Reviewer’s report

Title: Normal kidney size and its influencing factors - a prospective 64-slice MDCT study of 1,040 asymptomatic patients

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Reviewer: Bum Soon Soon Choi

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-Minor Essential Revisions

This article is the study of kidney size evaluation in the normal population by computed tomography. I have some questions.

1. This study is to evaluate normal kidney size. However this study includes patients with stenosis of the renal artery and absence of the collateral kidney. I think it is necessary to exclude pathologic conditions in order to evaluate normal kidney size.

2. There is a difference between the size of the right and left kidneys. Is it true that the right kidney is smaller than left one in the real human body? Is this difference due to measurement error? I think more information regarding actual measurement results of both kidney size are necessary.

3. I think the association between renal function and size may provide more information about normal kidneys.

There are some errors in the text (ex- in Abstract (page2), there is “Methods” in Backgrouds paragraph). And Table is too complicated. I can’t understand the meaning of the Table immediately. It would be better to change the table to graph (ex- Table1 # correlation between kidney length in oblique sagittal planes with age according to gender and the side...),

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

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

'I declare that I have no competing interests'