

Review of: "Perceptions and Attitudes about COVID-19 Vaccines Regarding Vaccine Intention and Hesitancy of Attendants of a Healthcare Center in Northern Cyprus"

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Potential competing interests: No potential competing interests to declare.

Overall this is an important topic and this manuscript adds relevant information regarding perceptions of the COVID-19 vaccines and acceptance of these vaccines by individuals in Cyprus. The data regarding lower income countries is largely lacking, and this manuscript adds important findings around one of such countries. The manuscript has a few grammatical errors for the English language that could easily be fixed by editing. The article is structured well and presents relevant information.

Methods: It would be nice to have a bit more detail about how participants were identified, approached, engaged for informed consent. Some of this is outlined in Data Collection Tool but further detail would be useful. Was every patient who entered the health center approached? Who did this approach? Was it the people checking the patient in, or someone else? Were the providers involved in the process? Since the data is all survey-driven, better detail around the distribution of the survey is helpful. Along the same lines, since the patient's caregivers were also included, are there any data describing how many caregivers accepted? I would anticipate that families may share similar beliefs, so if a family of four all responded the same way, this could affect the results.

Results: Defining ranges for the "high, middle and low" economic status would be useful for this section. Also, since the cut off age was 15, how were those individuals ranked in this? Are 15 year olds working full time in the country, or in school?

Discussion: There is good discussion here. Some background to readers regarding the country's information access would be helpful. You describe newspaper, television, social media, internet. Do most homes/families have computers/access to the internet? Do the great majority of individuals receive television and/or newspaper news? It would be useful to know this to put the information people are receiving in context. **LIMITATIONS.** Limitations are important to discuss in any manuscript, and are essential for this one. Some limitations I see right away include the reach (one health system- survey). It could be assumed that people attending a health center/health clinic may be more inclined to take care of their health. You may get a very different result if you surveyed people in another area, such as some type of community event or door to door surveying. Using survey data itself is a limitation. Since the survey was anonymous, it doesn't sound like there would be any way to verify these data. People may not report the true feelings or the true vaccine rates, so you are relying on what they tell you being accurate. Also, would this one clinic truly represent the entire island,

or one region of the island? The results are still interesting and relevant, but they need to be framed around these important limitations.