



**SDI Review Form 1.6**

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| Journal Name:            | <a href="#">International Journal of TROPICAL DISEASE &amp; Health</a> |
| Manuscript Number:       | 2013_IJTDH_8778                                                        |
| Title of the Manuscript: | URINARY SCHISTOSOMIASIS AMONG FULANI PASTORALISTS IN RIVERS STATE      |
| 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.

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(<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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| <b>Compulsory</b> REVISION comments | <p><b>Abstract</b><br/>Line 20 – A modern statistical package should be used to analyse the differences observed in the result<br/>Line 30 –the first conclusion sentence should be replaced with – The results revealed high prevalence and intensity rates of <i>Schistosoma haematobium</i> among the Fulani herdsmen. Since such herdsmen are always on the move in search of greener pastures they would always pollute water bodies and thus serve as source of transmission to neighbouring communities.<br/>Line 31 – Replace with – Health education campaigns by health workers and researchers to the herdsmen as well as intensified integrated control measures is advocated.</p> <p><b>Introduction</b><br/>Line 44 – The( WHO) should be replaced with a number if its number referencing that is recommended</p> <p><b>Materials and methods</b><br/>Line 65 – use the sub title-- Study area and study population<br/>Line 71 – The range of humidity should be stated and the source of weather conditions must be referenced.<br/>Line 78 – Remove in this study and start with – The study population consist of -----who have migrated and encamped in bushes in Rivers State for -----2011.<br/>Line 85 – State the methods used in selecting the</p> | <p>The results revealed high prevalence and intensity rates of <i>Schistosoma haematobium</i> among the Fulani herdsmen. Since such herdsmen are always on the move in search of greener pastures they would always pollute water bodies and thus serve as source of transmission to neighbouring communities.</p> <p>Health education campaigns by health workers and researcher to the herdsmen as well as intensified integrated control measures is advocated.</p> <p>[4]</p> <p><b>Study area and study population</b></p> <p>humidity range of 72% to 83% is high in the State throughout the year and decreases slightly in the dry season [23]<br/>The study population consists of Fulani pastoralists who have migrated and encamped in bushes in Rivers State from 2009 to 2011. A total of 593 herdsmen who voluntarily</p> |



