



SDI Review Form 1.6

Journal Name:	International Journal of TROPICAL DISEASE & Health
Manuscript Number:	Ms_IJTDH_24501
Title of the Manuscript:	Soil Transmitted Helminthes; prevalence, perception and determinants among primary school children in rural Enugu State, Nigeria
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	It is a good piece of research. However it is not written in a proper manner. Slangs and jargons appear here and there. Authors need to consult an English speaking person who will put the manuscript into proper English. Literature citation is old. Much in way of research has happened after 2008. There is a clear cut difference between infection and infestation which authors seem to have missed. There are 90 areas for them to work on as shown below.	
	1. line 3: Find out the correct way of writing: is it Helminthes or helminths 2. Line6: Aim: word # 5, parents...TM. What does it vmean?. line 7. Write thus: prevalence of soil transmitted diseases (STD) 3. Line 12: Write thus: ccccccccc 4. Line 13: Last word: p a%....Should be written properly 5. Line 14: Last word should be written properly 6. Line 15: Farming 166(40.49) should be written properly Thus 166 (40.49). Similarly line 15 should be written properly thus 166 (40.49) and line 16: 120 (29%). These corrections apply to the whole	Helminths modified effected re-written effected



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	manuscript. 7. Line 17 Authors should know the difference between infection and infestation. In this study participants were infected. They were not infested! 8. Line 18: were infected as follows: Ascariasis 9. Line 19: Move no mixed infection to come after protozoa so as to read thus: protozoa 8 (0.9%). There was no mixed infection detected. Then the following sentence to be modified to read thus: There was a significant difference in worm infection at base line and at 3 months 10. Line 20: Change worm infestation to worm infection. Insert a period after (p<0.001) Majority ... to read: (p <001). Majority... Please change infestation to: infection 11. Line 22. ...without height or weight gain 191 (52.5)... 12. Line 23: Change infestation to: infection. The sentence is wrongly constructed. Modify the sentence to: infection, stated that worm infection can be contracted ... 13. line 24: change 27 (13.5%) stays ... to: About 27 (13.5) 14. Line 25. Change there were to there was no significant... 15. Line 26. Change infestation to infection...	EFFECTED EFFECTED MODIFIED CHANGED AND MODIFIED DONE EFFECTED DONE DONE DONE
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	16. Line 30. Change infestation to infection 17. Line 32. Change infestation to infection. Write correctly! ...for centuries now. [1] is written thus: ...for centuries now [1]. Make corrections in all references in the manuscript. This applies for the entire manuscript from 1 to 41. 18. Line 33: In the title you wrote Helminthes.on this line you wrote helminths. Which is the correct word to use? 19. Line 37. First word. What does it stand for? 20. Line 39: helminthes? Infestation? Which one is correct? 21. Line 40: change dollars to research funds 22. Line 43: After 39 million, add DALYs so as to read thus: giving a combined total of 39 million DALYs [6]. 23. Line 44: the disease burden is as great as those of: modify to read thus...the disease burden is as great as that due to tuberculosis... 24. Line 45: The reference is not properly inserted. It should be thus: (46.5 million DALYs) [5]. 25. Line 46. Change infestation to infection as already stated that references are not properly inserted	DONE HELMINTHS as suggested STATED MODIFIED DONE EFFECTED EFFECTED EFFECTED
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	26. Line 50. Infested?	EFFECTED
	27. Line 54: infestations?	EFFECTED
	28. Line 55: <i>Ascaris lumbricoides. Trichuris trichiura</i>	EFFECTED
	29. Line 61. Infestation?	EFFECTED
	30. Line 66: infestation?	EFFECTED
	31. Line 69. That places: change to read thus: in countries	EFFECTED
	32. Line 70. As above (line 31)reconstruct to read as follows: in countries where sanitary system is lacking, i.e. lack of latrines, houses are poorly constructed (floors are not cemented) and inhabitants do not wear shoes.	MODIFIED
	33. METHODOLOGY	
	34. Line 90. Setting. It would add value to the manuscript if it included a map to show where Enugu State is exactly located. The map should have a scale and compass. At what season of the year was the study done?	ADDED... Rainy season
	35. Line 95: Change the people to: The inhabitants of Enugu state are predominantly Igbo and Christianity is practiced by most of them.	MODIFIED
	36. Line 117: It is important to state the age of the pupils. Equally important is that the participating schools must be known by their names	RANGE OF AGE STATED <u>BUT</u> SCHOOLS ARE MANY (8) AND ADDED AS APPENDIX



