

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

Nurul Azreen Hashim<sup>1</sup>

<sup>1</sup> Universiti Teknologi Mara

Potential competing interests: No potential competing interests to declare.

Please refer to my comments in italics

*General comment: Suggest sending manuscript for proofreading due to some grammatical errors.*

*Need to improve the citations in text - example in methods section*

## Abstract

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

*"Conclusion - In order to increase self-care behaviors and reduce fears and obsessions of people with chronic diseases, including diabetes, psychological programs and psychologists can be used in the design of care and treatment programs, including vaccination against contagious diseases such as the coronavirus." - Suggest rewriting this conclusion; should recommend ways to reduce fear and obsession of COVID-19 to improve rate of vaccination*

*Introduction - Need to add information about rate of full vaccination vs. partial vaccination and possible factors influencing rate of COVID-19 vaccination. The introduction about fear and obsession should be more focused on COVID-19 and COVID-19 vaccines. Self-care behaviours could be the outcome of fear of COVID-19 and obsession related to COVID-19, therefore not suitable to be included as another independent variable to be studied for this topic.*

*Methods - I think this study is a descriptive study and not a causal comparative study. Unclear about the sampling method - available sampling? Need to be clarified.*

Ensuring that the groups under study are equivalent is paramount in causal comparative research. Any intrinsic group differences, other than the ones being studied, can skew results and interpretations. *How did the researchers ensure that these 2 groups are comparable?*

The sentence "A number of 362 individuals (181 people in the case group and 181 people in the control group) were

selected. “ *Why are there case and control groups?*”

## Results

*Variables - types of jobs and educations were vague classifications.*

*Tables can be improved, especially the labels, which are not standard.*

## Discussion

*The independent variables studied were associated factors to COVID-19 vaccination and were not causal factors. Suggest rewriting the discussion part to be more concise and informative. Need to rewrite the conclusion.*