

PEER-REVIEW REPORT

Name of journal: *World Journal of Psychiatry*

Manuscript NO: 86008

Title: Analysis of factors related to postpartum depression in pregnancy-induced hypertension syndrome patients and construction and evaluation of nomograms

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06521488

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Assistant Professor, Doctor, Research Associate

Reviewer's Country/Territory: Singapore

Author's Country/Territory: China

Manuscript submission date: 2023-06-30

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-07-04 09:41

Reviewer performed review: 2023-07-17 00:45

Review time: 12 Days and 15 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 Grade E: Do not publish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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" 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

Thank you very much for asking me to review this manuscript by Pan JW et al. This is a retrospective study to explore the risk factors of postpartum depression in patients with pregnancy-induced hypertension, construct a graph prediction model, and evaluate the predictive effect of the model. The result of the study is of interest and may help provide an objective reference for the treatment of postpartum depression in patients with pregnancy-induced hypertension. Overall, this study was well conducted with good methodology and intelligible English. And I found the manuscript original, very interesting, well-structured and with huge impact on clinical treatments. Comments/suggestions: 1. Title and key words - well chosen, proper and cover all the core result from the study. 2-The abstract - Address all the important component from the study. 3. Introduction contains the most important data to support the importance of the study. Describe the overall basic knowledge for this study. Moreover, the aim of the study is clear. 4. Material and methods - the paragraphs are generally well structured and explained. 5. Results section is well and clearly presented with pertinent statistics. 6. Discussion paragraph could be expanded to underline the clinical application of this

study and the potential limitations. Also, directions for future research could be discussed. 7. Good quality of the Figures and Tables. I congratulate the authors for the captions to the tables and figures very explicative and complete. 8. References –appropriate, latest and important.

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Title: Analysis of factors related to postpartum depression in pregnancy-induced hypertension syndrome patients and construction and evaluation of nomograms

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 07746886

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Professor, Doctor

Reviewer's Country/Territory: Canada

Author's Country/Territory: China

Manuscript submission date: 2023-06-30

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-07-06 02:48

Reviewer performed review: 2023-07-17 03:16

Review time: 11 Days

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
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
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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

The method is described in detail. Multivariate logistic regression analysis and LASSO regression were used to analyze the factors related to postpartum depression in pregnancy-induced hypertension. R version 4.0.3 was used to construct a line graph risk predictive model. The area under the receiver operating curve was used to evaluate effectiveness. The results are very valuable in its field. As you mentioned in the manuscript that Early detection of high-risk patients with gestational hypertension is very important for clinical development of personalized prevention programs and patient prognosis. Comments: The manuscript is overall well written; however, a minor language editing is required.