

# Fever, COVID-19 vaccination, and Brugada syndrome: Incidence and management—Correspondence

Dear Editor,

We would like to share ideas on “Fever following COVID-19 vaccination in subjects with Brugada syndrome: incidence and management.”<sup>1</sup> According to Santoro et al., fever is a common adverse effect in BS patients following COVID-19 vaccination, and careful monitoring of body temperature and rapid treatment with an antipyretic medicine may be required.<sup>1</sup> While the COVID-19 vaccination is medically successful, we are all worried about unforeseen repercussions. The vaccine recipients in this study experienced negative side effects, albeit a definite diagnosis remains challenging. Fever is frequently reported as a side effect of the COVID-19 vaccination. However, no inferences can be drawn because there is no pre-vaccination information on vaccine recipients' health and immunological status. Recognizing that the patient may have a comorbidity that is causing the condition is a fundamental concept. Co-infections, for example, may occur upon inoculation and be misinterpreted as side effects.<sup>2</sup> Some possible coinfections can produce neuromuscular problems, which can be mistaken as a side effect of the COVID-19 vaccine. Similarly, the effect of concurrent vaccination medicine must be acknowledged. A thorough examination is essential to rule out any other possibilities before making a diagnosis, which should include a virology profile for any other medically significant viral disease that can cause febrile illness after vaccination.

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## REFERENCES

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2. Kebayoon A, Wiwanitkit V. Dengue after COVID-19 vaccination: possible and might be missed. *Clin Appl Thromb Hemost*. 2021;27:10760296211047229.