Reviewer’s report

Title: The Increasing Rates of Acute Interstitial Nephritis in Australia: A Single Centre Case Series

Version: 0 Date: 08 Jun 2017

Reviewer: Nicolas Pallet

Reviewer's report:

The aim of this study is to investigate rates of AIN in an australian cohort of patients with a renal disease, and to determine the parameters associated with, to confirm or infirm data provided by a AIWH report.

This study is potentially interesting, and some issues should be addressed.

# What is the definition of AIN used throughout the study? Did it change during the last 15 years?

# What was the indication for the kidney biopsy, and was this definition the same during the screening period?

# The cause of the AIN is always difficult to definitely identify; « association, or potential causes » are more reasonable terms…

# is there any way to provide more information on the immune infiltrates in the biopsies (immunostaining, tubulitis, type of cells, localization of the infiltrates, aspect of the infiltrates…)

# it would have been interesting to compare the outcomes of the patients who received corticosteroids versus those who did not (after 2 weeks).

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

Yes

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

Yes
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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