Reviewer’s report

Title: Reduced scan range abdominopelvic CT in patients with suspected acute appendicitis - Impact on diagnostic accuracy and effective radiation dose

Version: 0 Date: 30 Oct 2018

Reviewer: Annalisa Trianni

Reviewer's report:

The manuscript is simple and clearly written. I have some minor comments/suggestions.

Paragraph "Radiation dose assessment" page 6 lines 21-22.

The meaning is not clear. Hasn't the effective dose been calculated based on the real range?

Line 22 reports "we obtained the same dose values for the virtual reduced dose range CT". Do you mean that the doses to the same organs included in the full range have been estimated? Please clarify the sentence.

Table 1 pag.8

I would suggest add a column with the p-values

Paragraph "Discussion" page 12

Line 12. The reason why the authors include "or extent of anatomic coverage" is not clear. I suggest either clarify or remove

Lines 15-20. I suggest to indicate whether the differences are significant or not also in this paragraph

Lines 20-21. The sentence is not clear. Could you please clarify?

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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