Reviewer’s report

Title: Can billing codes accurately identify rapidly progressing chronic kidney disease patients: A diagnostic test study

Version: 2 Date: 14 Jun 2019

Reviewer: Reviewer 2

Reviewer's report:

"PEER REVIEWER ASSESSMENTS:

OBJECTIVE - Full research articles: is there a clear objective that addresses one or several testable research questions? (Brief or other article types: is there a clear objective?)

Yes - there is a clear objective

DESIGN - Is the current approach (including controls and analysis protocols) appropriate for the objective?

Yes - the approach is appropriate

EXECUTION - Are the experiments and analyses performed with sufficient technical rigor to allow confidence in the results?

Yes - experiments and analyses were performed appropriately

STATISTICS - Is the use of statistics in the manuscript appropriate?

Yes - appropriate statistical analyses have been used in the study

INTERPRETATION - Is the current interpretation/discussion of the results reasonable and not overstated?

Yes - the author's interpretation is reasonable
OVERALL MANUSCRIPT POTENTIAL - Has the author addressed your concerns sufficiently for you to now recommend the work as a technically sound contribution? If not, can further revisions be made to make the work technically sound?

Yes - current version is technically sound

PEER REVIEWER COMMENTS:

GENERAL COMMENTS: This is a revised manuscript validating the operating characteristics of CKD and rapidly progressive CKD definitions using ICD coding in a large administrative dataset. Not surprisingly the investigators found low sensitivity and high specificity with the codes examined compared to laboratory data. The manuscript is well written with a sound rationale behind the work conducted and a logical flow. Overall it was a pleasure to read and a valuable contribution to the literature. The authors did a good job in addressing the previous queries and the revisions strengthened the overall work.

ADDITIONAL REQUESTS/SUGGESTIONS:

None identified."

Please confirm that you have included your review in the ‘Comments to Author’ box?

Yes

Are the methods appropriate and well described to allow independent reproduction of experiments?

Yes
Does the work include the necessary controls?  
If not, please explain in the ‘Comments to Author’ box below.

Yes

Are you able to assess the statistics?  
- Are the statistical test(s) used in this study appropriate and well described?  
- Is the exact sample size (n) reported for each experimental group/condition (as a number, not a range)?  
- Are the description of any error bars and probability values appropriate?  
- Are all error bars defined in the corresponding figure legends?  
- Has a sample size calculation been included, or a description and rationale about how sample sizes were chosen?  
Please can you confirm which of the following statements apply to your statistical assessment of the manuscript (Please include details of what the authors need to address in the ‘Comments to Author’ box):

I have been able to assess all of the statistics in this manuscript (please refer to checklist above)

Are the conclusions drawn adequately supported by the data shown?  
If not, please explain in the ‘Comments to Author’ box below.

Yes

Quality of written English  
Please indicate the quality of language in the manuscript:

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