Reviewer's report

Title: Long term metabolic and renal outcomes of kidney donors compared to controls with excellent kidney function

Version: 0 Date: 10 Mar 2018

Reviewer: Anders Åsberg

Reviewer's report:

General Comments:

The analysis is written in a very descriptive manner and would gain from a more "tight" presentation in the results section. It adds to the literature but without giving any clear indices on the outcome of living donors.

Major Comments:

- Page 8, line 190: Should it be "eGFR LOWER than…"?

- I miss a detailed description on how eGFR slope is assessed.

Minor Comments:

- Limitations: Please comment on your relatively low rate (12-13/year) of living donor kidney transplantations in the discussion.

- Don't you use age adjusted GFR criteria for being a living donor? You selected controls with eGFR above 80, irrespectively of age!

- How many donors did you have missing smoking status on?

- Page 9, line 197: Why is it surprisingly that type of donor is not associated with the risk of having eGFR <30?!?! Why should it?
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

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

Acceptable

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