Reviewer's report

Title: Hepatitis B virus vaccination booster does not provide additional protection in adolescents: A cross-sectional school-based study

Version: 5 Date: 21 August 2014

Reviewer: Noele Nelson

Reviewer's report:

• Major Compulsory Revisions
None

• Minor Essential Revisions
Methods, 3. Epidemiology study, B. Explain equation

• Discretionary Revisions
Results, part 2: subgroup analysis, 2. Immunogenicity response..., line 218, clarify that booster response refers to a post-booster titer #10mIU/mL

Conclusion, last sentence: restate the current Taiwan ACIP booster strategy

• Minor issues not for publication
Background, line 64, change “demonstrates” to “demonstrate”

Methods, 3. Epidemiology study, line 13, leave out “Ab” since it’s redundant. Anti-HBs means hepatitis B surface antibody.

Methods, 3. Epidemiology study, B. – insert a title for C, like for A and C. “Booster effects” or other appropriate title.

Methods, 3. Epidemiology study, B. Change “clinic about average 6 weeks” to “clinic an average of 6 weeks”

Methods, Subgroup Analysis, A. and in the Discussion “Ricombivax” should be spelled “Recombivax”

Results, part 2: subgroup analysis, 3. Longitudinal study, insert a title. “Longitudinal study”

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, and I have assessed the statistics in my report.
Declaration of competing interests:

I declare that I have no competing interests