

# 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"

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Potential competing interests: No potential competing interests to declare.

## Introduction

Paragraph 1: 'Giardia intestinalis' should be in italics

## Methodology

Laboratory stool examination – Stool collection was not properly explained in this study. The statement *when the stool was solid, a few drops of saline was added* is confusing and more clarification is needed. You need to explain if the samples were preserved or viewed immediately. Was there any effort to preserve the trophozoites? If you did, how did you achieve this? You need more explanation. What container did you use for stool collection? Did you view the stool immediately?

## Data Quality Control:

*Microscopy was examined to see if it was regularly maintained* is not a clear statement. Did you intend to say microscope?

## Ethical Approval and Consent to Participate

*The Bule Hora University Institutional Review Committee (BHUIRC/2023) was approved ethically before the study could begin.* This sentence is not clear. Is it that Bule Hora University Institutional Review Committee approved the study? The sentence needs to be reframed.

## Discussion

Can you explain the methods of diagnosis of *G. lamblia* in other studies you compared with your results? Or is it that all the studies you compared used the microscopy method?

Paragraph 4: 'G. lamblia' should be in italics

The last paragraph's explanation for fingernails is not clear. Fingernails may not be a factor for Giardiasis infection. It is expected that a hygienic person can keep a fingernail. You need to discuss this properly.

The age group is usually a strong factor for Giardiasis. It would be nice if the prevalence in less than 5 years of age could be obtained.

### **Conclusion**

Your conclusion is being mixed with recommendations. If possible, kindly separate recommendations from the conclusion section.