

COVID-19: Our story – the beginning

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Background. Cardiovascular diseases are common in patients with coronavirus disease 2019 (COVID-19) and carry the risk of developing a severe clinical presentation varies from a syndrome similar to acute coronary syndrome and acute fulminant myocarditis to cardiogenic shock.

Case reports. This paper presents a patient with a history of cardiovascular and pulmonary diseases admitted to the hospital with COVID-19 and LV dysfunction. Our main findings are that cardiac involvement can occur with COVID-19 with signs of the respiratory tract and symptoms of infection. We diagnosed COVID-19, which triggered the emergency on our department. We have never experienced anything like this before.

Conclusion. Myocardial injury has a significant association with fatal outcomes of COVID-19, while the prognosis of patients with underlying CVD but without myocardial injury appears relatively favorable.

Key words: COVID-19, myocardial injury