing nitric oxide levels was recovery and significant enhancement of sexual function in both women and men.

Since our work was of a search nature, we believe that in order to generate statistical data and improve work efficiency, it is necessary to attract a larger number of doctors working at the IMEDIS-EXPERT agro-industrial complex to implement this topical approach.

Bibliography

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D.D. Tikhomirov Bioresonance therapy in molecular editor mode // XVII