

Review of: "Side effects of COVID-19 vaccination in Pakistani population: A cross sectional study"

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Potential competing interests: No potential competing interests to declare.

Overall an interesting manuscript. Just a few suggestions/questions.

1. In introduction section, when talking about side effects, more severe side effects, like autoimmune hepatitis, myocarditis or acute demyelinating polyneuropathy, should be mentioned and references added (t.ex. Garg RK, Paliwal VK, Neurol Sci. 2022; Bozkurt B, Kamat I, Hotez PJ, Circulation. 2021; Efe C, Kulkarni AV, et al, Hepatology. 2022). In the same sentence, unconsciousness should be removed from the side effects list
2. In page 10, 'side effects resolving time after COVID-19 vaccination' more details should be given on whether patients used any medications or resolution was spontaneous
3. In page 12, in 'SARS-CoV-2 infection before and after COVID-19 vaccination' section, details should be given regarding the duration between vaccination and disease onset. If a patient has COVID-19 infection a couple of days after vaccination, this infection should be counted as pre-vaccination
4. In discussion section, an explanation (even a theoretical one) should be provided regarding the association between gender, age, BMI and comorbidities and vaccination side effects