

PEER-REVIEW REPORT

Name of journal: *World Journal of Psychiatry*

Manuscript NO: 89385

Title: Quality of Life and Mental Health Concerns in Postpartum Women with Heart Disease: An Integrated Approach to Clinical Communication and Treatment

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 07746425

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Australia

Author's Country/Territory: China

Manuscript submission date: 2023-11-21

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-11-27 05:44

Reviewer performed review: 2023-11-30 08:20

Review time: 3 Days and 2 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" 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 Grade E: Do not publish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
Creativity or innovation 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 creativity or innovation

Scientific significance of the conclusion in 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 scientific significance
Language quality	<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
Conclusion	<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
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	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

In this retrospective study, authors integrated medical data and subjective characteristics to study postpartum QoL concerns to improve their clinical communication and treatment. The topic has a clinical relevance since the the healthcare system continues to fall short of meeting the needs of women experiencing high-risk pregnancies. They found that postpartum women with cardiac conditions typically exhibited compromised QoL and had significant physical and psychological stresses throughout their maternity journey. In addition, the deterioration of physical and mental health during and after pregnancy was substantially connected with the degree of QoL impairment these women with heart disease had. I have no objections as far as methods are concern. This topic is actual and well described. The manuscript is well written and very interesting, and authors presented also the limitations of the study. Comments/suggestions: 1) On page 5, Patients from the Maternal Cardiology Consultation Center of XXX were chosen for this cross-sectional retrospective study. What does XXX mean? 2) Why exclude women with multiple pregnancies?

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Reviewer's code: 07746829

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Assistant Professor, Research Associate

Reviewer's Country/Territory: Netherlands

Author's Country/Territory: China

Manuscript submission date: 2023-11-21

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-11-22 08:45

Reviewer performed review: 2023-11-30 09:58

Review time: 8 Days and 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" 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
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	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Manuscript Title: Quality of Life and Mental Health Concerns in Postpartum Women with Heart Disease: An Integrated Approach to Clinical Communication and Treatment.

1- Title reflected the main subject of the manuscript. 2- The abstract summarized and reflect the described in the manuscript. 3- Key words reflected the focus of the manuscript. 4- The manuscript adequately described the background, presented status and significance of the study. the study aimed to explore the factors influencing healthcare professionals' knowledge of high-risk pregnancies' physical and mental health. 5- The manuscript described methods (e.g., Study protocol, Participants, Measurement, Statistical methods, etc.) in adequate detail. 6- The research objectives are achieved by the experiments used in this study. Authors investigate the postpartum QoL of women with heart disease about their demographic, clinical, and pregnancy features and self-reported mental health status. 7- The manuscript interpreted the findings adequately and appropriately, highlighting the key points concisely, clearly and logically. 8- Manuscript included sufficient, good quality Tables and Figures. 9- The manuscript cited appropriately the latest, important and authoritative references in the



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introduction and discussion sections. 10- The manuscript is well, concisely and coherently organized and presented and the style, language and grammar are accurate and appropriated.