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|  | <p><b>subjects, how many chosen from each encampment , why? and the total sampled in all.</b></p> <p><b>Line 87 – add and consent to the subheading</b></p> <p><b>Line 88 – remove survey and replace with study</b></p> <p><b>Line 93- cut the first sentence and place it as last sentence on line 91.</b></p> <p><b>Line 96- proper reference for Cheesbrough</b></p> <p><b>Line 101- replace the subheading with Urine examination and analysis</b></p> <p><b>Line 106- replace were with where.</b></p> <p><b>Line115- What statistical package was used.</b></p> <p><b><u>Results</u></b></p> <p><b>Lines 119 to 131 – Is the duplication of table 1. Please give the highlight of what is in the table</b></p> | <p>participated were randomly recruited from six bush encampments in Rivers State, Ahoada, Bori, Elele, Eleme, Elenwo and Oyigbo where large population of Fulani herdsmen was located with their families.(Please see line 68-70)</p> <p>Consent</p> <p>Study</p> <p>Oral consent was given by each Fulani before commencing this study.</p> <p>Cheesbrough [13].</p> <p><b>Urine Examination and Analysis where</b></p> <p>. Frequency distributions were obtained and ANOVA was employed to test significance. Data analysis was done using SPSS version 10.0 of the SPSS software package (SPSS Inc, Chicago IL)</p> <p>Of the 593 Fulani pastoralists urine samples examined from six bush encampments for <i>S. haematobium</i> 394 (66.4%) were infected with mean intensity of 83.3±2.0 eggs/10ml of urine. The Fulani's in Eleme bush encampment had the highest prevalence of infection 91(81.3%) with mean intensity of 96.1±4.0 eggs/10ml urine followed by Oyigbo bush encampment with prevalence of 77(76.2%) with mean intensity of 93.1±5.1 eggs/10ml urine. There was no significant difference (<math>x = .478, p &gt; 0.05</math>) in the prevalence of <i>S.haematobium</i> between the six bush encampments. A total of 132(33.5%) had very heavy infection with</p> |
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|  | <p><b>Line157- insert significant after statistical</b></p> <p><b>Line 178- use the subheading – Urinalysis by age</b></p> <p><b>Line179- replaces respondents with urine samples and corrects the sentence.</b></p> <p><b>Line 180 – start the sentence with The age group 31040 years ----- while the least was the age group 1-10 years-----.</b></p> <p><b>Line 185 – use the caption-- Urinalysis showing number with proteinuria and haematuria by age</b></p> <p><b><u>Discussion</u></b></p> <p><b>Line 189- cut the first sentence and transfer it to the end of introduction,</b></p> <p><b>Line 190- the result of the study is re represented and so should be removed and re casted inform of discussion.</b></p> <p><b>Line197 to 204- to be recasted</b></p> | <p>Eleme and Oyigbo bush encampment having the highest prevalence of 41(31.1%) prevalence and (25.0%) respectively. However, there was no significant difference in the intensity of infections (<math>x=.100</math> <math>p&gt;0.05</math>). statistical significant difference</p> <p><b>Urinalysis by age</b></p> <p>A total of 444 (74.9%) and 427 (72.0%) urine samples were positive for haematuria and proteinuria. The age 31-40 years had the highest prevalence of haematuria 96 (88.1%) and 69(59.5%) proteinuria while the least was the age group 1-10 years with 50.9% and 41.5% proteinuria and haematuria respectively</p> <p><b>Urinalysis showing number with proteinuria and haematuria by age</b></p> <p>Several studies on urinary schistosomiasis in Rivers State had tended to focus on school-age children and adults, with little or no emphasis on Fulani pastoralists in the State. (Transferred to the introduction in the main work,)</p> <p><b>The study assessed the prevalence of different urinary schistosomiasis infections among Fulani herdsman in six bush encampments in Rivers State. In the current study overall urinary schistosomiasis infections had varied prevalence in the different bush encampments. It was evident</b></p> |
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|                                         | <p><b>Line 205-</b> was that part of your investigation? If so it is not preented in your result.</p> <p><b>Line225-</b> replace because with could be as a result or probably because.</p> <p><b>Line228-</b> refer or give the source of concomitant Immunity.<br/><b><u>References</u></b></p> <p><b>Line269</b> ref not written like others.</p> <p><b>Line291-</b> onwuliri not spelt correctly.</p> | <p>that, Fulani's in Eleme and Oyigbo bush encampments <b>had the highest prevalence of infections. This has been observed in other Fulani settlements in Owerri, Eze [15] and</b> was higher than those of Anosike [14]) who in a similar research in Eastern Nigeria reported a very low prevalence rate. <b>Factors predisposing to infections include poor sanitation, unhealthy cultural practice and lack of education.</b></p> <p>Yes, non was found and I find it unnecessary, hence no snail vector was found</p> <p>probably because</p> <p>Woolhouse, MEJ., Taylor,p., Mattanhire, D and Chandiwana SK . Acquired immunity and Epidemiology of <i>Schistosoma haematobium</i>. Nature 1991; 351(6329): 757-759</p> <p>World Health Organisation: Schistosomiasis World Health Organisation division of control of Tropical diseases. Genera Switzerland. 2007; Retrieved on May 15, 2010 from <a href="http://www.goggle.com.ng">http://www.goggle.com.ng</a>.<br/>Onwuliri</p> |
| <b><u>Minor</u></b> REVISION comments   | 1.To recast some parts in the discussion as stated<br>2. Check the references and use the same pattern.                                                                                                                                                                                                                                                                                                   | corrected                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b><u>Optional/General</u></b> comments |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |