

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 72253

Title: Clinical evaluation of prone position ventilation in the treatment of acute respiratory distress syndrome induced by sepsis

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06110852

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Spain

Author's Country/Territory: China

Manuscript submission date: 2022-01-10

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-15 08:49

Reviewer performed review: 2022-01-28 10:09

Review time: 13 Days and 1 Hour

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 Grade E: Do not publish
Language quality	<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
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: [☒] Anonymous [☐] OnymousConflicts-of-Interest: [☐] Yes [☒] No**SPECIFIC COMMENTS TO AUTHORS**

In the manuscript “Clinical evaluation of prone position ventilation in the treatment of acute respiratory distress syndrome induced by sepsis”, the authors tried to analyze the clinical effects of PPV in patients with ARDS caused by sepsis. Overall, this study was well conducted with good methodology and intelligible English. It is well written and highly interesting. The experiment of the study is designed very well. The methods of data analysis are very clear, and the results are presented well. However, the following points must be considered before publication. In my opinion, note that the additional expanded discussions are mandatory. In addition, the limitation of the current study should be discussed in the DISCUSSION part. I also suggest combining some previous studies with the results of your current study to discuss them in detail. Congratulations!

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Reviewer's code: 06060832

Position: Peer Reviewer

Academic degree: PhD

Professional title: Doctor

Reviewer's Country/Territory: Germany

Author's Country/Territory: China

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Peer-reviewer statements	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 manuscript written by Wenhan Xia et al. observes the clinical effects of PPV in patients with ARDS caused by sepsis. ARDS is an acute, short-onset, diffuse, inflammatory lung injury disease. Previous studies have reported on the benefits of the prone position over the supine position in terms of mechanical ventilation and oxygenation; however, this has not been addressed in patients with ARDS caused by sepsis. Herein, authors retrospectively reviewed the data of 102 patients who underwent mechanical ventilation for ARDS caused by sepsis. They found that PPV was associated with reduced mortality with no adverse effects on inflammatory and hemodynamic indices. Very interesting study. The article is well-written and fluent. The experiment of the study is designed very well, aims are very clear. Methods are reasonable. Data in the tables are very good, and well discussed. Thank you for giving opportunity to review your study.