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1574th Conference



5th International Conference and Expo on

Novel Physiotherapies

March 19-20, 2018 | Berlin, Germany

Keynote Forum

Day 1

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Vladimir Dodtievich Bitsoyev

Academy of Medical and Technical Sciences Moscow

The leading role of the heart in the vital functions of organs and systems of a holistic organism at the supramolecular level

The relevant and extremely important problem of modern advanced global science of all disciplines is the recognition of the existence of a unified "energy" according to the God's will in the whole Universe. The energy is one and ever alive, but invisible, imperceptible and intangible for people. A human can see, sense and feel the energy with its infinite set of possibilities for options of scales and rates of change in the form of the "matter" only. The above causes a topical problem for the advanced global science: the fine differentiation of the differences and mutual influence of the cardiovascular system and the brain in the origin of a "thought" in the biosphere. This is the newest, modern field of the advanced world science in research at the supramolecular level of the leading role of the cardiovascular system in the holistic organism at the stage of the origin of a "thought" and formation of the program for its implementation in the biosphere in the course of interaction with the most super-perfect "analyst-performer", the brain, with its infinite variety of possibilities for options of scales and implementation rates. A thought in the brain cannot arise because the information of the inner world of the holistic organism and the information of the surrounding world, thanks to the perspiration system, are transferred to the biosphere instantly causing a "thought" and "program" there for the brain in the implementation of the thought. This happens simultaneously and therefore a person cannot determine the place of the thought origin at super-high speed. The place of the thought origin is of global significance for diagnosing and determining the stages of diseases and correction of treatment. In turn, the brain cannot instantaneously and simultaneously transmit information about the arising thought and its implementation to each cell of the holistic organism. The nervous system is not created to perform such a function.

Biography

Vladimir Dodtievich Bitsoyev (year of birth: 1943), Ph.D, Medicine, academician of the Academy of Medical and Technical Sciences, Colonel of Medical Service in retirement, doctor of the highest category. He graduated from the Military Medical Faculty at the Gorky State Medical Institute by specialty "Medical treatment" in 1971. From 1971 to 1995 he served in the Armed Forces of the USSR, then in the Russian Federation, as a Neurologist, Head of the Neurological Department in military hospitals, a Chief Physiotherapist of Moscow Military District. He has 75 scientific publications in national and foreign journals, 1 monograph on "Restorative medicine", methodological recommendations for physicians in restorative medicine, 4 patents (3 Russian patents and 1 German patent. V.D. Bitsoyev proved the "World novelty" of water and blood plasma activating under the influence of underwater light therapy through the fiber optic cable. V.D. Bitsoyev revealed first previously unknown new mechanisms of the effect of weak electromagnetic waves on the holistic organism as a "tunnel effect", as well as ways of their registration at the atomic and molecular levels. Service in retirement, doctor of the highest category. He graduated from the Military Medical Faculty at the Gorky State Medical Institute by specialty "Medical treatment" in 1971. From 1971 to 1995 he served in the Armed Forces of the USSR, then in the Russian Federation, as a Neurologist, Head of the Neurological Department in military hospitals, a Chief Physiotherapist of Moscow Military District. He has 75 scientific publications in national and foreign journals, 1 monograph on "Restorative medicine", methodological recommendations for physicians in restorative medicine, 4 patents (3 Russian patents and 1 German patent. V.D. Bitsoyev proved the "World novelty" of water and blood plasma activating under the influence of underwater light therapy through the fiber optic cable. V.D. Bitsoyev revealed first previously unknown new mechanisms of the effect of weak electromagnetic waves on the holistic organism as a "tunnel effect", as well as ways of their registration at the atomic and molecular levels.

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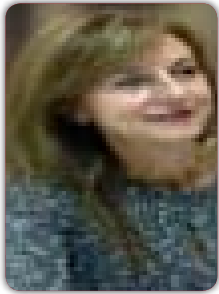
Day 2

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Tasheva Rumiana

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Comparison of the results of the chijin index and the ISTEP tensometric platform

Introduction: There are scarce publications on the study of the feet in health subjects and the lack of such data in children. Changes in the foot cause dysfunctions in the lower limbs, the pelvis and the spine, which necessitates their timely examination as early as childhood.

Purpose: The purpose of this study was to examination of the foot of children in primary school classes by putting into practice a tensometric platform and comparing the results with the data from Chijin's method.

Participants: In the period of May-October 2017, 104 children from the primary classes in secondary school at the average age of 8.66 years were examined.

Methods: The Chijin's index was measured in cm and calculated in four degrees: normal foot, tendency to flatfoot, flatfoot, and deep flatfoot. The tensometric ISTEP 5000 (USA) platform was calibrated to the anthropometric data for the current children's age and showed a 3D image of the child's feet and provided results for the height of the arch in three levels: low arch, middle arch and high arch.

Results: A gamma coefficient of the ordinal correlation was used to process the data. Results demonstrated statistically significant dependency ($\alpha < 0.05$, $p = 0.000$) between two methods with value -0.615 on the left foot and value -0.775 on the right foot.

Conclusions: The results showed a statistically significant correlation between the two methods. On the one hand, this confirmed that the Chinjin index was indicative of the presence of a flat foot, as well as the platform for the establishment of a low arch in children. On the other hand, the two methods have different specificities, as the tensometric platform provides information on the height of the arch with the simultaneous loading of the two lower limbs.

Recent publications

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2. Vasilii M (2015) Diagnostics of the properties of the foot of students of the 8th grades of the MAOUL Institute of Irkutsk. Irkutsk' method of plantography on Streeter, available at <http://xn--d1alpbmmk.xn--p1ai/issledovanie-stopny-i-osobennosti-eyo-funkcii-nauchnaya-rabota> (accessed at 23 November 2017).
3. Petkov S et al (2016) Practical exercises for sports medicine, NSA press, Sofia.
4. Prokopiev N et al (2016) Sport and flat feet. *Young scientist* 12:525-529 <https://moluch.ru/archive/116/31382/>.
5. Roman A (2008) Methods for determining flat foot. *Sports in school*, First September Publishing House 13(439)2008. <http://bmsi.ru/doc/14306a98-2836-4f32-b8de-b0c21312b1cb/html>.

Biography

Rumiana Tasheva is Associate professor of Physical Therapy at the National Sports Academy (NSA). The Chairperson of the Bulgarian Organization for Sports Physiotherapy, which she founded in 2000. The core group member and a researcher in the European Sports Physiotherapy For All project. PhD thesis with the subject "Physiotherapy after Arthroscopic Reconstruction of the Anterior Cruciate Ligament". Educated in 23 courses with national and international lecturers. Clinical experience in orthopedic, traumatology and neurological diseases since 33 years. During the period 1984-1993 the regional coordinator for treatment and prevention of spinal, chest and foot deformities. Over 40 publications in the field of physiotherapy.

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