Reviewer's report

Title: Statins in Candidemia: Clinical Outcomes From a Matched Cohort Study.

Version: 1 Date: 2 March 2010

Reviewer: Donald G Klepser

Reviewer's report:

The authors are to be commended for a well written paper on an interesting topic. Despite their lack of a significant result, the paper desires consideration for publication since it is one the first papers to consider this association in an actual patient population.

Major Compulsory Revisions
None

Minor Essential Revisions
1. In their abstract and conclusion the authors indicate their is an association between statin use and mortality despite the insignificant p-value (p = 0.22). While the lack of a statistically significant finding is likely a result of the small sample size, the authors need to make sure that their interpretation is supported by their results.

2. Table 2 contains an asterisk (*) in the title that is not defined.

3. The authors seem to go back and forth between case-control and matched cohort as they describe their study. This is not a true case-control study since the outcome (mortality) was not used to classify the groups. The authors need to provide a clear and consistent description of this study.

4. The authors are encouraged to better describe how the two cohorts were matched. Matching on co-morbid factors is very vague. Did the authors use a composite score (i.e. Charlson) or were a set of individual co-morbidities used? Either way, please provide a clearer explanation.

Discretionary Revisions
None

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

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:
I declare that I have no competing interests