

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 86529

**Title:** Anesthetic management of a pregnant patient with Eisenmenger's syndrome: A case report

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05527087

**Position:** Peer Reviewer

**Academic degree:** Doctor, PhD

**Professional title:** Assistant Professor, Associate Professor, Associate Research Scientist, Doctor, Lecturer, Research Associate, Research Scientist, Researcher, Science Editor, Senior Editor, Senior Researcher, Surgeon

**Reviewer's Country/Territory:** Morocco

**Author's Country/Territory:** China

**Manuscript submission date:** 2023-06-28

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2023-07-05 17:12

**Reviewer performed review:** 2023-07-10 23:03

**Review time:** 5 Days and 5 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty

<b>Creativity or innovation of this manuscript</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation
<b>Scientific significance of the conclusion in this manuscript</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

Good writing, good scientific soundness, some old references must be updated

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 86529

**Title:** Anesthetic management of a pregnant patient with Eisenmenger's syndrome: A case report

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 00526025

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Professor

**Reviewer's Country/Territory:** Japan

**Author's Country/Territory:** China

**Manuscript submission date:** 2023-06-28

**Reviewer chosen by:** Geng-Long Liu

**Reviewer accepted review:** 2023-07-19 02:42

**Reviewer performed review:** 2023-07-25 07:08

**Review time:** 6 Days and 4 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

<b>Scientific significance of the conclusion in this manuscript</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

## SPECIFIC COMMENTS TO AUTHORS

You reported a pregnant woman with Eisenmenger's syndrome in 22-week pregnancy, who underwent termination of pregnancy with epidural anesthesia. I applaud your meticulous management of the patient; however, the manuscript needs amendments.

General comments: The manuscript says that it is undesirable to continue pregnancy with Eisenmenger's syndrome because the mortality is extremely high. However, as the authors stated in the manuscript there are reports of "Patients with congenital heart disease correction achieved normal pregnancy and successful delivery outcomes." If the authors take into account of the severity of pulmonary hypertension, outcome of pregnancy, and mortality of patients, the manuscript would be quite different from the submitted one. The authors should clearly state if the PDA of the patient completely closed or not after transcatheter interventional procedure. I do not think expert opinions are suitable for case report. You should state your own scientific opinion.

Specific comments: Abstract If you describe the degree of heart failure of the patient by classification of the New York Heart Association, it would make readers understand the severity of the heart failure of the patient. Conclusion: I do not think the descriptions

of your case summary are able to support your conclusion, because your case summary and conclusion were not interrelated. The conclusion should be based on the descriptions in case summary. Introduction: You stated that “This is the first case report to describe a pregnant patient with Eisenmenger’s syndrome after cardiac surgery;” however, Rudiene et al reported at least a pregnant woman who underwent ligation of the PDA and delivered a healthy newborn (Rudiene V, et al: Pregnancy in congenital heart disease, complicated by pulmonary arterial hypertension: a challenging issue for the pregnant women, the foetus, and healthcare professionals. *Medicina* 2022; 58: 476.) How often and where was the patient followed up after she underwent transcatheter closure of the PDA? Laboratory examination: You need to state the fraction of the inspired oxygen concentration when the arterial blood was sampled. You need to state the systemic arterial pressure when the pulmonary artery pressure was 117 mmHg. Expert conclusions should be deleted at all. You need to state your own scientific opinion. Treatment: You need to state actual values of systemic and pulmonary artery pressures and SpO<sub>2</sub> during the procedure. As you stated in discussion that “Furthermore, the epidural catheter provides assurance for further anesthesia and postoperative analgesia,” you need to state why the epidural catheter was removed in the operating room. I do not think Figure 3 is essential. Discussion: There are pregnant women with pulmonary hypertension who delivered their newborn, although some women succumbed to heart failure, as reported by Hartopo et al (Hartopo AB, et al: Severe pulmonary hypertension and reduced right ventricle systolic function associated with maternal mortality in pregnant uncorrected congenital heart diseases. *Pulmonary Circulation* 2019; 9:1-9.). You should take into account the severity of pulmonary hypertension, outcomes of pregnancy, and mortality of the patients, in Eisenmenger’s syndrome in your discussion. References: You should look for more recent literatures. END

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 86529

**Title:** Anesthetic management of a pregnant patient with Eisenmenger's syndrome: A case report

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 00526025

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Professor

**Reviewer's Country/Territory:** Japan

**Author's Country/Territory:** China

**Manuscript submission date:** 2023-06-28

**Reviewer chosen by:** Cong Lin

**Reviewer accepted review:** 2023-08-09 02:50

**Reviewer performed review:** 2023-08-09 08:09

**Review time:** 5 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** bpgoffice@wjgnet.com  
<https://www.wjgnet.com>

statements

Conflicts-of-Interest: [ ] Yes [Y] No

## **SPECIFIC COMMENTS TO AUTHORS**

Thank you for your satisfactory amendments of the manuscript. I enjoyed reviewing your excellent revised manuscript.