

Review Form 1.7

Journal Name:	International Journal of Research and Reports in Hematology
Manuscript Number:	Ms_IJR2H_98118
Title of the Manuscript:	DISPARITIES IN THE SUSCEPTIBILITIES OF ABO AND RH BLOOD ANTIGENS TO SEVERE PLASMODIUM FALCIPARUM IN CHILDREN UNDER FIVE-YEARS; A CROSS-SECTIONAL STUDY AMONG RURAL DWELLERS, NORTH EAST REGION, GHANA
Type of the Article	Original Research Article

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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:

(<https://www.journalijr2h.com/index.php/IJR2H/editorial-policy>)

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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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>No. A formula (which is not shown/written in this manuscript was referenced in reference number 25. I followed up with reference number 25 but I was unable to find the said formula. Also, why citing a business/management material in medical study?</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Yes</p>	
<p>Optional/General comments</p>	<p>Subsection: Sample Size Distribution. Authors mentioned using a formular (n) and I cannot find the formular in the text. Also, this supposed not shown/written down formula is referenced to reference number 25. I have check through reference number 25 (the book: "Reed J. Doing research in business and management: An essential guide to planning your project. Taylor & Francis; 2012. "). So, it will be helpful for the authors to edit this subsection and clarify this. Also, it is a little bit out of place, though not detrimental, to be reference a "business/management" book for medical cross sectional study.</p> <p>Subsection: P. falciparum Parasitemia and Severity Estimation. Again, a formula is mentioned here which is not shown/written in the text.</p> <p>Subsection: Data Analysis "... as well as Kolmogorov-Smirnoff". Kolmogorov-Smirnoff what ?? Just like you indicated "Fisher's exact test and Chi-square test" I suspect the Kolmogorov-Smirnoff" is with "test" also. Otherwise, it reads somehow incomplete.</p> <p>Results Sociodemographic, Clinical and Haematological Characteristics of the Study Participants</p> <p>"The study recruited 410 children below five years of age as, with mean age of approximately 26±4.79 months." This statement seems weird. I suspect the "as" is a typo mistake.</p> <p>The use of "most" and "a higher proportion" does not commensurate the percentages/figures in the bracket. How come 172 out of 410 be referred to as "most".</p>	

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	<p>Subsection: Discussion This differences in malaria prevalence might be due to variations in season, variation in population characteristics, variation in the effectiveness of the implementation of existing and new malaria control prevention and chemotherapy programs. “Chemotherapy” seems to be used to largely for cancer treatment in literature. I do not understand why the term is being used here??</p> <p>Study Population and Inclusion and Exclusion Criteria AND Prevalence of Severe <i>Plasmodium falciparum</i> Malaria among the Study Participants at Janga Hospital, 2021.</p> <p>These children were recruited into the study after they had further been diagnosed of <i>Plasmodium falciparum</i> malaria and consented to the study. A total of 410 children were included into the study.</p> <p>Figure 1 portrays the prevalence of <i>Plasmodium falciparum</i> malaria severity among the study participants. There were 134 (32.68%) cases of severe <i>P. falciparum</i> malaria, and 264 (64.39%) cases of uncomplicated <i>P. falciparum</i> malaria. Apparently healthy individuals who had no malaria parasite (<i>P. falciparum</i>) seen after examining their blood samples accounted for 2.93%.</p> <p>Compare the red font statements. You need to clarify/harmonised those two statement. By the way, is the study on malaria prevalence or association of ABO and Rh blood type with malaria severity??</p>	
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PART 2:

	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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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