

Using the principle of lateralization of functional disorders in the human body in diagnostics by the method of electro-acupuncture vegetative resonance test (VRT) "IMEDIS-TEST"

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The term lateral refers to anatomical nomenclature and is used to define the position of an organ or parts thereof in the human body located further from the median (sagittal) plane. The principle of lateralization of functions or symmetry - asymmetry is used in the study of various problems of physiology, morphology, neurology, psychology, etc. and is associated with the process of the formation of a functional organization in the activity of an organ and systems ... The principle of lateralization of functions has been most studied in studies of brain functions, where lateralization is considered as a result of the process of formation of the interhemispheric organization of sensory, motor, mental activity of the brain in ontogeny. The process of lateralization of functions in ontogenesis occurs nonlinearly, with alternating dominance of the right and left hemispheres, with a gradual transition from duplication of functions to their interhemispheric specialization [1, 2]. Along with the established view of the dominant role of the brain in the development of the complex of autonomic provision of adaptive regulation, the studied literature pays much attention to the functional role of reverse afferentation from autonomic systems in the integrative activity of the brain [3]. In this regard, visceral afferentation in the systemic processes of nervous activity, which was previously traditionally considered only as part of the feedback loop within the mechanisms of homeostatic support of the functional systems of the body, is considered together with brain activity as a component of adaptive responses to

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adaptation of the body to changing environmental conditions is and the internal environment. This is brain research confirmed by the existing description of a number of activities at the level of integrative indicators, including sensorimotor processes activities associated in time with heartbeats and phases of the cardiocycle. The existence of a relationship between the cardiocycle and the indicator of the process of their perception in the form of the appearance of evoked potentials (EP) of the cerebral cortex to an internal stimulus - the release of blood from the heart into the aorta [4, 5]. Based on these results, a conclusion is made about the predominance of the influence of heart contractions on the right hemisphere [6, 7, 8]. The data obtained on vasomotor reactions of the peripheral zones of blood circulation and visceral afferentation from the autonomic systems to the cerebral cortex confirm the leading importance of the heart as a life support organ.

In connection with the above, the principle of lateralization can be considered in relation to the heart, which has consistently connected right and left sections. These parts of the heart have a functional organization of blood flow in the right (pulmonary) and left (systemic) circles of blood circulation, like the brain, which has its own lateralization of the functional organization of interhemispheric asymmetry.

The principle of lateralization of functions is used in the electropuncture vegetative resonance test (ART) "IMEDIS-TEST" in the detection of diseases of the heart and aorta. When carrying out diagnostic measurements, the indicator preparation of the 1st standard test kit is used as an indicator of lateralization: the right side (Ventriculus cordis dextra D4 / GL D6 - right ventricle of the heart) (VCD) or the left side (Ventriculus cordis sinistra D4 / GL D6 - left ventricle of the heart) (VCS).

Proceedings of the 14th and 15th conferences published data on the use of these test indicators for testing the emotional asymmetry of the brain in violation of the sleep-wake cycle, as well as the results of ART in diagnosing hemispheric asymmetry in people with mild mental retardation who are engaged in a health group [9, 10].

The presented article proposes the results of lateralization of functional disorders of paired organs in health and disease, which is a continuation of previous studies.

Purpose of work: to conduct a comparative study of the results of diagnostics using the ART method and the patient's clinical diagnosis when assessing the state of paired organs.

Tasks to be solved

1. Justify the principle of lateralization of functional disorders of the organization by the ART method "IMEDIS-TEST".
2. Establish the possibility of using the drug - the index of the 1st standard test kit: right side (Ventriculus cordis dextra D4 / GL D6 - right ventricle of the heart) or left side (Ventriculus cordis sinistra D4 / GL D6 - left ventricle of the heart) for lateralization of functional disorders in the body using the example of paired organs.

In electropuncture diagnostics by the ART method, organopreparations are used to clarify the functional state of an organ. When diagnosing paired organs, the nosological state is established after detecting violations in one of the two organs by testing each of the pair of organs. This necessitates an increase in the time of admission, a limitation of diagnostic capabilities and the use of combined bioresonance therapy at receptions.

A critical analysis of the totality of the available results of the study of literary sources and practical activities made it possible to propose the use of the drug - the index of the right side of the VCD or the left side of the VCS as a marker of lateralization of functional disorders of paired organs as a result of interaction and synchronization of the cerebral cortex and ANS fibers going to the heart.

