Reviewer's report

Title: Evaluation of health care waste management practices in a tertiary care governmental hospital of Nepal

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Reviewer: Oladele Ogunseitan

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General Comments

The manuscript by Sapkota and colleagues describes the results of an intervention study of medical waste treatment in a Nepalese hospital. This is an important topic in terms of disease prevention and nosocomial infections. The study is rather straightforward application of a standard protocol and a before-and-after assessment of compliance. To some extent, it is a case-study rather than a research project. The sample size is too small to reach any generalizable conclusions, and it is not clear if the outcome will be sustainable beyond the short period of the study.

Specific Comments

Introduction: Several sentences and declaration need to be supported by references to the original literature. For example, in the second paragraph, the statement that "pathogens in the waste can enter and remain in the air for a long period...." This lapse in citation occurs throughout the entire manuscript.

The study procedure is vague and not reproducible. For example, "regular visits were arranged...." How regular? What is the time frame?

The authors did not produce an exhaustive list of waste treatment practices that they investigated, concluding the first paragraph with "etc."

It is not clear who conducted the inspections, and filled out the standardized survey instrument. It is not clear how disagreements in evaluation and scoring were processed.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, but I do not feel adequately qualified to assess the
statistics.

Declaration of competing interests:
I declare that I have no competing interests