



Editor's Welcome

Dear colleagues!

We present the 31st issue of the International Heart and Vascular Disease Journal that includes the leading article, original and review articles.

The leading article section presents the review article on the revascularization strategies in patients with diabetes mellitus and atherosclerotic lesions of various localization. The articles published over the last 5 years in leading peer-reviewed journals according to the PubMed / MEDLINE database were analyzed. The review article provides information on the choice of the myocardial revascularization method in patients with acute coronary syndrome, stable coronary heart disease, peripheral arterial disease, carotid artery stenosis and pharmacological therapy for the prevention of atherosclerotic complications in patients with DM.

The original articles section includes three manuscripts. The article dedicated to the heart rhythm disturbances and cardiac electrophysiological parameters in patients with arterial hypertension included 157 participants. All the patients underwent ECG, BP monitoring, diagnostic transesophageal electrical stimulation of the heart, echocardiography, and the assessment of heart rate variability. The presence of LVH in patients with AH was associated with high incidence of heart rhythm disturbances and cardiac electrical remodeling. The cross-sectional epidemiologic study assessed the changes in the prevalence and intensity of smoking in Tyumen men aged 35-44 and 45-54 years over 5- and 15-year follow up. Follow-up has shown the reduction of smoking prevalence in adult active men over 15 years and the increase of smoking prevalence over 5 years that demonstrated that combined approach to behavioral and psychosocial risk factors is required for efficient smoking prevention programs. The third original article is dedicated to the effectiveness of the early prescription of trimetazidine in patients with acute coronary syndrome and established multivessel coronary artery disease after incomplete revascularization. According to the results of 12-months follow-up, authors concluded that the medication can be used as part of comprehensive rehabilitation measures in patients with acute coronary syndrome and incomplete revascularization.

The review article section presents the work dedicated to the analysis of the existing approaches to prevent atrial fibrillation in patients with metabolic syndrome. Metabolic syndrome is the cause of atrial fibrillation that contributes to the relevance of the study. The second review article analyses the results of randomized clinical trials on the use of angiotensin receptor-neprilysin inhibitor in patients with congestive heart failure. The pathophysiologic basis of medication use and its effects on the prognosis in patients with various heart failure phenotypes are being discussed.

Traditionally, the journal publishes the main highlights of European Society of Cardiology Virtual Congress. This year 4 updates guidelines were presented. The results of 20 international clinical trials that investigated effectiveness and safety of pharmacologic agents and medical devices in patients with various cardiovascular disease have been 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