Reviewer's report

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

Version: 1 Date: 29 July 2009

Reviewer: Musturay Karcaaltinca

Reviewer's report:

This study provides important anatomical information obtained by 64-MDCT. But there is too much data and it is difficult to understand the results.

Major Compulsory Revisions

Abstract

please add a sentence to methods about details of the technique and the parameters measured.

Conclusion: Please indicate the most important outcome of the study and omit the last sentence.

Introduction: Good

Methods: Good

Results: In the abstract it is indicated that there were 1040 patients and then it is said that “There were 1,033 kidneys on the right side, compared with 1,035 on the left.” in the results section. Please explain the discrepancy.

I can understand that the authors have extensive numbers. However the results should be simplified and most important findings should be emphasized. Other less important findings can either be discarded or should only be given in tables.

Discussion:

Good

Conclusions: Last sentence can be omitted.

REferences: OK

Figures

Good image quality, there is no legend for figure 4.

Tables: OK

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

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I have no competing interests