



SDI Review Form 1.6

Journal Name:	International Journal of TROPICAL DISEASE & Health
Manuscript Number:	Ms_IJTDH_38885
Title of the Manuscript:	Prevalence And Risk Factors Of Intestinal Parasitic infections Among Inmates Of The New-Bell Central Prison, Cameroon
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	<p>I send you below my comments on this very interesting article that I had the pleasure to read because of its quality of writing. However, I noted some remarks that, taken into account, should improve its quality.</p> <p style="text-align: center;">1. The title</p> <p>In my opinion, the title should not include risk factors because I do not think there are enough environmental factors that can allow helminthes found in this study to succeed in their life cycle to ensure an interhuman contamination in jail conditions.</p> <p>For proof none of the risk factors studied in this article showed a significant difference with the Chi2 test. On the contrary, it is the reverse and unexpected results that have been observed.</p> <p style="text-align: center;">2. The results</p> <p>All over the text, the results presented in particular the "prevalences" do not correspond to what appear in the tables 1 and 2. In addition what you calculate does not correspond to prevalences but to index of infestation (ex: ratio of positive females on total of females studied).</p> <p>No doubt that you were wrong file otherwise it would be a serious problem in the presentation of the results on the tables</p>	
Minor REVISION comments	<p>* Introduction</p> <p>- L56: "... Keffi and Owerri in Nigeria [7,8,9,10]..." These references quote more than the Koffi and Owerri jails, so why do you mention only these two?</p> <p>* Materials and methods</p> <p>- L130: "... <i>Cryptosporidium</i> sp cysts..." Prefer "oocysts" to replace "cysts"</p> <p>* Results</p> <p>- L152-155: "Mixed infections recorded were <i>E. coli</i> + <i>A. lumbricoides</i>, <i>G. intestinalis</i> + <i>T. trichuira</i>. Co-infections <i>E. histolytica/dispar</i> + <i>A. lumbricoides</i> (0.5%), <i>E. histolytica/dispar</i> + <i>T. trichuira</i> (0.5%), <i>E. coli</i> + <i>S. mansoni</i> (0.5%) were recorded in 0.5% inmates stool samples. One inmate harboured a co-infection by three parasite species namely <i>E. coli</i> + <i>G. intestinalis</i> + <i>A. lumbricoides</i>."</p> <p>What is the difference between mixed infection and co-infection? You must reformulate this part.</p> <p>- L185: "The prevalence of participants was declared walking sometime barefooted was 13.4%." This sentence is irrelevant since the <i>S. mansoni</i> cycle is so complex that it could not be done in the prison environment (no intermediate host).</p> <p>* Discussion</p> <p>- L212: "... the New-Bell prison milieu..." Substitute "milieu" by "area"</p> <p>- L216: "... a high risk to acquire IPIs in the New-Bell central prison..." This sentence is to be eliminated since your study has finished demonstrating the opposite.</p> <p>- L230-231: "Such data indicated that inmates in the prison area were likely to acquire IPIs than subjects living outside of the</p>	



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	<p>prison...” On the contrary, data show opposite with for example: Inmates who had spent less than one year in the New-Bell central prison had the highest infection prevalence (L164-L165).</p> <p>- L233-234: “... the majority of the inmates in the New-Bell central prison are poor and homeless with limited access to potable water as well as sanitation...” This part is not clear. Explain if these poverty and homelessness are the situations that inmates live in the prison or their situation before detention.</p> <p>- L238: “... the floods will spread parasites from any open air defecation...” By “from any open air defecation”, where exactly do you want to talk about?</p> <p>- L243: “...but were in accordance...” You introduce an opposition by “but” then do not use “in accordance”</p> <p>- L245: “Such lesser IPs prevalence...” Remove the bold character on “lesser”</p> <p>L262-264: “... had higher IPs prevalence...” Reformulate this sentence or substitute this part “had higher IPs prevalence” by “compare to “those...”</p> <p>L273: “... in the prison milieu...” substitute “milieu” by “area”</p> <p>L292: “<i>Cryptosporidium</i> sp and <i>Isospora</i> sp cysts” Substitute by “<i>Cryptosporidium</i> sp and <i>Isospora belli</i> oocyst” because there is only one species of <i>Isospora</i> parasite of human (<i>I. belli</i>).</p> <p>* Tables</p> <p>- Table I: “<i>T. trichuira</i>” Correct by “<i>T. trichiura</i>”</p> <p>- Table II: “Underground water” Use the same word as on the text “mineral water”</p>	
<p><u>Optional/General</u> comments</p>		

PART 2:

<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	<p>Author’s comment <i>(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)</i></p>
<p>Are there competing interest issues in this manuscript?</p>		

Reviewer Details:

<p>Name:</p>	<p><i>Khadim Diongue</i></p>
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