Reviewer's report

Title: Adherence with isoniazid for prevention of tuberculosis among HIV-infected adults in South Africa

Version: 1 Date: 7 April 2006

Reviewer: Jill Berg

Reviewer's report:

General

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

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

Overall, interesting and very readable report describing the use of in-house test strips to assess INH adherence in HIV infected adults. The following would strengthen the report:

1. What is peri-urban? (p.6)
2. Methods section is lacking some key elements
   a. A better introduction to procedures (how were patients approached?)
   b. A discussion of the sampling technique.
   c. Although the aim of the study is to CLINICALLY VALIDATE, no mention is made of the comparison of the in-house strip with a commercially available strip. Was this done?
3. Results section does not describe how many patients were approached.
4. Discussion section presents an interesting finding and the discussion of this is inadequate-p.13, paragraph 3. The fact that those who believed they had a high likelihood of getting TB were more likely to be non-adherent is counter-intuitive and deserves more discussion and if nothing else more investigation in further studies.

Discretionary Revisions (which the author can choose to ignore)

-------------------------------------------------------------------------------
What next?: Accept after minor essential revisions

Declaration of competing interests:

I declare that I have no competing interests