Reviewer's report

Title: Intravenous Pulse Methylprednisolone For Induction Of Remission In Severe ANCA Associated Vasculitis: A Multi-Center Retrospective Cohort Study

Version: 1 Date: 20 Apr 2018

Reviewer: Kenei Sada

Reviewer's report:

Authors almost revised their manuscripts well. But statistical methodology is not suitable for the present study.

1) Because the patient backgrounds were quite different between the two groups, propensity score weighted analysis should not be performed. As reviewer mentioned in first response, authors should perform the analysis using the propensity score matching and show patient backgrounds of matched population.

2) Authors mentioned that "In addition, all patients were Chinese, representing a population with a higher incidence of sclerotic and mixed lesions in renal pathology compared to Western populations and a lower risk of diabetes mellitus that may explain differences in adverse event rates compared to our study". Please cite the literatures about these findings.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

No

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.
I am able to assess the statistics

**Quality of written English**
Please indicate the quality of language in the manuscript:

Acceptable

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