**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**

<table>
<thead>
<tr>
<th>Grade A: Excellent</th>
<th>Grade B: Very good</th>
<th>Grade C: Good</th>
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<td>[ Y]</td>
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<table>
<thead>
<tr>
<th>Grade D: Fair</th>
<th>Grade E: Do not publish</th>
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**Language quality**

<table>
<thead>
<tr>
<th>Grade A: Priority publishing</th>
<th>Grade B: Minor language polishing</th>
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<td>[ ]</td>
<td>[ Y]</td>
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<table>
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<tr>
<th>Grade C: A great deal of language polishing</th>
<th>Grade D: Rejection</th>
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**Conclusion**

<table>
<thead>
<tr>
<th>Accept (High priority)</th>
<th>Accept (General priority)</th>
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<table>
<thead>
<tr>
<th>Minor revision</th>
<th>Major revision</th>
<th>Rejection</th>
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**Re-review**

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
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<td>[ Y]</td>
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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.
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: 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
Reviewer performed review: 2021-10-06 04:37
Review time: 22 Hours

Scientific quality
[ ] Grade A: Excellent  [ ] Grade B: Very good  [ ] Grade C: Good
[ Y] Grade D: Fair  [ ] Grade E: Do not publish

Language quality
[ ] Grade A: Priority publishing  [ Y] Grade B: Minor language polishing
[ ] Grade C: A great deal of language polishing  [ ] Grade D: Rejection

Conclusion
[ ] Accept (High priority)  [ ] Accept (General priority)
[ ] Minor revision  [ Y] Major revision  [ ] Rejection

Re-review
[ ] Yes  [ Y] No
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 emntion 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