

Elasomeran

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Pericarditis: case report

A 32-year-old man developed pericarditis following vaccination with elasomeran for immunisation against COVID-19.

The man without any medical history presented pressure-like chest pain for 1 day with a pleuritic component, which improved after sitting up. He also experienced back and neck pain, diaphoresis and chills. Two days prior, he received the first dose of elasomeran vaccine [Moderna COVID-19 vaccine; *dosage and route not stated*]. An EKG showed PR depressions and ST elevations with concavity. These findings led to an initial concern of ST-elevation myocardial infarction (STEMI). Troponin levels were checked every 3 hours, which remained negative. He was also negative for creatine kinase-MB. Erythrocyte sedimentation rate was normal and CRP was elevated. His COVID-19 nasal PCR and rapid influenza testing were negative. Transthoracic echocardiogram demonstrated normal left ventricular diastolic and systolic function, mild tricuspid regurgitation, elevated assumed right atrial pressure and small lateral and posterior pericardial effusion. His clinical presentation was consistent with pericarditis.

The man was discharged on treatment with ibuprofen and colchicine. As he was otherwise healthy without viral or infectious symptoms, a temporal relation of vaccination and pericarditis was suspected [*outcome not stated*].

Zektser Y, et al. DIAGNOSING PERICARDITIS DUE TO COVID-19 VACCINATION. *Journal of the American College of Cardiology* 79 (Suppl.): 2383, No. 9, 8 Mar 2022. Available from: URL: <http://doi.org/10.1016/S0735-1097%2822%2903374-5> [abstract]

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