



SDI Review Form 1.6

Journal Name:	International Journal of TROPICAL DISEASE & Health
Manuscript Number:	Ms_IJTDH_35340
Title of the Manuscript:	The Prevalence of Malaria Infection Among Patients Attending the Health Centre of the Federal University of Technology, Akure, Nigeria
Type of the 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, corrects the manuscript and highlights that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	Line 57; Ethics number needs to be provided; explain how consent was obtained, and who provided it for blood collection from children. The above questions have NOT been answered. Unless these questions are responded to this research will be deemed as unethical and thus unpublishable. If you are lab workers THEN state that the lab received the samples anonymously and that this article does Not include the collection of samples. The way it is written, it seems that the researchers collected the blood, which cannot be taken from minors as they are unable to consent. They are deemed to be vulnerable and somebody else has to consent on their behalf. Line 59; what was the sample size? Not answered what was the collection rate? Not answered Did all patients have blood samples taken or a sample of the greater population? Not answered Tabulate the sample i.e. the number breakdown per age group - showing 1-10 year olds what % they were of the total; students; staff; ONLY student and staff numbers are given. No mention of sample size of children YET they are discussed in the results and discussion! Who gave consent for the collection of blood from the one to ten year olds? Not answered! They cannot consent for themselves? this needs to be very clear please. how did the researchers obtain access to the patients and their blood; who took the blood. Not answered How did you do the random sampling? Not answered Please remember that other researchers will want to replicate your study, so you have to give them as much data as possible to do this. As it stands this sentence has not been satisfied, I would have no idea what to do to replicate your study with the information provided! I also do not see any information on how you determined validity and reliability in this study? NOT answered Line 35; Please explain which part of the globe is being referred to? Line 44; Please give readers an idea of how many deaths occur annually in Nigeria, Africa and the world and how many are caused by Malaria? Not answered Line 54; Please describe the health Centre briefly Not done Line 93; which months? are your referring to October and November? Line 100; what status are you referring to? Still unclear Line 161; what is a high prevalence? please explain and give a number? Still no number to benchmark these results against Line 180; please explain why female patients may have been at higher risk than male patients? Still not clear Line 187; explain this please? I would think that students would not be able to afford mosquito nets? but staff most likely can? Inadequate explanation provided Line 196; teenagers may be protected by parents by having mosquito nets? Still not responded to net s availability while children live at home? Line 199; older people may be more aware/better educated of needing protection? Can afford to have mosquito nets? Inadequate discussion around all of the above The conclusion needs to be rewritten please What were the limitations of this study? Not mentioned - The authors do not make clear who gave consent for blood samples to be obtained from the children, or how they obtained this consent - Ethics approval number should be included in the manuscript	Ethical clearance was given by the university ethical committee in which various documents having were signed. The documents signed was first issued by the department after which was transferred to the ethical committee for approval. The sample size was 2616 Blood samples were collected from patients who came for malaria test during the period of research. Consent was gotten from parents of patients of lower age before samples were gotten from them. The lab technologist helped with the collection of blood samples from the patients, this has been addressed in the text. Africa is been referred to as this part of the globe and has been addressed in the text. The description of the health centre has also been included in the text. All the months were been referred to but the months with the highest and lowest prevalence were made emphasis on. Line 100 explains the result of prevalence in relation to sexes which includes male and female. If it's the status, the status includes staff and student and was stated. The high prevalence value has been included in the text. The reason for the female patients have been at high risk of malaria has been stated in the text. Line 187 has been addressed. Every other necessary correction has been effected in the text.
Minor REVISION comments		
Optional/General comments	The methodology needs to be much clearer than it is. Methodology is still very unclear to me My suggestion is that this manuscript be corrected and resubmitted for peer review. I am happy to review it once the corrections have been completed following resubmission. Turnitin similarity index of 12%; Turnitin report included in review https://www.turnitin.com/newreport.asp?eq=1&eb=1&esm=-1&oid=830273423&m=0&svr=301&r=53.09185022932059&lang=en_us&bypass_cv=1	