

November 28, 2020

Dear editor,

Please find attached files of revised manuscript in word format

**Title: Alprostadil in the treatment of patients with ICU complicated with AKI and its effect on renal resistance index and urinary oxygen partial pressure**

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**Name of Journal:** World Journal of Clinical Cases

**Manuscript NO:** 60116

First of all, thank you for your careful guidance of this article. Revision has been made according to the suggestions of the reviewer:

**Reviewer: 05266843**

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.

**Reviewer: 03645039**

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.

**Reviewer: 03679410**

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.

Thank you for your advice.

After receiving the comments, we read the article carefully and the methods and results have been streamlined. I added a background section to the abstract and added a description of the disease in the preface. And I have replaced other "Continuous venous-venous hemofiltration" in the article.

According to the suggestion, we changed the relevant description.

Thank you again for publishing our manuscript in the World Journal of Clinical Cases.

Sincerely Yours,

Cui Tian