Reviewer’s report

Title: Prediction Model of Compensation for Contralateral Kidney After Living-Donor Donation

Version: 1 Date: 05 Jun 2019

Reviewer: Urmila Anandh

Reviewer's report:

The author needs to mention whether the CKD-EPI formula is validated in Japanese cohort. Also why was aTc99 DTPA scan was not used to determine the GFR. There are issues with eGFR and the findings of study would have been more acceptable if radionuclide measurement of GFR was done.

The discussion needs clarity.

The author need to state how is hypertrophy and hyperfiltration linked. The reader gets the impression that hyperfiltration and hypertrophy are used interchangeably. Similarly, clarity about how female gender, hypertension etc contribute to hypertrophy is required.

RKV/wt has been given a unitary value (2.0). Please explain the units of measurements for Residual Kidney VOLUME and weight. Volume and weight have two different SI units of measurement and the ratio cannot be a single number.

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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- Are the statistical test(s) used in this study appropriate and well described?
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