Reviewer’s report

Title: The effect of physician’s recommendation on seasonal influenza immunization in children with chronic diseases

Version: 3 Date: 29 September 2012

Reviewer: Fredi Alexander Diaz-Quijano

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I think the paper has improved significantly, it is clearer and is much more informative. The prevalence ratios give a better idea of the impact it would have the effect of immunization recommendation.

• Major Compulsory Revisions:

In the methodology, I suggest to include a reference about the method used to estimate Prevalence Ratio in multivariate models.

I think the prevalence ratios do not significantly vary according to the origin of the recommendation. So I would like to have an overall estimate of PR for the recommendation (from all sources).

• Minor Essential Revisions:

Table 3 it is not very clear yet. I suggest that the absolute numbers and percentages are included within the same box. Furthermore, because we have small numbers, confidence intervals may be omitted. For example: "26/27 (96.3%)"

• Discretionary Revisions:

In abstract, I think you could skip the measures of association (adjusted Prevalence ratio) and better describe the frequency of immunization by recommendation level.

I think the objective could include measurement of the frequency of immunization in the study population.

In the discussion, it may be mentioned that although reporting bias is probable, it is unlikely that such a strong association is explained by these biases, and, so, it is worth thinking that medical recommendations are essential to improve immunization coverage.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a
statistician.

**Declaration of competing interests:**

I declare that I have no competing interests