Reviewer’s report

Title: Caregiver-Reported Adherence to Antiretroviral Therapy among HIV Infected Children in Mekelle, Ethiopia

Version: 6 Date: 6 February 2014

Reviewer: Sibhatu Biadgilign

Reviewer’s report:

Background
• Need to revise the spelling and grammar/editorial like ... In that same year
• The authors should revision on the flow of literature according to their thematic area

Methods
• It is one of the areas that the authors made confusion while they include the study subjects should receiving continuous antiretroviral therapy for the last 8 weeks/2 month. In assessing pediatrics adherence, it is advisable to put the patients more than 3 month to stabilize the adherence level. So how do you see?
• Some variable not significant in bivariate analysis were entered in the model of multivariable that make confusion unless it is stated in the method or result section earlier.

Results
• On Medication adherence pattern, the author mentioned only seven day adherence rate. What about the 3 days and 30 day adherence rate?
• I am doubt about the modeling procedure undertaken and it has a great effect on the output part and their interpretations.

Discussion
• Remove unnecessary and redundancy words from the result section [paragraph 3 onward]
• Discussion need to be re-writing especially on the paragraph 5 and some of the explanation forwarded were not be logically reasonable.

Regards,

Level of interest: An article whose findings are important to those with closely related research interests

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