



Editor's Welcome

Dear colleagues!

In the 21st issue of the International Heart and Vascular Disease Journal, there are the leading article, original and review articles, and comments of Russian experts on the new European guidelines for the management of arterial hypertension.

The leading article of this issue was done by the group of Egyptian researchers on the possibility of using QRS duration as a predictor of microvascular reperfusion after primary percutaneous coronary intervention (PCI). 60 patients after ST-segment elevation myocardial infarction took part in clinical trial. Authors concluded that in patients with ST-segment elevation, prolonged QRS duration was associated with a low myocardial blush grade (MBG), a sign of impaired microvascular reperfusion.

Traditional "Original articles" section includes three works. The first article investigates the association of genotype and alleles 174G/C (rs1800795) frequency of IL6 gene with clinical data in patients with atrial fibrillation, arterial hypertension in combination with extra-cardiac pathology. In the second article, the group of Kazakh researchers established a correlation between vascular age, atherogenic coefficient and 5-year risk of cardiovascular complications (CVC) in patients with arterial hypertension. Vascular age can be an independent prognostic factor for arterial hypertension and cardiovascular complications development. The third article studied the prevalence and interactions of attitude to medical care and physical activity in men and women aged 25-64 years of open urban population of Tuymen. Authors assume that the results on the correlation of attitude to medical care and physical activity and the objective-subjective indicator of public health may be used as the scientific basis for organizing complex preventive regional programs.

The review article is dedicated to the analysis of the results of most important clinical trials represented during scientific sessions of American Heart Association held in November 2018. Specialists traditionally are very interested in this section.

The "Expert opinion" section presents opinion of the leading Russian experts on the main states of the new European guidelines for the management of arterial hypertension, including target blood pressure levels, management algorithms for patients with different cardiovascular risk and additional risk factors/ comorbidities.

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.

Rafael G. Oganov

Editor-in-Chief

President of the "Cardioprogress" Foundation