Reviewer’s report

Title: The impact of different GFR estimating equations on the prevalence of CKD and risk groups in a Southeast Asian cohort using the new KDIGO guidelines.

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Reviewer: ajay K singh

Reviewer’s report:

This is a well written manuscript that highlights an important issue, namely the discordance between different equations in estimating GFR. The authors correctly argue in their conclusion that a unifying equation is needed for south-east asia.

Manor Compulsory Revisions

1. imprecision in staging -- the authors use proteinuria rather than albuminuria. Patients may have small amounts of albuminuria and be negative for proteinuria.

2. The Scr measurement was not standardized to IDMS-standards, consequently there maybe some imprecision in the use of MDRD equations. The authors should take a small number of samples and run them both using the method that they use and also with IDMS-standardized creatinine measurement (ie standardized to the Cleveland Clinic standards). This would be reassuring.

3. The baseline data (Table 1) is inadequate. Please provide racial type, Causes of kidney disease (in addition to diabetes and hypertension, what about glomeulonephritis etc). It would be important to know what the racial background of these subjects is -- % Chinese, Malayan, Indian etc. Since the sample size is good, comparison within these racial groups in the Thai population would make this study more novel and potentially quite useful.

4. The paper would benefit from a a Limitations paragraph

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