

Indicators of vascular inflammation in patients with exertional angina after Shoalimova Z.M., Jalilov Sh.Z., Mahmudova M.S.

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mellitus can be considered as the most important underwent COVID-19. characteristic of the processes leading to the accelerated development of damage in the vascular wall and destructive changes in atherosclerotic plaques.

inflammation in patients who underwent COVID-19 vascular inflammatory process in patients with coronary with concomitant coronary artery disease and diabetes artery disease in combination with type 2 diabetes who

Index		FC II	FC III
1st group	V, cm / s	46.9 ± 2.6	54.6 ± 2.7 *
	D, cm	0.52 ± 0.023	0.54 ± 0.024
	EDVD,%	2.6 ± 0.94	4.1 ± 0.93 *
	ENZVD,%	17.1 ± 1.32	14.9 ± 1.35
	τ, dyn / cm2	18.1 ± 0.7	20.3 ± 0.7 *
	τ, dyn / cm2	38.9 ± 1.34	40 ± 1.48
	K, conv. units	0.03 ± 0.010	0.04 ± 0.011
2nd group	V, cm / s	47.7 ± 2.6	58.2 ± 2.7 *
	D, cm	0.52 ± 0.019	0.55 ± 0.017
	EDVD,%	2.5 ± 1.19	6.0 ± 1.81 *
	ENZVD,%	17.3 ± 0.93	13.3 ± 1.02
	τ, dyn / cm2	18.3 ± 0.9	21.4 ± 1.0
	τ, dyn / cm2	38.7 ± 1.9	40.7 ± 1.8
	K, conv. units	0.03 ± 0.011	0.08 ± 0.025 *

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Relevance: The degree of activity of systemic The purpose of the work was the study of markers of the Materials and methods. A total of 69 patients (male and In patients with coronary artery disease with concomitant type 2 female) aged 60.3 ± 9.8 years with coronary artery disease, diabetes, who underwent COVID-19, there were more stable exertional angina were examined, hospitalized in the pronounced significant changes in the atherogenic index, total Department of Cardiology of the TMA Multidisciplinary cholesterol, as well as CRP and fibrinogen. In patients of group 1 Clinic. Patients who had undergone COVID-19 from 3 to 9 at rest, the PA diameter was 4.47 ± 0.06 mm. In the phase of months ago were selected for the examination. All patients reactive hyperemia (immediately after decompression), the PA are divided into 2 groups. Group 1 - IHD patients (n = 33), diameter increased by 7.4%, amounting to 5.17 ± 0.89 mm (p <0.05). In patients of the second group, the initial diameter was Group 2 - IHD with T2DM (n = 36). 3.30 ± 0.48 mm., Which is 25,

> Results and discussion. Characteristics of clinical and Conclusion. In patients with coronary artery disease, stable anamnestic data in the groups of IHD patients with the angina pectoris in combination with type 2 diabetes, compared presence and absence of type 2 diabetes did not have with patients with coronary artery disease without diabetes, statistically significant differences (p>0.05): in terms of age, against the background of equivalently increased levels of gender, individual risk factors, the presence and duration of atherogenic parameters of the lipid profile and disorganization of concomitant pathology, the fact of smoking, the presence of the endothelial system, significant hyperactivation of markers of dyslipidemia, duration of ischemic heart disease, type 2 vascular inflammation was recorded, which may be associated diabetes. Patients of both groups were comparable in terms with the previous coronavirus infection. of drug therapy taken at the outpatient stage.

When analyzing the results in patients of both groups, there was an increase in lipid spectrum indicators, markers of inflammation. Within the normative values, but with a tendency to an increase in values, the levels of CRP and fibrinogen were noted in patients of the 1st group. In the 2nd group of patients, there was a significant hyperactivation of markers of systemic inflammatory responses: CRP (p <0.05), fibrinogen (p <0.05).