Reviewer's report

Title: Postdialysis Blood Pressure Rise Predicts Long-term Outcomes in Chronic Hemodialysis Patients: A Four-Year Prospective Observational Cohort Study

Version: 2 Date: 7 February 2012

Reviewer: Nicholas Selby

Reviewer's report:

Thank you for asking me to review the manuscript ‘Postdialysis Blood Pressure Rise Predicts Long-term Outcomes in Chronic Hemodialysis Patients: A Four-Year Prospective Observational Cohort Study’. The authors have revised the manuscript and although acknowledging some of the reviewers' points in their cover letter, not all have been incorporated into the revised manuscript. At the very least, some points should be included in the discussion of the study's weaknesses; these include:

1. Lack of assessment of patient dry weight
2. An apparent excess of malignancy in the SBP rise group

I think the discussion should also be expanded to include a comment on clinical applicability of a BP rise of only 5mmHg, and also the authors’ explanation (from their cover letter) regarding the apparent contradiction of lower UF volumes associating with mortality.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.