

Review of: "Misdiagnosis of Dengue Fever as Malaria and Typhoid Fever and Their Co-infection in Rural Areas of Southwest Nigeria"

Basima Abdulfatah Albadrani¹

¹ University of Mosul

Potential competing interests: No potential competing interests to declare.

Subject: Review Comments for Paper on Misdiagnosis of Dengue Fever as Malaria and Typhoid Fever in Rural Nigeria

Dear Editor,

I have reviewed the paper on the misdiagnosis of Dengue Fever as Malaria and Typhoid Fever in rural areas of Southwest Nigeria. Overall, the study addresses an important public health concern and provides valuable insights into the challenges of differential diagnosis in these regions. Below are my comments and suggestions for the authors:

Strengths:

The study design is robust, with a sufficient sample size and clear methodology for testing Malaria, Typhoid Fever, and Dengue Fever.

The findings highlight the significant number of misdiagnosed cases, emphasizing the need for improved screening protocols in rural health facilities.

Suggestions for Improvement:

The abstract could benefit from providing more specific details on the testing methods used for Dengue Fever diagnosis, such as the sensitivity and specificity of the tests.

It would be helpful to include a discussion on the potential implications of misdiagnosis on patient outcomes and public health in the region.

Consider discussing the limitations of the study, such as any challenges faced during sample collection or testing procedures.

Recommendations:

Encourage the authors to further explore the reasons behind the misdiagnosis of Dengue Fever, Malaria, and Typhoid Fever in the study area. Suggest considering the implementation of educational programs for healthcare providers to improve awareness and accurate diagnosis of these diseases. Overall, the paper contributes valuable information to the

field of infectious disease diagnosis in rural Nigeria. With some revisions and additional insights, the study could have an even greater impact on public health practices in the region.

Thank you for considering my feedback.

Sincerely,

Prof. Dr. Basima Abdulfatah Albadrani, Department of Internal and Preventive Medicine, College of Veterinary Medicine, University of Mosul, Mosul, Iraq, E. mail : basima1971@uomosul.edu.iq or basima1971@yahoo.com