

AV BLOCK TYPE 2 AS A CARDIOVASCULAR COMPLICATION OF COVID-19

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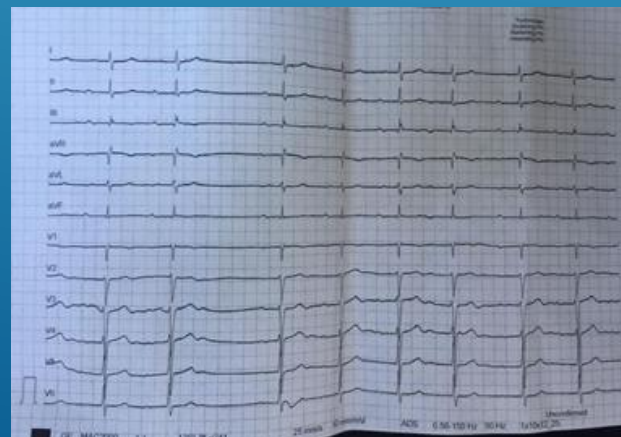
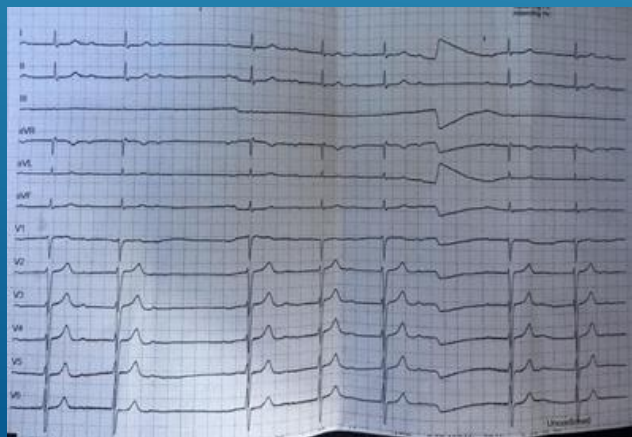
Introduction: COVID 19 is a serious disease which has symptoms that range from asymptomatic to moderate and severe pain symptoms including fever, cough, and dyspnea due to pneumonia. Cardiac complication includes: acute myocardial infarction, arrhythmias, heart blocks and cardiomyopathies.

Objective: To present a case in a patient with AV block type 2 (Mobitz II) as a complication of COVID 19 infection.

Material and methods: The patient was admitted to our hospital with fatigue, palpitations, anxiety and heaviness in the chest during exertion in the last two weeks. PCR test for COVID 19 was positive from the beginning of the symptoms, but for the entire period without worsening of the condition.

Results: His blood pressure was 130/80 mmHg, heart rate was 42 beats/min, respiratory rate was 14 breaths/min, oxygen saturation was 96%. Cardiac markers are not specific. His ECG findings are shown in Figures 1 and 2.

Echocardiographic findings had a left ventricular ejection fraction of 47%. Coronary angiographic findings without significant features. After a consultation, the patient was referred for implantation of a permanent pacemaker at the Clinic of Cardiology-Skopje.



Conclusion: Identifying heart blocks as a potential complication of COVID-19 will help health professionals better manage the condition in this pandemic by shortening hospital stays and improving patient prognosis