

4th International Conference and Expo on **SURGERY AND TRANSPLANTATION**

July 22-23, 2019 | Brussels, Belgium

V A Mikhailov, Adv Surg Res 2019, Volume 3

NEWLY DISCOVERED WAY OF THE FUNCTION OF CARDIO-VASCULAR SYSTEM AND THE LATEST THEORY OF THE DEVELOPMENT OF CARDIOVASCULAR DISEASES

V A Mikhailov

Eternity Medicine Institute Dubai, 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.

BIOGRAPHY

V A Mikhailov has Professional experience from 1976 to 1982, he has finished the Ryazan Medical Institute named after I P Pavlov. He was Senior Research Fellow at Department of Surgery of the biliary tract and parenchymal organs; he was nominated as the conducting scientific employer 1994, Department of Surgery of the oesophagus and stomach. He was the Head of Moscow Scientific-Practical Center of laser Medicine during 1997–2000; General Director of Scientific medical laser Center, Moscow during 2000–2006; Private practices on family medicine in Moscow since 2006 and he worked as a Physician Contract with Eternity Medicine Institute, Dubai since 2013.

mlasass@mail.ru