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FUNCTIONAL-VEGETATIVE SYSTEM OF THE HUMAN AS A DIVISION OF SYSTEMIC AND CLINICAL PHYSIOLOGY

(INFORMATION 1)

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The article illustrates responses from international scientific seminars to the information about the previously unknown "Functional vegetative system of the human". The seminars were held on the basis of the order of the Department of science and education of Education and Science Ministry of Ukraine №13/5-10, 11.12.2000.

Key words: functional vegetative system, vegetative homeostasis.

В статті наводяться відгуки міжнародних наукових семінарів на інформацію про невідому раніше "Функціонально-вегетативну систему Людини". Проведення семінарів обумовлено дорученням Департаменту науки і освіти МОН України №13/5-100 від 11.12.2000р.

Ключові слова: функціонально-вегетативна система, вегетативний гомеостаз.

В статье приводятся отзывы международных научных семинаров на информацию о неизвестной ранее "Функционально-вегетативной системе человека". Проведение семинаров обосновано поручением Департаменту науки і образования МОН Украины №13/5-100 от 11.12.2000г.

Ключевые слова: функционально-вегетативная система, вегетативный гомеостаз.

Cycle magazine articles contains the first part of previously restricted information that has been disclosed since 1975. The information turned out to be unexpected for our Chinese teachers and unavailable for the official Ukrainian "Olympus". Frankly speaking, today, we do not care much about it – everything has its time. But, for reasonably thinking part of medical specialist it is important because of the following reasons.

1. The discovered in Ukraine unknown functional system of human testifies to biophysical reality of hypothetical acupunctural channels and their direct relation to vegetative homeostasis.

2. The discovery, sooner or later, will appear in the center of attention of systemic physiology and will condition the revision of therapeutic and rehabilitation canons, based on the principles of Newton's mechanics.

3. Officially recognized medical qualification "reflex therapeutic" has nothing in common with reality, because traditional Zhenjiu therapy has no relation to reflexes and central nervous system.

4. The represented information opens a new page in information-prevention medicine of the future – Functional (clinical) vegetology.

The following feedbacks from international scientific seminars that were conducted on the recommendation of the Ministry of science and education of Ukraine testify to the theoretical value of the discovery and its clinical and rehabilitational efficiency.

19.03.1988. Scientific seminar of Republican center of reflex therapy of Ministry of Health of the Ukrainian SSR and the department of nervous diseases №1 KGIUV. Report – "Rehabilitation effectiveness of biostimulation without traditional external sources of electrical current (Makats's effects)". **DECISION: 1) To consider "Bioactivation without usage of external source of power" as the new perspective trend. 2) To inform the Scientific councils of HM of Ukrainian SSR and HM of USSR about the perspective of NIR according to the trend and its further development.**

25.12.1991. Scientific conference "New medical technology and innovative methods of diagnostics, prevention and rehabilitation" of Ministry of Health of Ukraine. **DECISION: Commission recommends the computerized system of diagnostics VITATEST-**

12M and VITA-01M for series manufacturing and usage in medical practice (protocol №5, 25.12.1991).

17.09.1992. Meeting of specialized academic council of SRI of balneology physiotherapy (Pyatigorsk, Russian Federation). DECISION. *1) The work is the original scientific research, which contains grounded perspective of scientific-practical trend ..., of national value...*

14.12.1993. Joint meeting of RPC of HM of Ukraine (Pediatrics, Obstetrics and gynecology, Quantum medicine, Hematology and transfusiology, New medical technology and new methods of diagnostics). DECISION. *1) To approve the introduced trend. Clearly identify nosological forms or complex of syndromes with identification of the criterion for evaluation of clinical efficiency. 2) To include the trend into complex physiotherapy and reflex therapy. Approve the usage of the method with the appropriate councils of HM of Ukraine.*

06.07.2001, 25.01.2003. Scientific seminar of Engineer-scientific organization "New in medicine" (Kyiv). DECISION. *1) To recognize the discovered functional-vegetative system as biophysical reality. 2) Materials of scientific work "Functional-vegetative system of biological objects" transform into the issue "Bases of bioactivational rehabilitation" and include it to curriculum for higher education for the specialists of family medicine. 3) To apply to the department of education and science of Ukraine with the proposition of financial support for scientific researches of the school of doctor of medicine – professor Makats V. G.*

28-30.06.2001. Scientific seminar of the I-st International scientific-practical conference "Biomedical problems of rehabilitation and education of students with special needs" (Melitopol). DECISION. *1) Conference considers that the trend is actual and quite grounded for inclusion to the program of international researches. 2) Reality of the discovered system required review of existing theoretical and scientific conceptions of contemporary therapy and rehabilitation.*

29.10.2001. Scientific seminar of extended session of Academy of Original Ideas of Ukraine (Kyiv). DECISION. *1) Information on discovered system listened 89 members of the Academy – specialists of medical-biological and physics-technical specializations (scientific level of the participants of the seminar - PhD). 2) Analysis and discussion of experimental materials point out the reality of the discovered biophysical laws. 3) Absence of analogical scientific information testifies that the priority of the scientific research belongs to Ukraine.*

22.11.2003. Scientific seminar of the department of molecular photo-electronics of Institute of Physics of National Academy of Sciences of Ukraine (Kyiv). DECISION. *Material on the discovered system is published in special monographs and is related to modern informational technologies in medicine and biology.*

19.09.2003. Scientific seminar of the Plenum of scientific society of pathophysiologicals of Ukraine (Odessa, Ukraine). DECISION. *Discussion of presented experimental materials testify to biophysical reality of the discovered laws, necessity of further study of the phenomena and development of absolutely new trend of vegetology - "Evaluation of vegetative health of children, as the issue of functional-ecological expertise of the regions of radiation control of Ukraine.*

24.04.2005. Scientific seminar of International Congress "Folk medicine as the modern scientific trend of human health improvement" (Alushta). DECISION. *To consider the materials as the discovery, this needs further study and determination of its place in-*

practical medicine of the XXI century.

