Reviewer’s report

Title: High prevalence of multidrug-resistant gram-negative organisms in HIV positive men

Version: 2 Date: 21 Dec 2016

Reviewer: Olivia Achonduh-Atijegbe

Reviewer's report:

Major comments

The story line is better, however there is still room for improvement. Please take time to address each comment from the reviewers from a positive perspective. The overall aim is to assist you improve your manuscript for better understanding.

Abstract

1. I still think you should calculate the exact p-values (lines 46-48). You can't talk of "significantly higher" without indicating the p-values. Ref. "MDRGN prevalence in rectal swabs was significantly higher in male HP (23.9%; 95% confidence interval 16.2%-32.9%) than in age-matched male HN (8.3%; 3.8%-15.1%). In total, 35 MDRGN species were detected"

Methods.

1. In this section, briefly explain why co-morbidities and previous antibiotic use were not considered in sampling

2. By sample size calculation, I mean you should explain how "109" was obtained as an acceptable sample size.

Results

Tables

1. Include a legend below each table and define all abbreviations e.g Table 1. What is A1-C3?. Table 2: Abbreviations should be below not the top. NB. Each table should be self explicit without reading the text

2. Cross check that your tables are in line with the guidelines of the journal
Discussion

1. Move your hypothesis to the "introduction section".

2. Your lengthy limitations seem to overshadow the findings of your study. Need to clarify and emphasize the importance of your findings. E.g the findings of your work are only on lines 177-184 while the rest are limitations. I strongly suggest you rearrange (re-write) your discussion.

3. Discuss each key finding as a separate paragraph and elaborate it's importance and implication on HIV management

4. Include a short paragraph on the limitations of the study and make suggestions for future work

5. Conclude on a positive note.

Language

I still think the use of English language needs to improve e.g lines 179-180 'the prevalence of MDRGN in rectal swabs of male HP (23.9%; 16.2-32.9) is (was) almost three-fold higher than what? (Figure 1)'. Cross check these discrepancies in the entire manuscript. Consistency in the use of tenses is important.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.
I recommend additional statistical review

**Quality of written English**
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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