

Review of: "Knowledge among Health care workers (HCWs) regarding biomedical waste management (BMW) during COVID-19 Pandemic"

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Potential competing interests: No potential competing interests to declare.

General Comments:

- i. Most parts of this paper requires major revisions about the content and its format. Recheck if this is the final copy of the paper to be submitted and intend to be published since many revisions/changes were observe.
- ii. The data was insufficient to satisfy the topic/title of the research paper.

Overall, the manuscript requires serious major revisions , and the reviewer will not recommend the acceptance of this paper unless all the necessary revisions were provided.

Specific Comments:

1. In the abstract, a revision is required which includes a portion or explain why the study was conducted or what is the purpose of this study, the other parts of the methodology that must be included must be inserted such as the sampling, data analysis and how the data was gathered. Also, briefly explain or state the conclusion in the last part and combine the stanzas into a single stanza.
2. In the introduction, include why the study is important or why it should be conducted by explaining its necessity and also add more literature which state the present problem about the knowledge of health care workers (HCWs) and how and what are the possible solution regarding this. Also, improve the format or make the paper more organize.
3. In the methodology, explain how the data analysis or how the data gathered was analyze and the statistical tools utilized. Also, explain how the questionnaire was made. If it was researchers' made, explain how its validity and reliability was assessed. If the other parts were adopted to literatures, cite where it is derived or adapted. In the result, it is mentioned that a 15 general awareness questions were ask about biomedical waste, waste generated in COVID 19 wards, diseases spread by biomedical waste, COVID 19 modes of transmission, biomedical waste management handling rules 2016 rules, general management of biomedical waste during COVID 19 pandemic, and biomedical waste management in SKIMS. Do you think that a 15 items can mentioned about topics/subject?
4. For the result, improve the format/appearance of the tables and include a legend which will tell what does it mean when the p-value is less than 0.05. In the discussion, make a separate discussion for each tables/data presented and include either a supporting or a contrasting statement about the result obtained. Also, there is a statement "Doctors and nurses have better knowledge, positive attitude attitude and good practices compared to paramedics and sanitary

staff regarding infection waste management and were found statistically significant.” Recheck the table in the result if the table for this statement was included since the tables only include the frequency and their mean score, and the difference in their qualification. The comparison between the doctors, nurses, technicians, sanitary workers were missing. To sum it up, make the necessary major revision in this part of the paper.

5. The conclusion is missing.
6. The references were insufficient. Add more recent references from reputable source/journals.