

### mRNA-1273/tozinameran

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#### **Myocarditis: 6 case reports**

In a case series, 6 men including a 37-year-old man [*not all ages stated*] were described who developed myocarditis following immunization with mRNA-1273 or tozinameran vaccines.

The men were grouped per age range as: 35–40 year (1 man), 16–20 year (3 men) and 20–25 year (2 men). However, exact ages not stated. Five men received tozinameran [BNT162b2] and one man received mRNA-1273 vaccine for immunisation against SARS-CoV-2 infection [*dosages and routes not stated*]. However, all men presented with chest pain and elevated troponin-I within 2–4 days of their second vaccination. Two men developed fever. On presentation, electrocardiogram revealed ST-segment elevation in 5 men, with four demonstrating no coronary artery obstruction. All patients had negative nasopharyngeal SARS-CoV-2 PCR testing. Cardiac MRI findings were consistent with acute inflammation of myocarditis. Five men had abnormal left ventricular systolic function and reduced ejection fraction. None of the patients developed any other complications, and all were discharged home.

Dickey JB, et al. A Series of Patients With Myocarditis Following SARS-CoV-2 Vaccination With mRNA-1279 and BNT162b2. *Jacc: Cardiovascular Imaging* 14: 1862-1863, No. 9, Sep 2021. Available from: URL: <http://doi.org/10.1016/j.jcmg.2021.06.003> 803602855