27-28.04.2005. Scientific seminar of the III-rd International conference on optoelectronic informational technologies (Vinnytsia). *DECISION. To recognize the proofs of biophysical reality of discovered functional-vegetative system of human and to consider it to be well grounded for elaboration of new generation of optoelectronic biotechnology of the XXI century.*

MH RRFSSR (Letter № 085/105 – 025567, 16.06.1988). *"...The researches on effectiveness of the trend, conducted in Bashkir State University and in Bashkir Medical Institute, and conclusion of expert committee of evaluation of new means of diagnostics and treatment of burn patients, confirmed its reasonable usage in general practice..." (Minister of Health RRFSSR, corresponding member of AMS of SRSR, Doctor of Medicine, professor A. Potapov).*

Despite the positive response from the international scientific seminars, the information about the discovery of previously unknown biophysical reality has been suppressed. Meanwhile, the trend has been recognized as the scientific school by the European scientific-production consortium, European and Russian Academy of Natural Sciences, and awarded with the order of *LABORE ET SCIENTIA*, the order of *PRIMUS INTER PARES* and medals of "A. Nobel" and "Academician V. Vernadskyj" for substantial contribution to the development of the world science. The information about the trend was included in the encyclopedias: "Outstanding scientists of Russia" and "Russian scientific schools"...

At first, we need to make three necessary steps to make sure of biophysical reality of the previously unknown functional-vegetative system of human and its scientific-practical perspective.

This is the topic for the following journal publications.

The efficiency of recovery therapy depends on the outcomes of functional, physical and social-professional rehabilitation, integral usage of physiotherapy, natural and precast factors, integration of innovative technologies and systematic correction of health-improving programs.

It should be taken into account that the contemporary system of higher and professional medical education is oriented at the replication of the previous century knowledge and negatively treats innovative technologies that require the revision of curricula and condition a number of issues

As an example: integration into medical practice of the information on the previously unknown "Functional-vegetative system of the human", which is being suppressed under current conditions in Ukraine. In addition, it should be noted that three doctoral theses and five candidate's theses on the trend have been defended. At the same time, over 37 monographs have been published, seven international seminars were organized that recognized the scientific development as a discovery with the signs of the future medicine...

One of the issues deals with the profession "Human health–Physical rehabilitation". Its curriculum is based on the routine divisions of mechanotherapy (biomechanics), therapeutic physical training (TPT) and massage, rehabilitational efficiency of which is maintained by zonal physiotherapy and sanatorium-and-spa treatment.

At the same time, the state of internal functional-vegetative health and its sympathetic or parasympathetic dynamics under the influence of physical rehabilitation have not been taken into account. The latter is a substantial drawback, because physical

rehabilitation, in its entire essence, is a division of functional rehabilitation, which in turn is the basis of recovery therapy.

The terms “physical therapy” and “physiotherapy” are represented as synonyms in the English literature. World Confederation for Physical Therapy (WCPT) has declared to possess exclusive rights on the terms and recognizes that more than 100 Confederation member-states employ the name of the profession and its terms.

The terms have analogical semantic context. They determine the orientation of professional practice at functional rehabilitation of the diseased and invalids, and use the same means of influence, where physical exercises are the essential, among many others. Additionally, the terms “treatment” and “physical rehabilitation” have been frequently mixed up, ignoring the fact that an expert in physical rehabilitation – is a masseur with higher (including sports) education.

To the greatest extend, “physical rehabilitationists” should have more extended proficient education. First of all, their professional training should include the specialization subject “Functional rehabilitation”, which has been agreed with the Ministry of Science and Education, Youth and Sports of Ukraine and is conditioned by the contemporary awareness of the “Functional-vegetative system of the human” and innovative technologies of correction of vegetative disorders that form various states of functional pathology.

It should be noted that the developed means for functional-vegetative diagnostics possess a direct relation to the assessment of the consequences of physical rehabilitation and physiotherapy that remain uncontrolled and unpredictable.

The knowledge and the professional skills, which are expected to be gained under the program “Functional rehabilitation”, provide the ability to find jobs: in the state and private systems of recovery therapy and sanatorium-and-spa treatment (in the structure of the facilities of “Functional diagnostics and correction of vegetative disorders”).

The experts, trained under the program “Functional rehabilitation”, can implement the State programs “Two-stage system of rehabilitation of vegetative disorders of children, who live within the zone of radiation (environmental) control of Ukraine” and “Functional-ecological expertise of the regions of radiation control of Ukraine” (that will be implemented according to the Order of the CM of Ukraine №12010/87).

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