## Case report of acute myocarditis after administration of coronavirus disease 2019 vaccine in Japan

Masato Ohnishi @ 1,2\*, Yasunori Tanaka1, Sakiya Nishida3, and Toshiro Sugimoto2,3

<sup>1</sup>Division of Cardiovascular Medicine, National Hospital Organization Higashi-Ohmi General Medical Center, 255 Gochi-cho, 527-8505 Higashiohmi, Japan; <sup>2</sup>Department of Comprehensive Internal Medicine, Shiga University of Medical Science, Tsukinowa, Seta, 520-2192 Otsu, Japan; and <sup>3</sup>Division of General Internal Medicine, National Hospital Organization Higashi-Ohmi General Medical Center, 255 Gochi-cho, 527-8505 Higashiohmi, Japan

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The worldwide spread of coronavirus disease 2019 (COVID-19) is still not under in February 2021, albeit later than in Europe and the USA. The COVID-19 vaccin reactions, which may be more intense after the second dose. The number o COVID-19 vaccination have been recently increased.

## Case summary

We report a case of a 26-year-old healthy man who presented to our hospital after his second COVID-19 vaccination. The electrocardiogram showed ST eleva aVF, V4 to V6, and small Q wave in II, III, aVF. Laboratory studies revealed eleva active protein, and negative viral serologies. Acute aortic dissection and pulmona contrast-enhanced thoracoabdominal computed tomography. An urgent coronar acute coronary syndrome was suspected, but no significant stenosis was found. Constrated oedema and late gadolinium enhancement of the left ventricle in a mid-

## Discussion

Although the temporal association does not prove causation, the very short sp the onset of myocarditis suggests that this acute myocarditis seemed to be an adthe best of our knowledge, this is the first published case of acute myocarditis fol