Reviewer’s report

Title: Biopsy-proven vancomycin-induced acute kidney injury: a case report and literature review

Version: 1 Date: 05 Nov 2017

Reviewer: Ying Zhou

Reviewer's report:

1. Please supplement the patient's medication and family history appropriately.
2. The white blood cell count on page 6 is inconsistent with that in Table 1 (page 21).
3. The author may show the adjustment of vancomycin dosing regimen in Fig.1, which helps to understand the changes in vancomycin concentrations.
4. Are there any follow-up results after discharge?
5. Please supplement the diagnostic criteria of VCM-AKI in discussion.
6. In addition to prompt treatment, the prevention of VCM-AKI is equally important. The author illustrated that current recommendations for the prevention or treatment of VCM-AKI were drug monitoring of plasma vancomycin levels using area under the curve and drug withdrawal. Could the author explain in detail what measures should be taken corresponding to different vancomycin concentrations and AUC levels? In addition to the monitoring of vancomycin, is it necessary to monitor serum creatinine?
7. What can we learn from this case? Should the prevention of VCM-AKI be strengthened? In high-risk VCM-AKI cases, whether vancomycin should be avoided in combination with nephrotoxic drugs?

Are the methods appropriate and well described?

If not, please specify what is required in your comments to the authors.

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

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

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.
Not relevant to this manuscript

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

Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

1. Have you in the past five years received reimbursements, fees, funding, or salary from an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?
2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?
3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?
4. Have you received reimbursements, fees, funding, or salary from an organization that holds or has applied for patents relating to the content of the manuscript?
5. Do you have any other financial competing interests?
6. Do you have any non-financial competing interests in relation to this paper?

If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.
I declare that I have no competing interests

I agree to the open peer review policy of the journal. I understand that my name will be included on my report to the authors and, if the manuscript is accepted for publication, my named report including any attachments I upload will be posted on the website along with the authors' responses. I agree for my report to be made available under an Open Access Creative Commons CC-BY license (http://creativecommons.org/licenses/by/4.0/). I understand that any comments which I do not wish to be included in my named report can be included as confidential comments to the editors, which will not be published.

I agree to the open peer review policy of the journal