Reviewer’s report

Title: Knowledge of cervical cancer and HPV vaccine in Bangladeshi women: a population based, cross-sectional study

Version: 0 Date: 22 Feb 2017

Reviewer: Deanna Kepka

Reviewer's report:

This is an important and timely manuscript. It highlights the need for increased cervical cancer education and prevention in Bangladesh where cervical cancer is the 2nd most common cancer among women. I have highlighted my primary concerns below. Overall, I think the manuscript is well-written but I did notice a few typos and grammatically incorrect sentences. Please review grammar again.

Abstract:

- What statistical tests were used in this study? Please include in Methods.
- Please also report related p-values in results.

Introduction:

- Is the HPV vaccine available at all in Bangladesh?
- Has it been available in nearby countries or in the region?
- How will GAVI possibly assist Bangladesh in the future? How likely is this?
- Is there a national cervical cancer screening program in Bangladesh?
- What other studies have been done in Bangladesh on cervical cancer prevention and HPV vaccination?

Methods:

- Was IRB approval received?
- Why were only married females included?
- Did participants receive an incentive to complete the interview?
- How were open ended responses recorded and analyzed?
- Why not include multi-variable analyses? This sample is large enough to carry out more sophisticated models.
- Were there any hypotheses laid out prior to study implementation?

Results:

- This section could be better organized to highlight the most important findings.
- Please refer to tables when providing lists of descriptive and bi-variate results and eliminate this text, only summarize main findings.
- How were the response rates calculated?

Discussion:

- What does this study add that is not already known about cervical cancer education in Bangladesh?
- Highlight the most important findings from this survey and what they add to the current literature.
- Please discuss in greater detail how this study can help improve the opportunity for women in Bangladesh to receive the HPV vaccine?
- Many questions described in the Methods are open ended where in the discussion, it is reported in the limitations that this was a closed ended survey. Please explain and clarify.
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

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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