

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

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Despite the importance of the article subject, since indeed malaria, typhoid fever, and dengue fever usually have similar early symptoms, there is some incorrect/outdated information on it. As minor issues, I would say that the dengue (and its severity) nomenclature was standardized by the WHO some years ago, some sentences need full rewriting since there is a lack of sense on them, and there are few missing references along the text, especially concerning dengue fever in Nigeria. Also, please check the description of vectors (they are not the same for all the diseases) and pay attention when writing about the dengue disease and Dengue virus. As some major issues, I would highlight the poor description of (1) the number of ethics documentation, (2) the discussion of the cross-reactivity of NS1 and also IgG and IgM serological tests, (3) despite the authors describing the use of the t-test as a statistical analysis, I couldn't see any of it in the graphs, and (4) it's crucial to better describe at least how many days post onset of symptoms the blood was collected from each patient, since it will impact the results of NS1, IgM, IgG, and RT-qPCR tests.