The Role of Right Polarization in Disease Diagnosis

using the "IMEDIS TEST +" method

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It is known that all polymers are built from mirror-symmetric molecules. The peptides and proteins contain only levorotatory amino acids (L-form), while complex carbohydrates and nucleosides (DNA and RNA monomers) include only dextrorotatory sugars (D-isomers). Natural compounds are chirally pure. This underlies matrix synthesis, enzymatic catalysis, immune responses, i.e. all biochemical processes where recognition of some molecules by others is required.

However, chiral purity is not absolute. It has been established that a small amount of free (D-amino acids) can be found in all organisms, except for ribosomes (for now). In the composition of the active components of the cell, D-amino acids have never been observed in any of the living organisms that occupy a place in the evolutionary order higher than the earthworm. The bacterial world is unique in terms of both the content and the use of D-amino acids in the metabolic process. They adapt and multiply in any environment containing both D-amino acids and L-amino acids. Bacteria have enzyme systems that are highly specific for these acids.

D-amino acids were not found in normal tissues of higher animals. Their negligible amounts are found under pathological conditions, for example, during starvation, fragments of D-amino acids in malignant tumors. It is generally believed that this is the result of the absorption of D-amino acids into the blood from the cell walls of lysing bacteria, the gastrointestinal tract, the oral cavity, etc. However, evidence has been obtained for the ability of animal cells to metabolize some D-amino acids and convert them to L-amino acids. This is accomplished by means of D-amino acid oxidase and an enzyme discovered in 1962 by Meister et al. In the liver, kidneys and brain. Leukocytes have antimicrobial protection (D-amino acid oxidase - myeloperoxidase). There is a hypothesis

The mechanism of action of biologically active substances lies in their combination with specific receptors. Each receptor has a characteristic spatial structure of the site that interacts with a biologically active substance according to the key-lock principle, and they must be stereospecific. It should be noted that the direction
optical rotation is indicated by the signs "+" or "-", i.e. L (+) right or L (-) left amino acid. Optical activity is a consequence of exchange interaction and is based on the sign of torsion, i.e., it is determined by the right or left pair of bionormals. Oddly enough, the activity of amino acids in animals and humans is determined by a negative element - the isomer. Living organisms are asymmetric. In living animals and humans, L (-) isomers prevail over L (+).

Pharmacodynamics of amino acids that make up biologically active substances in humans and animals, in terms of optical isomerism,

practically not studied. The biological activity of enantiomers (right and left polarized substances) can be completely different. This became apparent for the first time after the tragedy with thalidomide, which was prescribed to pregnant women as a sedative and hypnotic in the 1960s. This substance has a teratogenic effect. Only in the 80s did it become clear that its dextrorotatory form was the cause of the misfortune.

S (-) thyroxine is a natural thyroid hormone, and R (+) right lowers cholesterol. S (-) left anaprilin acts 100 times more active than R (+) right form. Ketamine R (-) left in 50% of patients causes excitement and delirium. Levomizole - an anthelmintic drug is active in the S (-) form, and R (+) causes nausea. Isoleucine: The right isomer is sweet and the left is bitter. Carvone is found in caraway and mint, but in different isomers. The right one gives off a mint scent, and the left one gives a caraway smell. Sarcolysin - the levorotatory form is active in the treatment of certain tumors, while the right form is inactive. The (-) isomer of adrenaline is 11 times more active than its (+) isomer when exposed to the surface of an isolated rat heart. After the synthesis of L-DOPA (-) of the left enantomer, the drug's effectiveness for the treatment of Parkinson's disease increased dramatically.

Coherent EHF radiation with left polarization causes stimulation of the immune system, and right polarization - its suppression.

Thus, the clinical significance of the selective metabolism of enantiomers depends on differences in their potency and toxicity. However, scientific studies on the pharmacodynamics of these substances are fragmented.

Goal and tasks

The purpose of our research was to determine the value of using the GShK polarizer in diagnostics using the ART method "IMEDIS-TEST +". In this regard, the tasks were set to determine:

1. What is the peculiarity of testing when using the right polarization.
2. What is the significance of the change in the polarization of estrogens, prolactin, norepinephrine, DEHA in some disorders of apoptosis.
3. What is the diagnostic significance of the test results for clinical practice.

Materials and methods

The work was carried out in a double-blind manner. Blood plasma was taken from the studied groups on glass, which was dried and transferred for research, similarly - a saliva smear and a biopsy material. The material has been encoded. The studies were carried out using a proband with a good parasympathetic response.

From a blood smear, a laser was used to record weak electromagnetic fields on the homeopathic crumbs on an apparatus for BRT. Then the preparation was amplified twice on the GShK polarizer in the 0 position. Testing was carried out on a 4-level device "MINI-EXPERT-D", connected to the GSHK. The work was carried out on the basis of the Chernivtsi State Regional Diagnostic Center and the Chernivtsi Regional Clinical Hospital. To confirm the diagnosis, clinical and laboratory research methods were used, including virological and contrast-enhanced NMR.