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	37. Line 130: The dose of the drug administered should be given 38. Line 134: Adverse effects following the administration of the antihelmintic were reported to parents and research assistants. <u>What measures were taken when the adverse effects were reported?</u> 39. Line 144: Permission was sought and granted... 40. Line 48: their cooperation was sought 41. Line 149 and 150. Delete: The pupils.....deworming. This sentence concerns Results section 42. Line 199: A Table should not be broken. It must fit into a page. 43. Under Occupation, who is a petit farmer? 44. Line 156: Farming: I do not see it in Table 1 45. Line 157: responds have: change to respondents had 46. Table 2: change stays to lived in 1 to 3 What is <u>bush method</u> which I do not see in the Table. Avoid use of jargons in a scientific manuscript. Line 159: change uses to used, i.e. use past tense. This applies to lines 160 as well. 47. Table 1: What is the meaning of married with spouse? Line 201 ** married and lives with souse. No where is	ADDED NONE REPORTED DONE DONE. DONE MODIFIED CHANGED CHANGED CHANGED METHOD removed CHANGED
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	** representd., 48. Table 2: what is Bush? What is Pipe borne water? The p values are unique. They range from 50.732.44. What is the interpretation of these p values? 49. Line 160: sources of water supply...Modify sentence to read thus: There was a similarity 20% in the sources of water supply. 50. Throughout this manuscript the word Hookworm has been used liberally. Authors need to state the hookwork they have identified among human hookworm described. At the bottom of Table 3, authors state that they identified A. duodenale & N americanus. What is the difference and similarity of the two hookworms. How did they differentiate the two? 51. Table 3. There are problems with Table 3 Baseline. Total infected appears to be 176. After 3 months...if total infected is not 220, then the Comparison worm....is not true. Protozoa**How did authors distinguish Entamoeba histolytica from E. dispar? What does coincidental finding mean? E dispar is not seen in our environment	MODIFIED Very sorry CHANGED DONE duodenale was the specie identified. Hookworm was used because that is what is commonly being referred to as in our environment VERY SORRY Total is 176 NOT 220 and has been corrected Though p value did not change $p < 0.001$ E dispar is not seen in our environment equally a public health laboratory scientist working with University of Nigeria Teaching Hospital did the laboratory analysis They were seen as coincidental finding as they are not Helminths which the study is targeted at
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	52. Table 4:line 170. ..their parents..what does their mean? Frequency = 410 and n = 364. What does this mean? What does (88.8..) mean? 53. Line 170, verbs to be changed to past tense 54. Table 6. (n=859). But 387+252 is not 859! Nor is 341+298 = 859!, etc. what is petit farmer? Who is the difference between married & with spouse and what is in Table 1? 55. Table 7: as for Table 6, 397 + 246 does not add to 859. The word poor is used for the last 2 parameters. I suggest author use low in place of poor 56. Line 245: DISCUSSION. Change the sentence to read thus: In this study we recruited ..[how many?]....primary school children aged 5-9 years.	“Their parents” changed to “respondents” 410 were total number of respondents to questionnaire (parents) while n = 364 were number of respondents that have heard of worm infection. 88.78 is the corresponding percent to 364 EFFECTED 859 is total number of pupils studied/dewormed. The total is not for “NO” but for both Yes and No. This totaled to 859. This is same for Tables 6 and 7 859 is total number of pupils studied/dewormed. The total is not for “NO” but for both Yes and No. This totaled to 859. Poor changed to Low DONE
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	There were slightly more boys than girls. A study.... 57. Line 250. ...are Nigerian tradition'. what does this mean? 58. Line 251: higher value to boys than girls. 59. Line 252: The sentence can be modified to read like this: In Nigeria boys receive special favors to excel because they are considered apparent inheritors of family property. 60. Line 255...who will prefer. Change to read: who prefer... 61. Line 257: ..aged 15-24 years. Change to aged 15-24 years 62. Line 259: change correlated to: well informed about.. . 63. Line 261...to earn living. Change to earn a living 64. Line 262: change two third to two thirds of the women were married and lived with their husbands. 65. Line 263: ... because the Igbos respect highly the marriage instruction marriage and would go a long way	MODIFIED CHANGED EFFECTED DONE DONE DONE EFFECTED CHANGED EFFECTED
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	to keep it intact.	
	66. Line 266: ...age distribution given above	DONE
	67. Line 267: while 50.73 use bush method. What is bush method? 3.42% use..	MODIFIED
	68. Line 268:supply were similar about 20% . This is not standard English.	MODIFIED
	69. Line 270 and 271. Change pupil to pupils were infected ...what was the % infection with Ascaris (this should be written in full as well) what does coincidental mean?	DONE
	70. Line 272: .. in Enugu and other states? on..	MODIFIED
	71. Line 273: ...findings	DONE
	72. Line 276: ...in district Bagh (Azad kashmir). This is not written properly	MODIFIED
	73. Line 278. Hookworm is one word	DONE
	74. Line 279. Change trichuris to Trichuris	DONE
	75. Line 283: change pupil to pupils	DONE
	76. Line 286. Infestation or infection?	DONE
	77. Line 287: ... in terms of availability of toilets and sewage disposal.....	DONE
	78. Line 291: what is X². This symbol is correctly	



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	written in Table 2. 79. Line 306. ..the pupils 80. Line 310: the correct term for this manuscript, infected, has been used 81. Line 312: Boys and girls were..... (B:G) 82. Line 332: sewage disposal and sourcing?? Water. Modify to read: sewage disposal and method used to obtain water for domestic purposes 83. Line 338: ... poor environmental sanitation^{93,94-96}. If these numbers are intended to be references, it cannot be so because 41 is the last reference (line 458): 84. Line 40. change was to were. 85. Conclusion: change infestation to infection 86. Line 354: influenced? 87. Line 355: influenced? 88. Line 353: references: most of the references are old. 1996 to 2009 and only one reference in 2010. There is a need to update the references in order to present the true situation. Line 417. What does xxix stand for? They complied with ethical requirements	CHANGED CHANGED CHANGED DONE REMOVED CHANGED 1. CHANGED not associated with... CHANGED not associated with... PLEASE. THOSE WERE REFERENCES WE COULD CITE THAT ARE IN LINE WITH THE STUDY. MOST STUDIES ON THE SUBJECT WERE OLD
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		