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Newly discovered way of the function of cardio-vascular system and the latest theory of the development of cardio-vascular diseases

Mikhaylov Vladimir


Eternity Medicine Institute, UAE

The main role in transportation of blood to the capillary bed is played by the artery, the power of the heart is only 0.49 - 0.027 % of the power needed to transport blood to the capillary bed. The vascular pump is regulated by the frequency of contractions of the heart muscle and is tightly synchronized with the work of the heart. The rapid spread of the pulse wave causes a suction effect. Following the reduction of the vessel wall, the blood is just drawn from the aorta and large arteries to the smaller vessels down to the capillary bed. Systematic irregularities in the vascular pump are the starting point in the development of diseases of the cardiovascular system. These illnesses may be both local and systemic, depending on the size and the location of pathological changes in the vascular wall.

Speaker Biography

V A Mikhaylov was born on March 21, 1959 in Uglich, Yaroslavl province, Russia Professional experience: 1976- 1982- has finished the Ryazan medical institute named after I.P. Pavlov. 1982-1983- Emergency Hospital Ryazan medical intern's surgical department 1983-1985 - Regional Hospital of Kozmodemyansk, Mari ASSR -surgical oncologist 1985-1989- Regional Cancer Hospital, Ryazan – surgical oncologist 1989-1987 - State Research Center of Laser Medicine, Moscow, Senior Research Fellow, Department of Surgery of the biliary tract and parenchymal organs, 1994 - is nominated as the conducting scientific employer, Department of Surgery of the esophagus and stomach. 1997 – 2000 - Head of Moscow Scientific-Practical Center of Laser Medicine. 2000 – 2006 -General Director of Scientific medical laser Center, Moscow. Since 2006 - private practices on family medicine in Moscow. 2013- Physician Contract with Eternity Medicine Institute, Dubai.

e: mlasass@mail.ru

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