

REVIEWER'S REPORT

Manuscript No.: IJAR-51807

Date: 24-05-2025

Title: ☐ Peripartum management of Eisenmenger syndrome : A case report ☐

Recommendation:

Accept as it is.....YES.....

Accept after minor revision.....

Accept after major revision

Do not accept (*Reasons below*)

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

Reviewer's Name: Dr Aamina

Reviewer's Decision about Paper: Recommended for Publication.

Comments (Use additional pages, if required)

Reviewer's Comment / Report

1. Relevance and Significance

This case report addresses the rare and clinically significant challenge of managing Eisenmenger syndrome during pregnancy, a condition typically associated with high maternal mortality. The topic is highly relevant for obstetricians, anesthesiologists, cardiologists, and maternal-fetal medicine specialists. It adds value to the limited case-based literature on favorable outcomes in peripartum Eisenmenger syndrome, particularly in the context of patent ductus arteriosus.

2. Abstract Evaluation

The abstract succinctly summarizes the case and highlights the critical clinical features, including the patient's condition, the timing of diagnosis, the mode of delivery, and the overall uneventful peripartum course. It emphasizes the importance of multidisciplinary care, medication management, and vigilant monitoring. The abstract is concise and informative, effectively setting the context for the full report.

3. Case Presentation and Clinical Detail

The case report presents a clear timeline of events, beginning with the patient's background of pulmonary

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hypertension, the diagnosis of Eisenmenger syndrome due to PDA during pregnancy, and subsequent complications including intrauterine growth restriction and community-acquired pneumonia. The clinical information is well-structured and detailed, providing an adequate overview of diagnostic findings, medication decisions, and management rationale. This enhances the report's educational value.

4. Management and Outcome

The peripartum strategy, including the choice of epidural cesarean section and close clinical monitoring, is notable for its successful outcome. The report highlights the multidisciplinary coordination and anticipatory approach that contributed to the patient's stability. This case stands as an example of optimal management in a high-risk obstetric scenario.

5. Use of Literature and Contextual Background

The introduction appropriately references WHOM IV classification and the general contraindication of pregnancy in Eisenmenger syndrome. While limited, the literature references serve the purpose of contextualizing the case within current clinical guidelines and highlighting the rationale for early intervention and risk minimization strategies.

6. Language and Clarity

The manuscript is written clearly and concisely. Medical terminology is used appropriately, and the narrative maintains a professional tone throughout. The chronological sequence of events is logical and easy to follow. The clarity of language aids in the understanding of a complex clinical scenario.

Overall Assessment

This case report offers a meaningful contribution to the clinical literature on Eisenmenger syndrome in pregnancy. It provides detailed documentation of a successful peripartum course in a high-risk patient and reinforces the importance of multidisciplinary care and individualized clinical decision-making. The report is both clinically informative and academically valuable, aligning well with the standards of medical case reporting.