

Review of: "Giardia lamblia infection And Associated Risk Factors Among Patients Who Are Seeking Stool Examination At Bule Hora University Teaching Hospital, West Guji Zone, Ethiopia"

Ephrem Tefera Solomon¹

¹ Haramaya University

Potential competing interests: No potential competing interests to declare.

Comments

Major comments:

1. It is unprecedented for research work to conduct stool examination using direct microscopic examination
2. The calculated sample size was 166.9. After adding 10% contingency, the final sample size became 184. However, your calculation gave you 137. How you calculated it, I don't know. This is an irreversible mistake that you can do nothing about.
3. You have to re-analyze your data using Binary Logistic Regression. That is, you have to analyze first by Bivariate logistic regression, and those independent variables scoring ≤ 0.25 should be candidates for Multivariable logistic regression. Otherwise, a Chi-square test alone is not enough
4. Re-write and reorganize your introduction into:
 - a. What is known?
 - b. What is not known? and
 - c. What will be the contribution of this study?

Minor comments:

1. You didn't give line numbers to your manuscript, so it is difficult to comment. For future drafts of the same manuscript, you have to give line numbers
2. You have to include the following in the study area and period part:
 - a. The latrine coverage of Bule Hora town
 - b. The drinking water coverage of Bule Hora town

Specific comments

Cover page

Giardia lamblia infection Aand

Associated Risk Factors Among Patients Who Are Seeking Stool Examination At Bule Hora

University Teaching Hospital, West Guji Zone, Ethiopia

Sections

Abstract

- In the 'Method' section of the "Abstract" part, modify the following sentence as "A p value of 0.05 was considered statistically significant." to "A p value of < 0.05 was considered statistically significant."
- In the 'Results' section of the "Abstract" part, give space between 'of' and *G. lamblia*
- Your recommendation in the 'Conclusions and Recommendations' section of the "Abstract" part has nothing to do with your conclusion. Please re-recommend as per your conclusion

Introduction

Delete the first and second paragraphs of the introduction part; it is not a seminar, it is research. They have nothing to do with the introduction of a manuscript write-up.

Methods

Study area and period

Paragraph one, line three: delete the second comma after the word "centers"

Study design and population

L1: add the word "factors" after the word "risk"

MY FINAL DECISION IS REJECT. BECAUSE IT IS UNPRECEDENTED TO DO A RESEARCH USING DIRECT MICROSCOPIC EXAMINATION. MOREOVER, THE SAMPLE SIZE CALCULATION IS WRONG, WHICH IS IRREVERSIBLE AT THIS STAGE, AS I INDICATED IN THE MAJOR COMMENT PART. CONSIDERING THE ABOVE ANOMALIES, I DECIDED TO REJECT IT. HENCE, MY FINAL DECISION IS REJECT.