To verify the signs of lateralization of functional disorders of paired organs after diagnostic examinations using the ART method, a clinically established diagnosis according to the ICD classification is used in this work.

Survey methods and material

1. Theoretical analysis of literary sources and medical documentation.
2. Computer electropuncture diagnostics by the ART method in accordance with established technology and the use of APK "IMEDIS-EXPERT", apparatus "MINI-EXPERT-DT" and a drug selector.
3. The surveys were attended by 20 people of the age category from 16 to 70 years from 11 of them are females and 9 are males with an established clinical diagnosis.

The distribution of the surveyed by nosological forms is presented in table. one.

No.	diagnosis of ICD	Number of patients
one	Chronic open-angle glaucoma (right-sided) H40.1	one
2	Acute bronchiolitis (condition after right-sided lower lobectomy of the right lung J 21	one
3	Acute right-sided salpingitis H 70.0 Acute	one
4	left-sided salpingitis H 70.0	one
five	Acute, non-suppurative otitis media (left-sided) (with the same diagnosis, but with different lateralization, 10 more patients) H 65	eleven
6	Sensorineural hearing loss (left-sided) H 90.4 Chr.	one
7	interstitial nephritis (pyelonephritis) condition after left nephrectomy N11	one
eight	Chr. pyelonephritis right-sided (traumatic) N11	one
nine	Epididymitis (right-sided) N 95	one
10	Epididymitis (left-sided traumatic) N 95	one

Here is an example of determining the lateralization of a functional organ disorder

Patient S., 54 years old, complained of headaches in the temporal region and in the left ear. He reported that a clear liquid has been flowing from the ear for 5 days, and that such a case had happened before.

After identifying through the test preparations all possible burdens in the form of electromagnetic, physical, psychological and mental stress and their effect on the organ of complaints, we determine the localization of the acute inflammatory process (target organ) through the test preparation Mesenchym D 15. After receiving the answer "Yes", We use the test preparation Mesenchym D15 as a filter through which we test the complex preparation. "Nerves-sense organs" and we get the answer "Yes" - there is an acute inflammation. The next step is to determine the target organ, for this we include in this diagnostic chain two test preparations for detecting diseases of the hearing and olfactory organs and paranasal sinuses: a cochlea (Cochlea D4) and a labyrinth (Labyrinthus D4), we get the answer "Yes". To lateralize functional disorders of paired hearing organs, we put the left side of the 1-st VCS test kit into the diagnostic chain and get the answer "Yes" - there are functional disorders in the hearing aid on the left. To clarify the functional picture of the lesion, organ products were selected from the general list of medications, the ear and the central auditory canal. Further, testing the corresponding organ-specific preparations, the state of the hearing aid on the left was revealed: Cochlea D3, Cochlear passage D3, Labyrinth D3, Cochlear duct nerve D3. Next, we use the Repertory Rufa section of otolaryngology, we find the section for otitis media, where we test the nosology. To clarify the functional picture of the lesion, organ products were selected from the general list of medications, the ear and the central auditory canal. Further, testing the corresponding organ-specific preparations, the state of the hearing aid on the left was revealed: Cochlea D3, Cochlear passage D3, Labyrinth D3, Cochlear duct nerve D3. Next, we use the Repertory Rufa section of otolaryngology, we find the section for otitis media, where we test the nosology. To clarify the functional picture of the lesion, organ products were selected from the general list of medications, the ear and the central auditory canal. Further, testing the corresponding organ-specific preparations, the state of the hearing aid on the left was revealed: Cochlea D3, Cochlear passage D3, Labyrinth D3, Cochlear duct nerve D3. Next, we use the Repertory Rufa section of otolaryngology, we find the section for otitis media, where we test the nosology.

Diagnostic algorithm diagram: Acute inflammation. process + nerves / sensory organs (organ products) + Snail D4 (Labyrinth D4) + Lateralization VCS-left side + Cochlea D3 (Nerve duct of the cochlea D3, Labyrinth D3) + Nosode.

After the diagnosis by the ART method, the diagnosis according to ICD N 65 - acute middle purulent left-sided otitis media was provided for review.

This algorithm was used to diagnose 20 people.

Conclusion

The use of the drug - the index of the 1st standard test kit: the right side (Ventriculus cordis dextra D4 / GL D6 - right ventricle of the heart) or the left side (Ventriculus cordis sinistra D4 / GL D6 - left ventricle of the heart) allows you to determine the lateralization of functional disorders of paired organs with high reliability, which is confirmed by the results of examinations of 20 patients.

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