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| Journal Name: | [**Asian Journal of Medicine and Health**](https://journalajmah.com/index.php/AJMAH) |
| Manuscript Number: | **Ms\_AJMAH\_140591** |
| Title of the Manuscript: | **Diagnostic Utility of Lipid Indices for Detecting MASLD in Patients with Metabolic Syndrome** |
| Type of the Article | **Original Research Article** |

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| PART 1: Comments | | |
|  | 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 study highlights the value of triglyceride-based lipid indices as simple, non-invasive, and cost-effective tools for early detection of MASLD in metabolic syndrome patients. It supports improved screening and timely intervention, especially in resource-limited settings |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes,the title of articles is suitable for this manuscript |  |
| 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, the abstract is comprehensive. It clearly presents the background, objectives, methods, key findings, and conclusion, providing a complete overview of the study in a concise format. |  |
| Is the manuscript scientifically, correct? Please write here. | Yes, the manuscript is scientifically correct. It follows a sound research methodology, uses appropriate statistical tools (e.g., ROC analysis, correlation tests), and presents results that are well-supported by data and literature. The findings align with existing scientific evidence and contribute meaningfully to MASLD research. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Yes. The reference are sufficient and recent |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/General comments |  |  |

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| **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:**

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