REVIEWER'S REPORT

Manuscript No.: IJAR-55878

Title: Peripartum Hysterectomy: A life-saving procedure with high maternal risk -A retrospective observational study from a tertiary institute in central India

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: Dr S. K. Nath

Date: 22.01.26

Detailed Reviewer's Report

Strengths of the Study

- The study addresses an important and relevant issue concerning maternal health and obstetric emergencies.
- It provides valuable data from a tertiary care center in central India, contributing regional insights into peripartum hysterectomy.
- The analysis of indications, maternal and neonatal outcomes, and associated risk factors is comprehensive.
- The retrospective design allows for analysis of real-world clinical data over a defined period.
- The study emphasizes the impact of cesarean sections on the incidence of peripartum hysterectomy, aligning with current global concerns.

Weaknesses of the Study

- The sample size is relatively small (31 cases), which may limit the generalizability of findings.
- As a single-center retrospective study, there is potential selection bias and limited control over confounding variables.
- The statistical analysis appears descriptive; there is no mention of inferential statistics or multivariate analysis to control for confounders.
- The criteria for "referred cases" are not clearly explained, which may affect the interpretation of incidence rates.
- Ethical approval details, including institutional review board (IRB) approval or informed consent procedures, are not explicitly stated.
- Presentation of some data could be clearer, including detailed demographic breakdowns and outcome measures.
- The references are up-to-date but require proper formatting consistency.

Reviewer Comments

- **Title and Abstract:** The title accurately reflects the content. The abstract is clear and well-structured; however, adding specific numerical findings on maternal mortality and neonatal outcomes would enhance its impact.
- **Introduction and Objectives:** The introduction provides a solid background, emphasizing the significance of the study. The objectives are clear but could specify whether they aim to identify predictive factors or primarily describe incidence and outcomes.

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- **Methodology and Statistical Analysis:** The retrospective design is appropriate for this research. Nonetheless, details about ethical approval are missing and should be explicitly included. The statistical analysis is primarily descriptive; incorporating inferential statistics could strengthen the findings.
- **Results and Discussion:** Results are presented systematically, but some data—such as complication rates and maternal mortality—should be contextualized against other studies. The discussion appropriately compares findings with existing literature but should critically analyze limitations.
- **Conclusion and Implications:** The conclusion summarizes key points but could better emphasize actionable recommendations based on findings.
- **Ethical Clearance:** The manuscript does not mention ethical approval or informed consent, which is essential for research involving patient data, especially for sensitive outcomes.
- **Language and Presentation:** The manuscript is generally well-written but should undergo proofreading to correct minor grammatical errors and improve clarity.
- **Tables and Figures:** Tables are informative but could benefit from clearer formatting and consistent presentation. All references should follow a uniform citation style.

Additional Note: Based on the provided excerpts and available data, there is no indication that this manuscript has been previously published online. Nonetheless, a comprehensive plagiarism check is recommended to confirm its originality before final acceptance.