Reviewer's report

Title: Chronic kidney disease among high school students of Kinshasa

Version: 2 Date: 29 March 2012

Reviewer: Jeffrey Fadrowski

Reviewer's report:

I have reviewed this manuscript, and think it is acceptable for publication. From an editorial standpoint, it will still need some attention (grammar), but overall it is improved and the authors have mostly incorporated previous suggestions.

There is one outstanding issue that needs to be addressed before publication. The authors state that CKD is defined as proteinuria (CKD stage 1) and/or estimated GFR <60 (CKD stage 3). Looking at Table 2, it appears that the totals of CKD stages 1-3 are given as the prevalence of CKD. CKD 1 is defined by proteinuria. Thus, the reader is to assume that all patients with CKD stage 2 (estimated GFR 60-90) have proteinuria to meet the definition of CKD used by the reader. Is this true? If not, the prevalence of "CKD" (as defined) needs to be adjusted to not reflect the sum of stages 1-3 in Table 2 (or the definition of CKD changed to reflect Table 2). I understand that the main prevalence statistic presented is for the Schwartz formula, and as there is no CKD stage 2 in the study population, this is not an issue. However, for the sake of accuracy, this should be clarified for the other estimating equations.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

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