

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.

The authors of this study investigated the levels of obsession, fear, and self-care behaviors related to COVID-19 among fully vaccinated and partially vaccinated diabetic patients using pre-validated questionnaires. The topic is undoubtedly of interest; however, the study requires greater clarity by considering the comments below:

Major:

1. The manuscript lacks clarity regarding the inclusion criteria. It is unclear whether the pediatric population or individuals with type 1 diabetes were included in the study. A detailed definition of the inclusion criteria is necessary for readers to understand the target population and to generalize the findings appropriately.
2. The results of the reliability and validity assessment of the Self-Care Questionnaire Related to Corona are not presented in the manuscript. It is essential to include this information to establish.
3. The type of t-test applied for the analysis is not clearly specified. It is crucial to clarify whether a paired or unpaired t-test was used.
4. In Table 3, alongside t-test statistics, including the effect size would enhance the interpretation of the results. Providing effect size measures will give readers a more comprehensive understanding of the practical significance of the observed differences.

Minor:

1. The portion "After collecting data, descriptive statistical methods (frequency, percentage, and mean \pm standard deviation) and inferential statistics, including the Chi-squared test and t-test for comparing two independent groups, were performed. The data were analyzed using SPSS version 21 software." fits under the 'statistical analysis' subheading in the methodology section.
2. Throughout the manuscript, there is a variation in the use of terms such as "incomplete vaccination" and "partial vaccination." To improve consistency, please choose a uniform term and use it consistently throughout the manuscript.