A relatively healthy control group - 10 people, the second group - 20 people with benign inflammatory and degenerative diseases (endometriosis, prolactinoma, mastopathy).

Research results

Testing with right polarization showed that, regardless of age groups and disorders of apoptosis, the STN scale according to Shraibman M.M. is always tested, and its parameters are lower than with counterclockwise rotation. Despite a fairly large scale (100 parameters), no more than half of it has diagnostic value. During testing, it turned out that each STN parameter has a fairly wide superweak electromagnetic range,
including parameters various metabolic violations diagnosed disease or autonomic imbalance.

Testing in right polarization reveals key measures tabolic disorders that, during routine diagnostics, require a long time and the knowledge of a doctor. Latent disorders of metabolism and autonomic control during routine testing on the "IMEDIS" apparatus, we can reveal, if we remove the autonomic control of the hypothalamus, and then not completely. You don't need to do this here.

Right polarization always indicates the state of cellular immunity (indicating depletion and its degree). The test "primary affected organ" is not significant, because its spectrum is wide enough and at right polarization distortion of diagnostics arises. The STN (max) parameter itself in the right polarization is the organ of the primary lesion, but since it is not narrow enough, it needs to set the direction (narrow the spectrum). This marker is cellular immunity, indicating depletion without degree. If you add a degree, then an organ interconnected with this pathology comes out, where the maximum breakdown of the adaptation system occurs (not a cause, but a consequence). Similarly, when replacing this test with another. For example, in case of food allergy, the primary organ of the lesion is the pancreas, but if the second test is the allergy marker, and not cellular immunity, then - the small intestine. Although these organs are interconnected in this disease. Also in oncology (primary organ, or metastases).

It is important to note that right-handed polarization always shows a high degree of excess of hormones and neurotransmitters, but no more than one or two, and in comp. Blockade of receptors for hormone, mediator, interferon in D6 and rarely in comp. Metabolic disorders are detected simultaneously in the frequency range of anabolism and catabolism, as well as in acid base balance.

There is one key microorganism or virus, rarely two.

A study of patients with fibrocystic mastopathy revealed about 30% of people in whom the pituitary gland was the primary affected organ, and the mammary gland was the second organ of the lesion. They were diagnosed with pituitary prolactinoma. Microprolactinoma does not reveal a brain tomogram, NMR - in 50% of cases. Contrast-enhanced NMR was effective in all cases.

The algorithm is very simple in right polarization. (STN I + Cellular immunity + Indication of depletion of cellular immunity + Mutagenic activity 1 + 2 tbsp.) + Organ (pituitary gland) + tension of the endocrine system 4–5

Art. on prolactin, sometimes norepinephrine + hyperplasia can be added. It is very difficult to detect microprolactinoma in routine testing.

Laboratory studies in blood tests reveal either a high level of prolactin, or a slight excess of the norm, and the pathology is of the same type.

We carried out a study of the concentration of prolactin and norepinephrine in the case of right and left polarization according to BI. The volume of right-polarized prolactin exceeded the left-polarized one by 1.2–1.5 times, that is, the coefficient was <1.

With endometriosis: the primary affected organ is the ovaries, the second organ is the endometrium, the third is the liver. The 5th level of tension of hormones (estrogen and norepinephrine) dominates everywhere. Blockade of receptors for DEHA. In blood tests, no significant changes in hormone concentrations were detected. The ratios of the right and left polarized hormones and norepinephrine were determined. Norepinephrine had the highest volume of right polarization (1.8–2.1 times higher than the left). He also blocked the receptors for DEHA. The volume of right-handed estrogen is on average 1.5 higher than that of the left.

The concentration of each of the studied left-polarized hormones and norepinephrine was approximately the same coefficient <1. The volume of left-hand polarization of DEHA coefficient> 1. It should be noted that the concentrations of left-polarized hormones were optimal.

Thus, a diagnostic study with the use of HSC makes it possible to expand the understanding of the development of pathological processes in patients. It is possible that increased synthesis of right-handed polarized amino acids, which are part of hormones and neurotransmitters, leads to the development of apoptosis disorders. Probably, the right-handed amino acids of the hormone prolactin and estrogens give them toxic properties, since enzymes cannot destroy them and they accumulate in the body. To confirm our hypothesis, experimental studies of various hormone enantomers are required.

Conclusions:

1. The use of the GShK polarizer expands the diagnostic capabilities diseases by the ART method "IMEDIS-TEST +", reduces the time of diagnosis.

2. Right polarization is responsible for the state of cellular immunity.

3. It becomes possible to develop short testing algorithms to identify certain diseases (pituitary adenoma, oncology).

4. Identifies key hormones and or neurotransmitters involved in the development of pathology. The volume of left-polarized hormones and neurotransmitters is always higher, coefficient> 1 (-L / + L).

5. Right polarization of prolactin in adenoma or microadenoma of the pituitary gland is leading in the development of some forms of mastopathy.

6. Higher volume of right estrogen polarization than left promotes the development of endometriosis.

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