

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 60116

Title: Effect of alprostadil in the treatment of patients with intensive care unit complicated with acute renal injury

Reviewer's code: 03645039

Position: Peer Reviewer

Academic degree: FCPS, MD, PhD

Professional title: Associate Professor, Research Fellow

Reviewer's Country/Territory: Taiwan

Author's Country/Territory: China

Manuscript submission date: 2020-11-03

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-11-03 00:57

Reviewer performed review: 2020-11-10 10:29

Review time: 7 Days and 9 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 Grade E: Do not publish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 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



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SPECIFIC COMMENTS TO AUTHORS

This is a well designed and well written up study exploring the application value of alprostadil-assisted continuous venous-venous hemofiltration in the treatment of severe AKI in severe patients. I have the following questions and comments. 1. The Abstract is too long and needs to be compressed. In the "Results", it is not necessary to list all the results, just list the key data. 2. "Continuous venous-venous hemofiltration" should only use an abbreviation at the first time it appears, and then all can use CVVH instead.

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 60116

Title: Effect of alprostadil in the treatment of patients with intensive care unit complicated with acute renal injury

Reviewer's code: 03679410

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: Greece

Author's Country/Territory: China

Manuscript submission date: 2020-11-03

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-11-10 10:27

Reviewer performed review: 2020-11-10 11:14

Review time: 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 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



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SPECIFIC COMMENTS TO AUTHORS

In this manuscript the authors aim to observe the effect of alprostadil-assisted CVVH in the treatment of severe patients with acute kidney injury, and provide guidance and basis for clinical practice. The authors conclude that alprostadil combined with CVVH can effectively improve renal resistance index, partial pressure of oxygen in urine, and has a positive effect on improving renal function. It's really a novel, well made and interesting manuscript, however, minor grammatical changes are needed. I recommend it for publication.

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 60116

Title: Effect of alprostadil in the treatment of patients with intensive care unit complicated with acute renal injury

Reviewer's code: 05266843

Position: Peer Reviewer

Academic degree: FEBG, MD, PhD

Professional title: Emeritus Professor

Reviewer's Country/Territory: United States

Author's Country/Territory: China

Manuscript submission date: 2020-11-03

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-11-10 10:27

Reviewer performed review: 2020-11-10 11:17

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 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



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SPECIFIC COMMENTS TO AUTHORS

This study focuses on improve the effect of continuous venous-venous hemofiltration (CVVH) in patients with acute kidney injury and reduce treatment complications. Thank you for a useful and important synopsis of this important topic. In the Introduction section, the termes Continuous venous-venous hemofiltration and Alprostadil should be explained in more detail because the content is too simple and superficial. For example, you could add some background information about the disease and so on. Methods part: I suggest that the “Data and Methods” section be revised to “Patients and methods”. And only the inclusion criteria and experimental methods need to be listed, the basic Data of patients should be written separately in the Results section. The results section is clearly listed, the discussion is well written, and I support its’ publication.