Reviewer’s report

Title: Inappropriate antifungal therapy for candidemia in the ICU and hospital resource utilization: a retrospective cohort study

Version: 1 Date: 14 January 2010

Reviewer: LEROY OLIVIER

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Zilberberg et al. studied the impact of inappropriate antifungal therapy of candidemia on hospital length of stay and hospital costs. They retrospectively analyzed 90 patients. Inappropriate treatment was frequent and was associated with an higher post-candidemia LOS and higher costs.

This study is interesting. The paper is well-written.

Major compulsory revisions: The authors did not explain with details how they determined the hospital costs. On page 4, they assessed that total hospital costs represent the sum of costs across all individual hospital cost centres. I believe that this definition is too imprecise. Moreover, I do not understand whether the authors took into account only the costs related to hospital stay following onset of CBSI or those related to the entire hospitalization.

Minor essential revisions: the list of abbreviations on page 10 in not complete: CHF, CAD, DM, COPD, ESRD, HIV, CVC, MV (all used in table 1) must be added.

Level of interest: An article of limited interest

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 that I have no competing interests.