

## Review Form 1.6

Journal Name:	<a href="#">Journal of Advances in Medicine and Medical Research</a>
Manuscript Number:	Ms_JAMMR_89181
Title of the Manuscript:	INFECTION PREVENTION AND CONTROL PRACTICES, AND BARRIERS TO COMPLIANCE AMONG MEDICAL DOCTORS AND CLINICAL MEDICAL STUDENTS, IN A STATE UNIVERSITY TEACHING HOSPITAL, SOUTHEAST NIGERIA
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:

(<https://www.journaljammr.com/index.php/JAMMR/editorial-policy> )

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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)
<b>Compulsory</b> REVISION comments	<p>This is a good and interesting study and it is recommended for publication. However, the following comments should be addressed (please, also refer to comments in the manuscript).</p> <p><b>Abstract:</b> Abstract should be written under the following headings: Background, methods, results and conclusion</p> <p><b>Introduction:</b> The rationale and usefulness of this study needs to be elaborated upon. There have been similar studies conducted in other parts of Nigeria, what usefulness does this study add? It is important to clearly elaborate on this. Include gaps from previous studies that informed your study or the specific nature of the study setting that supports the uniqueness of the present study.</p> <p><b>Methodology:</b> The formular for sample size estimation is not clear. You should indicate sample size estimation for your total population. i.e 159. And then explain that convenience sampling was used to recruit XX doctors and XX medical students from the different departments. Also, you should include an estimate of your response rate.</p> <ul style="list-style-type: none"> <li>- There should be information on whether the questionnaire was adapted from a previous study or newly developed.</li> <li>- There must be mention of reliability and validity of questionnaire used in this study</li> <li>- It will be very beneficial to conduct a statistical test for factors associated with practices and barriers to compliance</li> </ul> <p><b>Results</b></p> <ul style="list-style-type: none"> <li>- Include frequencies and percentages e.g. 57.4% (n=XX) across all paragraphs of the results section</li> <li>- In considering statistical analysis for association, it will be good to summarize sociodemographic characteristics for both doctors and medical students while also indicating frequency and % of doctors and students in the table.</li> </ul> <p><b>Discussion:</b> The discussion can be improved on. Please refer to the comments in the manuscript</p> <p><b>Conclusion.</b></p> <p>No need including percentages here.</p> <p>The conclusion should highlight practical implications of the study with clear recommendations given. Also, possibly state areas for further study/research</p> <p>Also, there is need to state the strengths and limitations of this study</p> <p>References: Please refer to comments in the manuscript</p> <p><b>Grammar:</b> This manuscript will also benefit from an editorial service to improve on the grammar while retaining its contexts.</p>	<p><b>Abstract:</b> The current headings used are the ones recommended by your Journal. Our authors already published two articles in your journal using your recommended headings (<b>Ejiofor Ugwu, Joseph Ojobi and Edmund Ndibuagu. Misconceptions about Insulin and Barriers to Insulin Initiation in Type 2 Diabetes among General Physicians in Southeast Nigeria, 32(9): 30-38, 2020; Article no.JAMMR.58092 ISSN: 2456-8899</b> AND <b>Edmund O. Ndibuagu, Onyinye H. Chime and Ejiofor T. Ugwu Patients' Opinion on Availability and Price of Drugs in the General Outpatient Department of a Teaching Hospital, Southeast Nigeria 32(23): 187-195, 2020; Article no.JAMMR.63643 ISSN: 2456-8899</b>) There was also need not to exceed word count of 300 as your journal instructed.</p> <p><b>Introduction :</b> The rationale, usefulness. And gaps that necessitated this study were comprehensively explained in the last two paragraphs of the INTRODUCTION (References 17 – 34).</p> <p><b>Methodology :</b> Formulae for sample size calculation have been added. One respondent each was added to the calculated sample sizes of the doctors and medical students, with the aim to slightly improve on the validity of the findings. The questionnaire was newly developed, and pretested before the study We did not include factors associated with practice, hence we did not consider conducting a statistical test on it compliance to barriers.</p> <p><b>Results:</b> Frequencies and percentages are clearly shown on the tables. Adding frequencies to percentages shown on the results narrative will simply add to the word count, without any meaningful effect on the interpretation of the results Sociodemographic characteristics of both doctors and students were already summarized in sections 3.1 (Table 1), and 3.2 (Table 2)</p> <p><b>Discussion:</b> We have reviewed the DISCUSSION, and consider it very OK.</p> <p><b>Conclusion:</b> We have also reviewed the CONCLUSION, and also consider it OK, but one omitted word “of” was inserted. Few percentages were included merely to emphasize some key findings.</p> <p>LIMITATION TO THE STUDY has been added</p> <p>REFERENCE number 5 has been corrected as pointed out Reference number 35 is on the internet. We lifted the suggested citation contained in the 44 paged document (Primary health care systems (PRIMASYS): case study from Nigeria. Geneva: World Health Organization; 2017. Licence: CC BY-NC-SA 3.0 IGO.)</p>

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<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments	Generally, there was an opportunity to explore other factors responsible for poor practices and usage of PPEs e.g availability of these PPEs in the first place. If these PPEs are available and not in-use, this would have improved on the discussion and possible responsible reasons/factors for findings in this present study. If data on this is available, please include.	

PART 2:

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	This has been duly addressed.