|  |  |
| --- | --- |
| Journal Name: | [**Asian Journal of Medicine and Health**](https://journalajmah.com/index.php/AJMAH) |
| Manuscript Number: | **Ms\_AJMAH\_133301** |
| Title of the Manuscript: | **Elevated levels of interferon gamma, interleukin-4, neutrophil-lymphocyte ratio and platelet-lymphocyte ratio as biomarkers of post-surgical wound infections amongst female patients in Nnewi, Nigeria** |
| Type of the Article | **Research Article** |

|  |
| --- |
| **PART 1: Comments** |
|  | **Reviewer’s comment****Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** *(Please correct the manuscript and highlight that part in the manuscript. 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 manuscript provides significant and detailed critical insights into the role of specific biomarkers—interferon gamma, interleukin-4, neutrophil-lymphocyte ratio, and platelet- lymphocyte ratio—in identifying post-surgical wound infections among female patients in Nnewi, Nigeria. The study declares a significant gap in knowledge regarding the immune response in post-operative complications, which is particularly relevant in resource-limited settings. The researchfindings could lead to improved diagnostic protocols and enhance the management of wound infections, ultimately contributing to better patient outcomes. This research could serve as a foundation for future studies exploring biomarker application in surgical care across diverse populations, thereby enriching the scientific community's understanding of infection dynamics in post-surgical environments. |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **Yes** |  |
| **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.** | **Yes** |  |
| **Is the manuscript scientifically, correct? Please write here.** | Yes |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention****them in the review form.** | Yes |  |
| **Is the language/English quality of the article suitable for scholarly communications?** | Yes |  |
| **Optional/General** comments | **Recommended** |  |

|  |
| --- |
| **PART 2:**  |
|  | **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)* |  |

**Reviewer details:**

**D P Sukumar, Nandha Engineering College, India**