Reviewer's report

Title: The GFR estimated by different new and old equations as a predictor of important outcomes in elderly patients

Version: 1 Date: 29 October 2013

Reviewer: Masaru Horio

Reviewer's report:

Authors measured the risk of negative outcomes such as mortality, RRT, cardiovascular event and hospitalization in 539 elderly subjects stratified by eGFR levels. Performances of 5 GFR estimating equations for the identification of the risks were compared.

Major
1) Page 5, calibration of creatinine value
Show the measurement method of creatinine (Jaffe or enzyme).
Show how to calibrate the creatinine value using IDMS.

2) Page 9
More events occurring at higher eGFR by CKDEPIcyst.
Please comment about the reasons in Discussion.

3) Page 11 line 3
“The BIS equation predicted a higher rate of renal deaths.”
Is this correct?

Minor
4) Fig-2
Data of CKDEPIcreat >90 is missing.

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