Reviewer’s report

Title: Prevalence of Diminished Kidney Function based on National Kidney Foundation Diagnosed Chronic Kidney Disease in a representative sample of Middle and Older Age Adults in the Irish Population.

Version: 4 Date: 13 September 2012

Reviewer: Austin Stack

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Prevalence of Diminished Kidney Function based on National Kidney Foundation Diagnosed Kidney Disease in a representative sample of Middle and Older Age Adults in the Irish Population

Sept 2012

Author: Browne et al,

Summary

In this re-submission, Browne et al have done a very fine job in addressing most of this reviewer’s concerns. In particular, they have 1) altered the title of the manuscript to more accurately reflect the population studied 2) refined, condensed and consolidated the Figures and Tables and 3) provided more meaningful descriptions of the methods and results including a greater focus on the population weighted estimates.

Minor (but important) Revision

I would ask that they review the manuscript very carefully for possible transcription and typographical errors.

For example here are some residual discrepancies between the tabulated results on Table 1. and the data provided in the text on page 8. There is discordance between the data in results section (page 8) and Table 1 on the number of subjects over 75

Text Table
7.9% sample 7.5% sample
14.7% national 15.9% national

Similar discrepancies exist between the text and table on the percentages of women. Also, the median serum creatinine in men is stated to be 89.7 µmol/L in text but it is written as 94 µmol/L in Tables. Mean serum creatinine in women was 71.2 µmol/L but a different value is provided in the table. (mean 75 µmol/L)

These discrepancies have to be clarified and corrected.

Discretionary Revisions
The authors might consider changing the title to the following:
“Prevalence of Diminished Kidney Function in a representative sample of Middle and Older Age Adults in the Irish Population”

**Level of interest:** An article whose findings are important to those with closely related research interests

**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.

**Declaration of competing interests:**

No competing interests