

# Review of: "Investigating the Levels of Obsession, Fear, and Self-Care Behaviors Related to COVID-19 in Fully Vaccinated and Partially Vaccinated Diabetic Patients"

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Potential competing interests: No potential competing interests to declare.

I read your study titled "Investigating the Levels of Obsession, Fear, and Self-Care Behaviors Related to COVID-19 in Fully Vaccinated and Partially Vaccinated Diabetic Patients" with interest. The study is a good study that emphasizes the importance of vaccination in patients with diabetes. The article is generally well covered. I think it will be more understandable if some missing points are corrected. I will make various suggestions to better understand the work.

- In the summary section of the article, averages of the values can be given if the word limit is not exceeded. The sentence "Moreover, according to the observed means, it can be argued that the mean values of the variables of obsession caused by COVID-19, fear of COVID-19, and self-care behaviors in diabetic patients who were fully vaccinated were higher than in the group of people with partial vaccination." in the findings section can be placed in the conclusion section.

- Key words should be rearranged according to MeSH (Medical Subject Headings), they are not given correctly.

- Suggestions for introduction;

-COVID-19 data in Iran is included in the introduction, but the date given is quite old and

should be updated.

-The expression "Currently, there are four types of viral vaccines, including inactivated/weakened vaccines, protein-based vaccines, viral-vector vaccines, and RNA/DNA vaccines" should be updated. At the same time, "currently" should be removed. General vaccination status regarding COVID-19 should be reported.

- In fact, are there any studies on the importance of vaccination in diabetes, or if there are studies on patients with diabetes who caught Covid-19, these can be added.

- The method part of the study is well written. Information was provided about the type of study, place and time, ethics committee permission information, inclusion and exclusion criteria, scales and reliability levels.

- In the findings, instead of providing information about the groups separately, "the average age of the fully vaccinated group..., gender..., marital status..... and the average age of the partially vaccinated group..., gender..., marital status...". It may be better if it is given as "".

- Column 4 in Table-2 is unnecessary. It is sufficient to write n=362 in the table title. Also tables 2 and 3 can be combined. In other words, both obsession, fear and self-care averages and t values can be given in the same table.

- In the discussion, each variable is considered and discussed separately. The discussion can be enriched by interpreting the findings obtained from the research and adding the connection of this interpretation to the literature.

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