

World Cardiology & Cardiologist Meeting

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Practical results of non-invasive measurement of hemodynamic parameters: Blood volumes and metabolism data: Oxygen, lactate and phosphocreatine

Aim: The aim of the present study is to expand diagnostics capabilities in Cardiology using the new theory of cardiometry.

Materials & Methods: Non-invasive measurement of blood volumes in each cardiac cycle and parameters of cardiac muscle metabolism upon digital processing of an ECG alone allows monitoring of any changes in the cardiovascular system performance. No additional examination is required. The procedure takes only 20 seconds.

Conclusions: Using the theory of cardiometry in practice allows you: (1) to determine heart life expectancy in an individual with an accuracy up to several hours; (2) to evaluate efficacy of the selected medication and (3) to effectively use the method in sports.

Biography

Mikhail Y Rudenko has been engaged in research in the field of Physiology and Medicine, as well as Medical Equipment Engineering since 1979. From 1980 to 1989, he was engaged in Space Medicine. He has supervised the development of methods and instruments for detecting the psycho-physiological state of spacecraft human operators. In 1990, he has established a private educational institution "The Institute of Chinese medicine", till 1998, 17 professors of traditional Chinese medicine (TCM) from China worked in this institute. He has excellently mastered the theory and practice of TCM. He wrote several books on TCM and eastern philosophy. He has created an educational course for western doctors. In 1991, he took an active part in foundation of a private educational institution "Russian New University" in Moscow and currently 25000 students study there. At the university, he headed the Scientific School of Hemodynamic Studies of Cardiovascular System. In the process of his research 9 laws of physiology were revealed. He is a member of ESC W.G. on e-Cardiology, ID439666. He takes active part in the W.G. conferences and meetings.

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