Reviewer's report

Title: Monthly house calls by community health workers and public health nurses to improve adherence to isoniazid monotherapy for latent tuberculosis infection: a retrospective study

Version: 2 Date: 13 May 2013

Reviewer: Dolores Katz

Reviewer's report:

Major compulsory revisions

1. The authors use logistic regression, which produces odds ratios. Odds ratios are reasonable approximations of risk ratios only when the outcome is rare. In this case, the outcomes were not rare, and therefore the odds ratios are likely to overestimate the risks. Since the study is reported as a retrospective cohort study, risk ratios can be obtained using other statistical procedures. I suggest the authors present risk ratios.

Minor essential revisions

1. A few typos and grammatical errors:
   --in the conclusions section of the abstract, insert "of" after "regardless"
   --under "Data abstraction," there should be a comma after the word "demographics" to be consistent w punctuation in the rest of the sentence
2. Please give a reference for the Hochberg adjustment
3. In the analysis section, the authors say outcome measures were "rates of INH treatment completion" and "rates of adverse effects". I believe they are reporting proportions, not rates.

Discretionary revisions

1. Is it really necessary to state that "significance was set at 0.05"? Your selection criterion for including variables in the multivariate analysis was 0.2. Why not simply report the values, as you have done, and let the reader decide whether the effect was likely due to chance or not?

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.
Declaration of competing interests:

I declare that I have no competing interests