Reviewer’s report

Title: Biopsy proven acute interstitial nephritis after treatment with moxifloxacin

Version: 1  Date: 29 March 2010

Reviewer: Agnes Fogo

Reviewer’s report:

This is a well written case report documenting biopsy-proven acute interstitial nephritis in a patient receiving moxifloxacin. There are minor points to address as follows:

Minor essential revisions:

1. The biopsy is described as showing severe interstitial inflammation with edema and eosinophilic infiltrates. However, it is not noted whether the other cells were lymphocytes, plasma cells, macrophages, whether PMNS were present or not, and whether there was tubulitis. This should be specified.

2. Were there any crystals, casts, or polarizable material as may be seen in some types of drug toxicities? This should be specified.

3. Was immunofluorescence or electron microscopy done? Particularly in view of the 2+ proteinuria, the possibility of other glomerular injuries should be considered, and IF and EM results given if available.

4. It is not specified that the drug was discontinued, as it presumably was, or the time-point of discontinuation, whether before or after the diagnosis.

Minor comment:

• The word “jugular” is misspelled on page 4.
• The authors say the sediment contained 5-10 white cells. Were there any eosinophils in the urine?

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare I have no competing interests