Reviewer's report

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

Version: 2 Date: 25 July 2012

Reviewer: Fredi Alexander Diaz-Quijano

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Discretionary Revisions

Regarding the measures of association, I think it would be better to use prevalence ratios instead of odds ratio. This is because immunizations are common and in these cases, OR overestimate the strength of associations.

Major Compulsory Revisions

In the particular case of the association between immunization and recommendation, I would prefer expressing the frequency of immunization in both groups: with and without recommendation.

Also in the abstract, please include coverage (%) by level of recommendation, instead of odds ratios.

In the discussion, I recommend an extension of the comment about of recall bias. It is clear that those who received immunization could remember better the recommendation, which would overestimate the association.

Minor Essential Revisions

In Table 1, the first row has percentages relative to the total horizontal and the other rows are percentages relative to the total vertical. That may be confusing, I think in the subtitle of each comorbidity could put the number of participants in parentheses, for example: "Cystic fibrosis (n = 57)."

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

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