

PEER-REVIEW REPORT

Name of journal: *World Journal of Critical Care Medicine*

Manuscript NO: 74974

Title: Diuretic Combinations in Critically ill Patients with Respiratory Failure; a Systematic Review and Meta-analysis

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05198253

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Academic Research, Chief Doctor, Doctor, Research Scientist

Reviewer's Country/Territory: China

Author's Country/Territory: Canada

Manuscript submission date: 2022-01-12

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-13 02:46

Reviewer performed review: 2022-01-16 02:37

Review time: 2 Days and 23 Hours

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 Grade E: Do not publish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 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

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

Overall, the article is rigorous and meaningful. I only have several comments. 1. The title “Diuretic Combinations in Critically ill Patients with Respiratory Failure; a Systematic Review with Meta-analysis” should be “Diuretic Combinations in Critically ill Patients with Respiratory Failure: a Systematic Review and Meta-analysis” 2. The keywords should be listed in a proper order. For example: respiratory failure and diuretics should be listed ahead. 3. In the introduction section, the author should supply with a part on the controversy surrounding the use of a second diuretic in AHRF. Further emphasis on the significance of implementing the article is required. 4.

Methods: “According to the predetermined protocol, a systematic literature search of 4 databases (MEDLINE, Embase, Cochrane Library and PROSPERO) was performed from inception until May 5th 2021 in collaboration with a trained medical librarian.” Author should limited the period-from ... to... .

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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05906378

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Canada

Manuscript submission date: 2022-01-12

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-13 02:54

Reviewer performed review: 2022-01-22 23:31

Review time: 9 Days and 20 Hours

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 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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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

Comments 1. What statistics tests were used? Please mention in the method section of abstract 2. The conclusion statement of abstract is not satisfactory, please revise it 3.

In keywords the "Review, Systematic;" you can write it as "Systematic review" 4.

Please divide the section "Eligibility Criteria" into Inclusion and exclusion criteria, write both of the criteria under separate subheading 5. In the "Literature Search" section please mention all the pertinent keywords used for searching of articles 6. Which softwares were used for the statistical analysis please mention in the manuscript. 7.

Please mention the implication of current study in the discussion section 8. The overall significant outcomes are quite little due to the unavailability of efficient data.