Reviewer’s report

Title: Burden and Genotype Distribution of High Risk Human Papillomavirus Infection and Cervical Cytology Abnormalities at Selected Obstetrics and Gynecology Clinics of Addis Ababa, Ethiopia

Version: 1 Date: 26 Mar 2018

Reviewer: Rahel Ghebre

Reviewer's report:

The author's present data on high risk HPV and cervical cancer screening among women in Addis Ababa, Ethiopia. There is limited data on HPV typing among Ethiopian women and the information provided by this study is important to understanding cervical cancer screening using HPV testing in the region.

1. The authors should edit the manuscript to correct English language usage.

2. The variable "Address" as used in this paper is best identified as residence.

3. Table 2: References in which the respondent is 1 (or at times 2) is not an appropriate control and the groups should be collapsed to a more appropriate response categories. For example, age of 18-21 (1 positive) is too small for reference grouping.

4. Table 2: Response category without data (Divorced) cannot have a p-Value. Best to remove them or place 0.

5. It is best to utilize Univariate and Multivariate analysis as categories.

6. If there is sub-type data on the other hrHPV types this can be presented in this manuscript.

7. Table 5 and 6 are difficult to interpret.

8. Please edit result section to remove conclusions that are not strongly supported by the data. For example, line 258 page 12 "The likelihood of being LSIL in the age category of 22-29 is 0.03 times higher than the age group of 18-21 years". As there is only one women with result of LSIL age 18-21, this is limited data upon which to base a conclusion. Given the limited sample size, this data is best presented as proportion and frequency data.
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.

No

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

No

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 am able to assess the statistics

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

Needs some language corrections before being published

Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

1. Have you in the past five years received reimbursements, fees, funding, or salary from an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?

4. Have you received reimbursements, fees, funding, or salary from an organization that holds or has applied for patents relating to the content of the manuscript?

5. Do you have any other financial competing interests?

6. Do you have any non-financial competing interests in relation to this paper?
If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.

I declare that I have no competing interests

I agree to the open peer review policy of the journal. I understand that my name will be included on my report to the authors and, if the manuscript is accepted for publication, my named report including any attachments I upload will be posted on the website along with the authors' responses. I agree for my report to be made available under an Open Access Creative Commons CC-BY license (http://creativecommons.org/licenses/by/4.0/). I understand that any comments which I do not wish to be included in my named report can be included as confidential comments to the editors, which will not be published.

I agree to the open peer review policy of the journal