Reviewer’s report


Version: 1 Date: 10 Mar 2019

Reviewer: Hsin-Yun Sun

Reviewer’s report:

The authors wanted to evaluate the level of HBV vaccine uptake in hard-to-reach population and assess the factors associated with and reasons for incomplete vaccination. This is a difficult study, and congratulate for the achievement. However, I have some concerns as follow.

1. In Abstract, Conclusion did not describe the study results but only gave some weak suggestions. Please rephrase.

2. In Abstract, Results could be stated in a more clear and direct way to echo the aims, such as "xx% had incomplete HBV vacation.", "In multivariable models, xx, xx, and xx were associated with incomplete HBV vaccination", and "The most common reasons for incomplete vaccination status were...".

3. In Abstract, the term "a chaotic lifestyle" is confusion. If the authors wanted to state it, please define in Methods.

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.

Unable to assess

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:

Acceptable

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