Reviewer’s report

Title: Impact of thyroid function on Cystatin C in detecting acute kidney injury: a prospective, observational study

Version: 1 Date: 19 Dec 2018

Reviewer: Ziad M. El-Zoghby

Reviewer's report:

Overall, the authors addressed to the best of their ability the question raised by the reviewers.

I am unable to judge the issue of co-linearity in the response to question 3 and 4 and whether any modification is needed to the analysis and I differ to the editorial team and the journal statistician.

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

As a minimum standard, please include a few sentences that outline what you think are the authors’ hypothesis/objectives, their main results, and the conclusions drawn. Your report should constructively instruct authors on how they can strengthen their paper to the point where it may be acceptable for publication, or provide detailed reasons as to why the manuscript does not fulfill our criteria for consideration. Please supply appropriate evidence using examples from the manuscript to substantiate your comments. Please break your comments into two bulleted or numbered sections: major and minor comments.

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Yes

Are the methods appropriate and well described?

Please state in the ‘Comments to Authors’ box below what you think are the strengths and weaknesses of the methods (study design, data collection, and data analysis), and what is required, if anything, to improve the quality of reporting

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?

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