Reviewer’s report

Title: The effect of Isoniazid preventive therapy on tuberculosis incidence in adult HIV-infected patients under Pre-ART Care, Jimma University Specialized Hospital, South West of Ethiopia, Retrospective cohort study.

Version: Date: 26 November 2014

Reviewer: Amare Deribew

Reviewer’s report:

Major revisions:

Methods:
• Please describe in detail the number of the source population in each group. i.e. How many IPT users and non-users were there during the study period to take the required samples?
• Some terminologies shall be defined in the text. E.g. working and ambulatory groups.
• Table 5 is not included. Please include it with relevant information such as numbers (%), and HR with 95% CI.

Minor essential comments:

Title: It should be short. E.g. The effect of Isoniazid preventive therapy on the incidence of tuberculosis among HIV clients in Jimma, Ethiopia: Retrospective cohort study.

Abstract:
• Please avoid abbreviation for the first time. E.g. PLWHIV in the first sentence and AHR and PYO in the middle of the abstract.
• The objective needs modification: The objective of the study was to compare the incidence rate of TB and identify factors associated with TB development among HIV…….
• Please avoid GC next to the year in all the text.
• Please review the results section in the abstract. E.g. …..and (AHR=3.16) is not clear.

Introduction:
• Please use recent literature on the burden of TB. Why do you use the 2011 estimate of TB where there is recent reports?
• Please use proper punctuation throughout the text. E.g. In Ethiopia, the dual… In the country, 79%..... In Ethiopia, the effect (comma was missed). These are few examples but you have to revise it extensively.
• Please modify the last sentence of the introduction. E.g. The null hypothesis included…
Methods:
• Please avoid bullet points throughout the text. E.g. Exclusion criteria included…
• Correct the use of unnecessary punctuations. E.g. Necessary information’s

Results:
• Please revise most of the sentences for clarity. E.g. “Nearly half of the pre-ART care receiving patients had at least one episode of opportunistic illness in the past; 45(49.49%) and 126(42.86%) of patients were from IPT and non-IPT group, respectively.” Could be written in a short and attractive form. There are several texts like the above, which need extensive revision.
• Please avoid describing “KM or multivariate analysis” again in the result section. It was already mentioned in the methods. Directly put the findings. E.g Patients who didn’t receive IPT had……
• Figure 1 should be revised to make it crystal clear. It is now blurred and very small. Please avoid the small title above the figure.

References:
• It should be revised again. It doesn’t follow the journal’s style.

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