Reviewer’s report

Title: Streptococcal Peritonitis in Australian Peritoneal Dialysis Patients: Predictors, Treatment and Outcomes in 287 cases

Version: 1 Date: 8 July 2009

Reviewer: Sharon Nessim

Reviewer’s report:

This is a multicenter observational study of the predictors, treatment and outcomes of streptococcal PD peritonitis in Australia. It is the largest study of strep peritonitis to date.

Major compulsory revisions: none

Minor essential revisions:
(1) Page 11, Paragraph 1, last sentence: "21% of patients experienced more than episode of streptococcal peritonitis". Missing word after 'more than'?
(2) Page 13, paragraph 3, line 7: "This maybe due to...". Should read 'may be'.
(3) Page 25, Table 1, column 1 for peripheral vascular disease: reads 59(4%), but 59/256 is 23%.

Discretionary revisions:
(1) The authors mention that antibiotic choice did not affect outcomes. Given that patients were treated with antibiotics for varying periods of time, it may also be interesting to look at whether total antibiotic duration influenced outcomes.
(2) Figure 1 does not add much to the text, and could be omitted
(3) If the authors have data on the type of strep infection (eg. viridans vs. other), it would be worth reporting.

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 that I have no competing interests