

## PEER-REVIEW REPORT

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

**Manuscript NO:** 71593

**Title:** Risk factors of mortality and severe disability in the patients with cerebrovascular diseases treated with perioperative mechanical ventilation

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

**Peer-review model:** Single blind

**Reviewer's code:** 05382551

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Associate Professor

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

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

**Manuscript submission date:** 2021-09-14

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-09-15 03:55

**Reviewer performed review:** 2021-09-15 05:23

**Review time:** 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 Grade E: Do not publish
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



**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>

<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No
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#### **SPECIFIC COMMENTS TO AUTHORS**

The article is within the scope of the journal. It is well written and structured. It is easy to read and it is clear on the objectives and methods used to obtain the results. In this sense, the experiment is well designed and executed. The results obtained represent an advance in the area of knowledge. However, it could be improved as follows: a) The discussion section is reduced and the article would improve if the results obtained are valued by comparing them with other similar works. b) A paragraph describing future lines of work should be inserted in the conclusions section. c) The state of the art is very poor. It should be expanded with more bibliography.

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**Peer-review model:** Single blind

**Reviewer's code:** 05080957

**Position:** Editorial Board

**Academic degree:** DNB, MBBS, MD

**Professional title:** Assistant Professor

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

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

**Manuscript submission date:** 2021-09-14

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-10-05 05:47

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**Review time:** 22 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
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
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<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

Title: Follow EQUATOR guidelines as applicable to your study Abstract: Methods: Mention study period, and data management method Material and Methods Were there any exclusion criteria? If yes, mention How you have reached to the sample size? Please mention Results Table 1: GCS data is better presented in Median and IQR Mention the SAH gradings and include in analysis. Similarly, patients' illness severity score other than GCS (like SOFA / MODS / APACHE-II or III will be helpful)- include at least one. Table 2 shows that 85% of your patients were started on MV in the postoperative period and the causes mentioned are unlikely to be immediate postoperative reason? When these patients required MV? When did the shock (?sepsis) or Pneumonia ? HAP happened? It is very much unclear. Your study will require multivariate logistic regression analysis to accept the result. Best of luck