

Review Form 3

Journal Name:	International Journal of TROPICAL DISEASE & Health
Manuscript Number:	Ms_IJTDH_120221
Title of the Manuscript:	A Cross-Sectional Study of the Prevalence, and Risk Factors Associated With Malaria Transmission among Sickle Cell Anaemia Patients in Urban Communities of Taraba Northeastern Nigeria
Type of the Article	

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Please write few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.</p>	<p>This manuscript addresses a subject of great importance because the association of sickle cell disease and malaria in a malaria endemic area is a major public health concern. Indeed, it has been established that sickle cell disease confers an advantage on heterozygotes carrying the sickle cell trait, sparing them from serious forms of the disease. However, this comorbidity is serious in people with major forms of sickle cell disease because it aggravates morbidity and increases the risk of death, particularly through the worsening of hemolytic anemia. This study reports the prevalence of this association but also highlights the different factors which determine the occurrence of malaria infection in sickle cell patients.</p> <p>However, the article does not discuss some important aspects. The introduction does not focus on the association of malaria and sickle cell disease. And some clarifications are useful in terms of methodology.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>YES</p>	
<p>Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>The abstract is comprehensive but requires some revisions: the objective can start directly with the action verb evaluate... and the type of study can be removed at the objective level to be put back in the methods section. Specify the prospective or retrospective nature of the cross-sectional study.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>YES</p>	
<p>Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part.</p>	<p>The scientific accuracy of this manuscript and its relevance can be decreed by these few facts: it is a subject of obvious interest. We can note the Clarity of the objectives and the research question as well as an internal consistency of the methodology. However, the mobilization of the literature can be improved by integrating some aspects not discussed in the manuscript.</p> <p>Note also that the data produced is of high quality but the analyzes that were carried out should be specified. Finally, the Presentation of the results is acceptable even if the discussion must be enriched.</p> <p>Overall the manuscript is well structured with a certain clarity and writing logic.</p>	
<p>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. :</p>	<p>The introduction to the article should also address the problem of malaria in children with sickle cell disease. For example, recent work discusses the potential role of hydroxyurea treatment in reducing malaria infection in sickle cell patients. (https://doi.org/10.1182/blood.2022017051, https://doi.org/10.1182/blood.V128.22.4868.4868). But also the possible link between malaria infection and the hemoglobin phenotype of sickle cell patients (https://doi.org/10.1093/infdis/jiv308). What is the possible place of antimalarial chemoprophylaxis in this context of malaria endemicity? (http://dx.doi.org/10.12974/2312-5411.2019.06.3)</p>	

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Minor REVISION comments		
Is language/English quality of the article suitable for scholarly communications?	I am not very qualified to assess the quality of the language because I do not speak English fluently, being a French speaker.	
Optional/General comments		

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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