



SDI Review Form 1.6

Journal Name:	<u>International Journal of TROPICAL DISEASE & Health</u>
Manuscript Number:	Ms_IJTDH_33255
Title of the Manuscript:	Prevalence of Intestinal Protozoan Infections and the Associated Risk Factors among Children in Bushenyi District, Western Uganda
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	Abstract - The abstract says participants were between the ages of 1 – 4 years, but in the methods, it states that participants between 1 – 12 years were targeted. Furthermore, in the results, table 2 shows that participants below 1 year were equally included (20). Can the authors make things clear by being consistent in their reporting? - For the prevalence of intestinal protozoa, provide the 95% confidence interval, in both the abstract and the results. Methods - Describe the study area and include a map of the study area indicating the different study sites targeted. - From the sample size formula and the prevalence of intestinal protozoan infection from a similar study presented in the manuscript, one will deduce a sample size of at least 296 participants. Can the authors explain why the required sample size was not reached? Otherwise make amendments. - Was any molecular analysis performed to differentiate <i>Entamoeba histolytica</i> from <i>E. dispar</i>? If not cite as <i>E. histolytica/dispar</i> throughout the manuscript.	The study targeted children aged below one year to 12 years. <i>This has been effected</i> <i>This has been effected</i> Some patients refused to consent/assent, some who had consented/assented failed to provide the samples within the study period and some withdrew from the study. <i>E. histolytica</i> corrected to <i>E. histolytica/dispar</i> since there was no molecular analysis to differentiate between <i>E. histolytica</i> and <i>E. dispar</i>. The recommended change has been effected <i>This has been effected</i>



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	Results - In the paragraph under the “Socio-demographic characteristics of respondents”, make reference of table 2. - Table 1: include the number (n) of participants infected for all isolates and format the table correctly. I.e. n (%). Discussion - Move the first paragraph to the introduction. - Line 152: what do you mean by upcountry study area? - Lines 164 – 165: prevalence of 15.4% pertains to which area/country? - Lines 185 – 188: rephrase sentences for clarity.	<i>The recommended change has been effected</i> <i>This has been effected</i> Bushenyi District, Uganda For Uganda <i>This has been effected</i>
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Minor REVISION comments	Introduction - Line 20: "Therefore this study was aimed at..." Discussion - Move the first paragraph to the introduction. - Line 151: "Overall prevalence of 36.5% for IPIs among..." - Line 152: "This was in agreement with most previous studies..." - Lines 171 – 172: do you mean Nepal or Uganda? It's clear because ref 13 pertains to Nepal. - Line 180: "<i>G. lamblia</i>" and not "<i>G. lambria</i>" - Line 193: instead the infection rate was higher in females compared to males (18.6% vs. 18.4%). - Line 206: "preventive" - Line 214: "faulty sewage" - Line 225: "common intestinal protozoan" - Line 225 – 226: "The intestinal protozoan infections were most prevalent among..."	Corrected to 'This study was conducted to determine'..... <i>This has been effected</i> Corrected Corrected Corrected Corrected to <i>G. lamblia</i> Corrected Corrected Corrected "faulty sewage line" Corrected Corrected
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