

LETTER TO THE EDITOR

Effects of COVID-19 vaccinations on platelets: Correspondence

Dear Editor,


we would like to share ideas on “Long-term effects of Pfizer-BioNTech COVID-19 vaccinations on platelets [1].” No significant or persistent platelet aggregation trends were observed after vaccine doses, according to Zhou et al., showing that immunizations had no appreciable effects on platelet turnover, platelet activation, platelet aggregation, or platelet-leukocyte interaction [1]. We concur that COVID-19 may contribute to thrombohemostatic issues among other clinical disorders. The most recent study found that several patients experienced platelet issues following vaccination. Due to the COVID-19 vaccine, there is a wide clinical spectrum for thrombohemostatic problems, and the patient may have abnormal platelets [2]. However, it is often difficult to make any conclusions concerning the relationship between the COVID-19 immunization and platelet issues. Due to the lack of pre-COVID-19 immunization data on the patients' health, nephrological, and immunological status, drawing conclusions is still challenging. The cause of the platelet alteration may potentially be the patient's comorbidities following the vaccination [2]. To draw a conclusion about the andrological effects of the vaccine, there must be enough data. A group of patients with known renal, immunological, and health statuses prior to illness who were later followed to see how the COVID-19 is connected to platelet problems would provide more conclusive evidence on this topic.

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CONFLICT OF INTEREST

The author declares that there is no conflict of interest.

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2. Sookaromdee P, Wiwanitkit V. Novel coronavirus infection (COVID-19) and renal failure: an observation from cases in the 1st month of outbreak. *Saudi J Kidney Dis Transpl*. 2020;31:1455.