Reviewer’s report

Title: Prevalence and associated risk factors of anemia among HIV infected children attending Gondar University Hospital, Northwest Ethiopia: A cross sectional Study

Version: 2 Date: 11 February 2015

Reviewer: Lealem Bimerew

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Review Report

Title: Prevalence and associated risk factors of anemia among HIV infected children attending Gondar University Hospital, Northwest Ethiopia: A cross sectional Study

Thank you for the opportunity to review this manuscript. My comments and feedback are below, in order of the text that they refer to in the manuscript.

Major Compulsory Revisions

1. Method section, the laboratory investigation line no 102-104, you did stool examination by using direct wet mount only which is less sensitive to detect ova of parasites. Needs justification??

2. If one of your target was to assess risk factors for anemia why did not you screen those children for Hemoparasites particularly Malaria and nutritional status of children.

3. On statistical analysis (line no 105-109): You analysed your data using SPSS v-20. If so why did you use chi-square to identify the associated factors?? Chi-square does not tell you the specific associated factor for anemia. I prefer if you did logistic regression analysis to see the association as far as you have the data in the software.

Minor Essential Revisions

Abstract

4. Define anemia in the methods

Introduction

5. Please clearly show the gap for the need of this study?

Materials and Methods

6. Ethical issue: What did you do for those anemic children since it is ethical issue? Need to be

7. More details about the sampling would be helpful, including the number of Children involved in the study.

8. There are variables mentioned in the table such as haematuria and loss of
appetite? How did you assess it? You need to explain it in your method section.

Discussion section:

9. Some justifications needs clarification? For example line 152: one of the reason given for the variation is ethnic city? How this creates variation especially between children living in Jimma, Ethiopia and those children living in Gondar, Ethiopia??

10. You should compare your finding with other studies? Some lacks justification. For example paragraph 3 and paragraph 4.

**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