Reviewer’s report

Title: The influence of medical providers on HPV vaccination among children of Mexican mothers: Comparison between Mexico and the Midwest region of the United States

Version: 1 Date: 08 Jan 2019

Reviewer: Julia Lechuga

Reviewer’s report:

Describe how the option "I don't know" was scored

Describe the outcome measures including reliability estimates

In the results section where you report socio-demographic characteristics briefly highlight the differences across sites

Explain the reasoning behind conducting statistical tests for each item of the knowledge and beliefs questionnaires, conducting such a large number of tests inflates Type I error. Looking at the knowledge items, mothers from Mexico consistently score higher so conducting mean comparisons for each items does not add too much to the picture.

Authors indicate that results hold if vaccination status is controlled, please include these results. It does not make sense to assess intentions in mothers who have vaccinated their children. Alternatively, use vaccination status as the dependent variable. Otherwise, justify your rationale for assessing intentions in mothers who have vaccinated.

Line 68 grammatical error

lines 94-95 unclear sentence

line 112 revise to state "and the vaccine"

line 125 revise to "in Xalapa…"

Be consistent with the use of the terms Hispanic/Latino

Line 149 remove "to the final versions of the survey"

Lines 175-176 reword

Line 198 remove "in Mexico"

Line 213 correct grammatical error
Line 239 reword

Correct formatting mistakes in tables

Be consistent with the addition of footnotes across tables

**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