



SDI Review Form 1.6

Journal Name:	International Journal of TROPICAL DISEASE & Health
Manuscript Number:	Ms_IJTDH_21523
Title of the Manuscript:	High prevalence of isolated hepatitis B core antibody among adults in Oyo State, Nigeria: the need for review of diagnostic and vaccination guidelines
Type of the Article	Original Research 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, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	1. line 36: the 1st dose is not at birth as recommended globally? 2. Line 305: You should explain how did you choose your sample and based on what you halved them and how did you choose them afterward selectively or randomly. 3. This study need to be followed with another study with a larger sample size to be more representative. 1. If you could avoid using the abbreviation HB and put hepatitis B in the whole article as it is a little confusing 2. line 15+23 it need citations 3. line 28 what do you mean by risky sexual activities 4. line 28 reusing 5. line 113+14: IgM HbcAb 6. line 120 what HRP? 7. line 140: P must be less than 0.05 not equal 8. In the table 1: what do you mean by injections from unqualified healthcare worker? is there any one allowed to work if unqualified? 9. Line 165: A total of 44 (22.9%) participants were positive for HBsAg. thirty seven of them had acute (HBcIgM+) and seven were chronic	1. The mix-up has been corrected. A monovalent dose is given at birth while the pentavalent (3 doses) commences at 6 weeks (line 35-36). 2. The required number (384) of study participant was recruited using the inclusion criteria (line 61-63) while final selection of 192 blood specimen screened for hepatitis B markers was done randomly in the laboratory. 3. This is a pilot study to give insight into the research question; this would be followed by a larger study in the future. 1. HB abbreviation re-written as hepatitis B (lines 34, 42, 62, 216, 238, 280, 283, 289, 296, 298, 309). 2. Citations included for lines 15 & 23. 3. Risky sexual activities include having more than one sexual partner, changing sexual partners frequently and engaging in unprotected oral, vagina and anal sex. 4. The word reuse changed to reusing. 5. Changes effected (lines 116-117). 6. Abbreviation HRP changed to horseradish peroxidase (lines 123 & 134). 7. $P < 0.05$ but changed it to $P = 0.05$ as stated in the author's guidelines. However I have reverted back to $P < 0.05$ (line 144). 8. Unqualified healthcare workers have been changed to quacks in Tables 1 and 4 as well as line 161. These are people who never had any medical training but presenting themselves as healthcare providers. 9. Sentence re-written as suggested (line 169-170). 10. Table 1 changed to the intended Table 2 (line 172). 11. 8.9% approximated to 9% (line 176). 12. Suggested corrections done



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	infection 10. Line 168: you mean table 2 11. Line 172: you mean 9% instead of 8.9% 12. for all tables please put the abbreviations as a foot note and put a star on the significant p values and put <0.05 as a cut off for the p value 13. Line 222 what do you mean by this sentence. 14. Line 263: what do you mean by ART? 15. Line 273: Anti-core antibody 16. Line 280: be a greater benefit 17. Line 281: put positive after HbcAb Suggestions: 1. The study highlights potential risks 2. In the abstract aged between 30 and 40 years	13. The conclusion was drawn from the fact that the number of positive cases increased with increasing age and that 79% of positive cases are found between >11 and 40 years (line229-230). 14. Anti-retroviral therapy meaning of ART has been included (line 271). 15. Suggested correction done (line 281). 16. Correction effected (line 288-289). 17. Correction effected (line 290). Suggestions: 1. Correction done (line 308). 2. Correction done.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		