

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 86209

Title: Clinical Evaluation of Ventilation Mode on Acute Exacerbation of Chronic Obstructive Pulmonary Disease with Respiratory Failure

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06060828

Position: Peer Reviewer

Academic degree: MD

Professional title: 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 02:50

Reviewer performed review: 2023-07-17 02:20

Review time: 10 Days and 23 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 Grade E: Do not publish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 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

As a chronic condition, COPD has been associated with significant morbidity and diminished quality of life for the affected individuals. AECOPD represents a significant event in the natural course of COPD which poses a substantial clinical and economic burden to the patients, healthcare providers, and healthcare systems worldwide. However, a number of factors must be considered when selecting the optimal ventilation mode and settings for the patients with respiratory failure due to AECOPD, including lung mechanics, gas exchange, and hemodynamic consequences. This study aimed to compare the clinical outcomes and examine the possible effects on patient outcomes associated with the two prevalent modes of mechanical ventilation, volume-controlled ventilation and pressure-controlled ventilation, in patients experiencing AECOPD and respiratory failure. The study is overall well designed and the results are interesting. The reviewer recommends to accept this manuscript after a minor revision. Comments: 1. The manuscript requires a minor editing. Some minor language polishing should be corrected. 2. Images should be updated. The resolution ratio is not so high. 3. The references should be edited and updated.

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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06140423

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Assistant Professor, Research Associate

Reviewer's Country/Territory: Germany

Author's Country/Territory: China

Manuscript submission date: 2023-06-30

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-07-04 09:48

Reviewer performed review: 2023-07-17 06:31

Review time: 12 Days and 20 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
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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 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

This is an interesting study of the clinical evaluation of ventilation mode on acute exacerbation of COPD with respiratory failure. This study may help to provide more evidence-based guidance for clinicians to choose the optimal ventilation mode for these patients, in order to improve their survival and quality of life, and reduce mechanical ventilation-related complications. Good study, can be accepted for publication after an editing.

Reviewer #1:

Specific Comments to Authors: This is an interesting study of the clinical evaluation of ventilation mode on acute exacerbation of COPD with respiratory failure. This study may help to provide more evidence-based guidance for clinicians to choose the optimal ventilation mode for these patients, in order to improve their survival and quality of life, and reduce mechanical ventilation-related complications. Good study, can be accepted for publication after an editing.

Thank you very much for your comment.



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Reviewer #2:

Specific Comments to Authors:1. The manuscript requires a minor editing. Some minor language polishing should be corrected. 2. Images should be updated. The resolution ratio is not so high. 3. The references should be edited and updated

Thank you for your constructive comments. We appreciate your suggestion to improve the language quality of our manuscript. We have revised the manuscript carefully and corrected some minor grammatical and spelling errors. We have replaced the original images with higher resolution ones and adjusted the size and format accordingly. We have updated our reference list .