

# 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.

## Knowledge among Health care workers (HCWs) regarding biomedical waste management (BMW) during COVID-19 Pandemic

The following study has an a unique topic and is of exceptional relevance to the current trend of sustainable and environmentally friendly healthcare system. One of the negative implications recognized in the post-COVID era is the amount of medical waste produced during the pandemic. The perception, awareness and knowledge of healthcare workers is a key factor to minimize waste generation at hospitals.

The field work done by the authors is impressive, which was in the form of conducting 160 semi-structured interviews in a hospital setting, which is definitely a challenging environment to conduct an interview. This is a satisfactory number to attain significant results and to illustrate it in a more scientifically attractive manner.

The presentation of the methodology as well as the findings need to be further refined. It is better to ellaborate further on the scoring system used, explaining the questions that were asked, the answers provided. It could be useful to write specific keywords that were searched for in the participant's response. Using such keywords could guide the presentation of findings of these semi-structured interviews. More accuracy is definitely needed to justify such score.

As said before, the topic is relevant, and there are a lot of tools available out there to assess the level of healthcare waste management, knowledge and awareness of healthcare workers.

Finally, it could be interesting to connect results of level of awareness among healthcare workers with potential outcomes, as the infection rate.

To conclude, this is a great topic with effortful field work, nonetheless more work is needed to restructure the methodology, findings and connect findings with potential outcomes.