Reviewer's report

Title: Overt Diabetes Mellitus among newly diagnosed Ugandan Tuberculosis patients: a cross sectional study.

Version: 1 Date: 21 December 2012

Reviewer: Fiona Young

Reviewer's report:

A really interesting piece of research within the field of TB-DM.
Title and abstract Clearly convey papers key points. Appropriate, and well defined, methods have been used to address succinct research questions. Data collected are sound and reported appropriately.

Discussions and conclusions are well balanced and adequately supported by the data provided with limitations clearly stated. Very thorough discussion of previous work completed in the area and appropriate reference given to the outcomes from the expert meeting paper.

Minor/ Discretionary Revisions
1) Please clarify the second sentence of the abstract methods section - were lab data collected by validated questionnaire?! Or as well as the data collected by validated questionnaire?

2) In paragraph two of the background it may be worth noting that the reason this is of great public health importance within SSA countries is due to the dual burden of communicable and non-communicable diseases.

3) I'd argue recent evidence to support the association is good but not unequivocal - e.g. few studies have assessed the association amongst groups with high HIV rates or assessed co-linearity between the risk factors such as age. You may want to temper this statement.

4) There is a repetitive use of % in the statistical methods section.
In Table 1, 2 and 3 please remove the dash before mean figures as it reads as if a minus symbol.

5) Does Uganda truly have the highest prevalence or incidence of TB in SSA. Please refer to the WHO global TB incidence and prevalence figures.

6) In discussion it is perhaps worth mentioning the dates of some of the other studies. Given the trends of DM incidence in SSA it wouldn't be too surprising to find higher rates of DM now than some of the older studies have.

7) In discussion upon hepatitis and it's effects upon DM status you may wish to site a recent paper by E.Sobngwi and colleagues.

8) It is interesting to note the poor glucose control amongst individuals with DM, this warrants further discussion.
**Level of interest:** An article of importance in its field

**Quality of written English:** Acceptable

**Statistical review:** Yes, and I have assessed the statistics in my report.

**Declaration of competing interests:**

I declare I have no competing interests.