

TO THE 60TH ANNIVERSARY OF THE PROFESSOR DZHISHAMBAEV E.D.

In February 2018, Dzhishambaev E.D. celebrated his 60th anniversary – Deputy Director of the National Center of Cardiology and Therapy named after Academician M. Mirrahimov under the Ministry of Health of the Kyrgyz Republic for scientific activities, Doctor of Medical Sciences, Professor, Member of the Board of the Association of Physicians for Internal Medicine, member of the Presidium of the Eurasian Association of Physicians.

Dzhishambaev Ernest Djumakadirovich was born on February 18, 1958 in the village of Kirovo, Issyk-Ata district, Chui region of the Kyrgyz SSR in the family of employees. In 1981, he graduated with honors from the medical faculty of the Kyrgyz State Medical Institute, after which he was sent to the target residency in Moscow, to the All-Union Cardiology Research Center of the USSR Academy of Medical Sciences (currently the National Medical Research Center of Cardiology of the Ministry of Health of Russia). In 1983-1986 he studied in full-time graduate school at the All-Union Cardiology Research Center of the USSR Academy of Medical Sciences. In 1986, under the leadership of Professor Mazur Nikolay Alekseevich, he successfully defended his thesis for the degree of candidate of medical sciences.

Dzhishambaev E.D. began his practical activity in 1981 in the department of electrocardiostimulation of the All-Union Cardiology Research Center, headed by Professor Grigorov Sergey Semenovich. The basic experience on the clinical electrophysiology of the heart and arrhythmology were obtained exactly here, and later this knowledge was applied in the Kyrgyz Research Institute of Cardiology, where he returned after graduating in Moscow.

Since 1986 he has been working at The Kyrgyz Scientific Research Institute of Cardiology, which was reorganized in

1996 into the National Center of Cardiology and Therapy named after Academician M. Mirrahimov. He passed the way from a junior researcher to the head of the department of heart rhythm disturbances (from 1990 to the present time). In 1997-1998 he simultaneously served as the Scientific Secretary of the National Center of Cardiology and Therapy. From 2008 to the present time he is a deputy director of the National Center of Cardiology and Therapy for scientific work.

In 2001 he defended his doctoral dissertation. He actively participates in the training of scientific personnel for the health care of the republic. Under his leadership, 3 candidate dissertations were successfully defended. In 2005, in co-authorship with Academician M.M. Mirrahimov a practical guide "Electrocardiography in the practice of a family doctor" was released, which got recognition by practical doctors of the republic. His recommendations on the diagnosis and treatment of cardiac arrhythmias have found wide practice in everyday training, by medical students, as well as by practical and family doctors.

He is the author of 96 scientific works, including 3 monographs, 2 inventions and 1 practical guide.

The main scientific developments of Professor Dzhishambaev E.D. are devoted to the study of the mechanisms of the appearance of cardiac arrhythmias and their correction in the early stage of essential hypertension, and subsequently – in metabolic syndrome. Conducted research allowed to distinguish a separate type of structurally functional cardiac adaptation in the early stage of essential hypertension, the so-called eccentric remodeling. It was found that the type of remodeling affects the character and frequency of cardiac arrhythmias. The most adverse in this respect were the concentric and asymmetric versions of structural restructuring of the heart.

An important role of diastolic function of the left ventricle disorders in the genesis of supraventricular arrhythmias was established. Factors contributing to the development of paroxysms of atrial fibrillation include violations of autonomic regulation of the cardiac rhythm, caused by a decrease in parasympathetic influences with preserved sympathetic, as well as a decrease in the automatic function of the sinus node.

A significant role in the occurrence of ventricular arrhythmias in the early stage of essential hypertension is played by impaired calcium metabolism, leading to its excessive accumulation within the cell. An important assistance in predicting the likelihood of cardiac arrhythmias in patients with essential hypertension may be an Exercise testing.

Metabolic syndrome is associated with myocardial remodeling, represented by all its existing variations. An imbalance in the autonomic heart regulation has been established in the direction of relative hypersympathicotonia in patients with metabolic syndrome complicated by atrial fibrillation. In this category of patients, the increased occurrence of supraventricular cardiac arrhythmias is associated with changes in the atrial ECG complex and signs of interatrial and atrial asynchrony detected by echocardiogram of the heart.

As Deputy Director for Science, Dzhishambaev E.D. actively assists the development and improvement of scientific activity, promoting quality of the scientific research work in the center, promoting the growth of scientific human resources, and strengthening international cooperation.

He is engaged in public activities: he is a member of the National Center of Cardiology and Therapy Dissertational Council, chairman of the National Center of Cardiology and Therapy Expert Commission, a member of the Board of the Association of Internal Medicine Physicians of the Kyrgyz Republic and a member of the Presidium of the Eurasian Association of Physicians.

Excellent worker and high achiever of public health care services of the Kyrgyz Republic (2001). In 2007 he was awarded with the Certificate of Honor of the Kyrgyz Republic.

Dear Ernest Dzhumakadirovich! We sincerely congratulate you on the anniversary and wish you health, happiness and long life, new creative achievements for the benefit of medical science and public health.

Editorial Board of the Journal
"Eurasian Heart Journal",
Eurasian Association of Cardiologists