Reviewer’s report

Title: Impact of HPV vaccination with Gardasil® in Switzerland

Version: 0 Date: 10 Jul 2017

Reviewer: Soren Andersson

Reviewer's report:

Follow up studies of the recently introduced HPV vaccines in general vaccination programmes are important. This study from a province in Switzerland provides interesting data supporting the efficacy of HPV vaccines in preventing the spread of some of the high risk HPV types. The study is in general well presented. My main reservation concerns the low response rate both concerning the questionnaire (19%) and especially the voluntary sample collection (9%). Although the authors argue (and give support) that those responding are representative of a more general population, it is a very limited sample. However, these shortcomings are balanced by the combination with data from the cervical cancer routine screening program where HPV analyses were performed. Thus, in total there is a fairly decent sample presented.

A few additional minor comments:

The language is in general good, but a few details need to be corrected, e.g. "formation" (line 311) which I assume should be "education"; "where" = "were" (line 331).

Table 3, it is not immediately clear to me what the proportion in column 3 is. This should be explained (or revised).

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?
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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

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Please indicate the quality of language in the manuscript:

Acceptable

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