Reviewer's report

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

Version: 4 Date: 20 June 2013

Reviewer: Dolores Katz

Reviewer's report:

1. The authors present an adjusted relative risk but do not explain how it was obtained. The methods section should (1) state that an adjusted relative risk was calculated from the adjusted odds ratio, (2) state what procedure was used to calculate this relative risk, and (3) provide a reference to this procedure. For example, Zhang J, Yu KF. What's the relative risk? A method of correcting the odds ratio in cohort studies of common outcomes. JAMA 1998; 280:1690-91. Daly provides a method for calculating the upper and lower confidence limits for the relative risk in Daly LE. Confidence limits made easy: interval estimation using a substitution method. Am J Epidemiol 1998; 147:783-90. I am not requiring that the authors calculate these confidence limits, but if they can, it would add value.

There is also a paper on the Internet that discusses these methods:

Minor revisions

1. The following two sentences are currently in the methods. They seem to belong instead in the results section:

The final explanatory variables of treatment completion were type of follow-up (home vs.clinic), INH regimen (9 vs. 6 months), age (<6, 6 to <18, 18 to <35, and 35 and older), patient referral reason (TB contact/TST converter, correctional patient, postpartum patient, and all other TST reactors), and region of birth. We adjusted for age (<35 years vs. #35 years), and postpartum status (yes vs. no).

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