**Review Form 3**

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| Journal Name: | [**Asian Journal of Research in Nursing and Health**](https://journalajrnh.com/index.php/AJRNH) |
| Manuscript Number: | **Ms\_AJRNH\_140629** |
| Title of the Manuscript: | **Adherence to infection prevention and control measures among Nursing Students in Department of Nursing Sciences Rivers State University** |
| Type of the Article |  |

**PART 1: Comments**

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|  | **Reviewer’s comment**  **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | This research targets relevant concerns in public health and patient safety compliance of students with infection prevention and control (IPC) policies. As prospective frontline healthcare professionals, nursing students are instrumental in mitigating the burden of healthcare-associated infections (HAIs), which constitute a significant public health challenge worldwide, especially in countries like Nigeria, which fall under the lower-middle-income bracket.  Assessing the compliance with IPC at the educational level serves to assess the gaps between established theory and practice and sheds light on aspects of the curriculum or educational structure that require changes | This research addresses a critical gap in understanding infection prevention and control (IPC) adherence among nursing students in Nigeria, particularly during a time when emerging and re-emerging infectious diseases pose growing threats to healthcare systems globally. The study's comprehensive assessment of both adherence levels and influencing factors among 222 nursing students provides valuable baseline data that was previously lacking in the Nigerian healthcare education context. The findings reveal that while nursing students demonstrate high overall adherence to IPC measures (mean score 3.11±1.04), there are concerning gaps in specific practices such as needle recapping, reuse of disposable equipment, and proper hand hygiene protocols that could compromise patient and healthcare worker safety. This study contributes to the broader global understanding of IPC compliance in healthcare education settings, offering comparative data that can inform best practices across different healthcare systems, particularly in resource-limited settings where similar challenges may exist. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The title is Good** | Thank you! |
| **Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.** | **Include at least 5 keywords in the abstract** | Corrected |
| **Is the manuscript scientifically correct? Please write here.** | Yes | Yes It is |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | References are good | Thank you |
| **Is the language/English quality of the article suitable for scholarly communications?** | Yes | Thank you |
| **Optional/General** comments | 1. Which formula did you used in calculating the sample size?  2. Table 2 is the level of adherence while table 3 is the factors influencing level of adherence, why did you join the 2 tables together by continuing the numbering? Separate the numbering and start table 3 from NO. 1 | 1. In this study we employed **census sampling**, which means we included the entire population of interest rather than calculating a sample size.  2. Has been corrected in the attached manuscript. |

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3. Don’t repeat the results in the discussion session. Focus mainly on the findings of your research

4. Start the discussion by stating your major findings

5. Include the strength and limitation of the study

3. **Primary Strength**: Provides valuable baseline data on IPC adherence in Nigerian nursing education with methodologically sound approach.

**Primary Limitation**: Weak statistical relationships

**Impact**: Despite limitations, the study contributes important foundational data for future research and intervention development.

**PART 2:**

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|  | **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)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |