Reviewer's report

Title: Limitations of caspofungin in the treatment of obstructive pyonephrosis due to Candida glabrata infection

Version: 1 Date: 23 May 2006

Reviewer: Maria do Rosario Silva

Reviewer's report:

General
In this work, the authors report a case about obstructive pyonephrosis due to azole resistant C. glabrata in which it was performed treatment with Caspofungin.

This work should be published, because it confirms the limitations of caspofungin to treat urinary tract infection due to Candida spp. Although caspofungin is available for treatment of systemic candidiasis I believe that the limitations in pyonephrosis occur because of its hepatic excretion. Some data should be added in the text.

1- The authors wrote that the microorganism is azole resistant, but they did not say the name of azoles. In this case report the names of azoles should be cited.

2- The authors should explain why the voriconazole was not used in the treatment of pyonephrosis by Candida glabrata since the MIC of this azole was very low in vitro susceptibility testing. Besides it is known that this azole is highly effective against fluconazole resistant strains.

This is a very good article. I hope that my suggestions can improve it more

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Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

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Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

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Discretionary Revisions (which the author can choose to ignore)