Reviewer’s report

Title: Sexual HIV risk behaviour and associated factors among pregnant women in Mpumalanga, South Africa

Version: 2 Date: 20 December 2012

Reviewer: Elizabeth Machado

Reviewer’s report:

MINOR:

English check:
1. include "be" in the second phrase of abstract : May be explained, as already suggested in the first review. It is still uncorrected.
2. Last sentence on the first paragraph of background: previous studies found the increased HIV-1 risk (7.35 versus 3.01 during HIV pregnant and non-pregnant periods.
   it did not state the correct finding described in the original paper: the word HIV should be removed from the sentence and it can be written again such as: previous studies found an increase of HIV-1 incidence among pregnant women when compared with non-pregnant women.
3. First sentence of sample and procedure (Methods item): substitute the bracket by a colon sign before age range....
4. 3rd paragraph of discussion: delete found to be..... This study found that being HIV positive was associated......

Major:

The author will need to review the description of HIV risk factors for Never condom use with primary partner and also for HIV status of partner is positive or unknown: In the first case, the author found an adjusted OR for HIV positive of 0.39 but in the description of the results, this OR was atributed to those reporting being negative! The same kind of error was done for the second risk factor cited above.

One of the reviewer suggested that the author explain why there was a convenience sampling of 48 form 74 clinics and also discuss potential bias in the limitations. The author did not address this issue, in my point of view, just changing the convenience sampling for systematically sampling in the text. Were the samples collected by convenience or systematically sampling?

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published
Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:
I declare that I have no competing interests