



# “Features of early acute myocardial injury in patients undergoing coronavirus disease”



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**Aim.** 1. To analyze the appearance of acute myocardial infarction in patients in the post-covid period and compare clinical course of the disease in patients with and without coronavirus infection.



**Materials and methods.** The study included 115 patients admitted to the cardiac intensive care unit of the TMA multidisciplinary clinic in the period from August to February after the opening of the second quarantine in our country. The average age of the patients was  $63 \pm 1.2$  years.



**Results.** According to the discharge from specialized covid hospitals, 17 patients (14.3%) suffered a severe course of COVID-19, 39 patients (33%) had moderate-severe coronavirus infection, the remaining 59 patients (52.7%) had a mild course. Taking into account the obtained data, the patients should have developed antibodies, but unfortunately only 22 patients (19.2%) had IgG in their blood.



**Conclusion.** Considering the high incidence of AMI in the postcovid period, it becomes necessary to prescribe timely drug and non-drug therapy, which affects the prevention of the development of IHD complications by increasing the adherence of patients to the main and additional therapy.



Problems Caused by COVID-19 Heart Muscle Injury

