Reviewer's report

Title: Meningococcal, influenza virus, and hepatitis B virus vaccination coverage level among health care workers in Hajj

Version: 1 Date: 13 February 2007

Reviewer: Rodrigo R Jimenez Garcia

Reviewer's report:

General
This is an interesting manuscript focused on an interesting topic. The manuscript is well written and provides relevant results but needs Major Compulsory Revisions before a decision on publication can be reached.

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Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

In my opinion the paper should analyze data in more depth. No information about the age of the sample is provided, nor the distribution according to the working site or years working as a HCW. No results of vaccination coverage (bivariate analysis) according to age groups, gender, nationality, degree, position and other well known predictors for vaccination such as working site or years working as a HCW, are provided. A multivariate analysis (using logistic regression models) should be conducted in order to determine, after controlling for possible confounding factors, which variables are predictor for vaccination for each of the three vaccines studied. I understand the response rate was 100% is this correct?

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Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

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Discretionary Revisions (which the author can choose to ignore)

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What next?: Unable to decide on acceptance or rejection until the authors have responded to the major compulsory revisions.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I have no competing interests'