Reviewer's report

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

Version: 1 Date: 21 June 2006

Reviewer: Annette Fothergill

Reviewer's report:

Thank you for submitting your manuscript regarding Caspofungin for the treatment of Candida glabrata infections. This manuscript is clear and concise and gives valuable information to the medical community. I have a few comments for your consideration

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In the abstract, change strains to singular.

In the case presentation, you indicate that AMB was given one day prior to the unsuccessful stenting of the right kidney. At what point was caspofungin introduced and for how long?

It would be interesting to note if a change in MIC had occurred for the isolate recovered following the failed procedure...did you obtain and MIC data after the initial isolation and prior to the AMB local treatment?

Did you consider obtaining caspofungin levels of the serum and urine. You indicate published data that shows very little drug present following single dose. Patients who have been treated for extended periods have indeed shown levels of caspofungin in the urine at respectable levels. Although yet unpublished, data exists where a patient with C. glabrata was cured following extended treatment with caspofungin. Your wording is strong enough to dissuade use of caspo in treating UTI infections caused by this species. Please consider stating that this single case report is not sufficient on which to solely base treatment decisions.

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What next?: Accept after minor essential revisions

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No

Declaration of competing interests:

I declare that I have not competing interests.