Reviewer's report

Title: Early utilization of hypertonic peritoneal dialysate and subsequent risks of non-traumatic amputation among peritoneal dialysis patients: A nationwide retrospective longitudinal study

Version: 2 Date: 20 December 2012

Reviewer: stephen riley

Reviewer's report:

This is a interesting retrospective study that highlights the problems of limb amputation in dialysis patients. It is generally well written and clear. It does contribute to the available literature and informs the risk profile for this group of patients.

Major Compulsory Revisions

I am concerned about how the 2 groups have been compared. The control group is indexed at start of peritoneal dialysis whereas the hypertonic group is indexed at the start of the hypertonic solution. My feeling is that both groups should be treated the same and indexed at the start of PD treatment. This will eliminate problems with lead time bias. In addition I would like to see information about how the control group was chosen from the database. There does not seem to be any attempt to age match or diabetes match the 2 cohorts - was this considered?

Minor revisions

line 81 remove the word has
line 82 insert "is" after and and before contracted.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I declare that I have no competing interests