



Editor's Welcome

Dear colleagues!

In the 28th issue of the International Heart and Vascular Disease Journal, there are the leading article, original and review articles, as well as the report on the latest congress of European Society of Cardiology.

The leading article section presents the review article of the leading American scientist Wilbert S. Aronow on the resistant arterial hypertension, that includes the pseudohypertension and white coat hypertension. The causes of resistant hypertension and the efficacy of fourth antihypertensive drug are discussed. Poor patient compliance including non-compliance with lifestyle changes are common factors associated with pseudoresistant hypertension.

Four articles are published in the «Original articles» section. The first article is dedicated to the differential therapy of ventricular extrasystoles in patients without cardiac structural changes by screening testing of antiarrhythmic drugs. All patients had potential positive antiarrhythmic effect for 2 and more drugs. Another article aimed to evaluate the characteristics of patients with acute ST-elevation myocardial infarction depending on the glomerular filtration rate (GFR). The authors concluded that it is important to calculate the GFR in order to choose the correct management and assess the risk of complications. A randomized trial aimed to compare the influence of moderate intensity continuous and high-intensity interval cardio-rehabilitation training on blood pressure in athletes with arterial hypertension. Despite similar benefits in cardio-rehabilitation, interval exercise required less time that can significantly affect adherence and exclude some participants of long rehabilitation. Another original article was dedicated to identification of clinical and angiographic characteristics and evaluation of long-term treatment outcomes in young male patients with a history of ST-elevation myocardial infarction registered on an electrocardiogram. Patients had different risk factor profiles and comparable annual survival rates depending on the angiographic picture. Erectile dysfunction was less pronounced with distal coronary blood flow disorders than with proximal occlusions.

The "Review articles" section presents the article on updated European Society of Cardiology Guidelines on diagnosis and treatment of atrial fibrillation and their application in daily patient-centered clinical practice that emphasizes rate and rhythm control.

The "Reports" section is dedicated to the results of the annual congress of the European Society of Cardiology that was held through virtual mode for the first time. In particular, the highlights of 4 updated clinical guidelines of the European Society of Cardiology are summarized. The results of 13 international clinical trials on the efficacy and safety of pharmacological treatment and identification of factors associated with cardiovascular complications are analyzed.

We invite everybody to collaborate with the journal. We are waiting for your original papers, review articles, discussions, and opinions about problems, treatment and prophylaxis recommendations.

Mekhman N. Mamedov

Editor-in-Chief

President of the "Cardioprogress" Foundation