

## REVIEWER'S REPORT

Manuscript No.: IJAR-53041

Date: 28/07/2025

Title: Prognostic Value of Platelet Indices in Sepsis: A Retrospective Observational Study

### Recommendation:

Accept as it is ☐☐☒☐☐

Accept after minor revision ☐☐☐☐

Accept after major revision ☐☐☐☐☐

Do not accept (*Reasons below*) ☐☐☐

Rating	Excel.	Good	Fair	Poor
Originality	✓			
Techn. Quality		✓		
Clarity			✓	
Significance	✓			

Reviewer Name: Sakshi Jaju

Date: 28/07/2025

### Reviewer's Comment for Publication.

#### Abstract:

The abstract gives a clear overview of the study, including the objective, methods, and main findings. It says that checking platelet values early can help predict how serious a sepsis case might be.

#### Introduction:

The introduction explains that sepsis is a dangerous condition and that early prediction can save lives. It introduces platelet indices (like platelet count, MPV, and PDW) as low-cost tools that might help doctors decide which patients need urgent care.

#### Material and Methods:

The authors carefully explain how they selected 114 patients for the study, what tests they did, and how they analyzed the results. The methods are detailed, and the sample size is calculated correctly.

#### Result and Discussion:

The study found that patients who had low platelet counts and high MPV/PDW on day 1 were more likely to die or need ventilators. These platelet changes were only useful for prediction on the first day, not later. The authors compared their findings with past studies and showed that their results were consistent with what others found too.

#### Relevance and Contribution:

This study is useful for ICU doctors. It shows that simple blood tests like platelet indices, which are already done in hospitals, can give early warning signs in sepsis cases. This can help save lives by taking action faster.

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## REVIEWER'S REPORT

Clarity and Writing:

The article is easy to follow and well-organized. It's written in clear language, although some small grammar fixes and better formatting of charts would make it even better.

Recommendation:

Manuscript accepted for the publication.