Reviewer’s report

Title: Acute abdominal pain: concomitant leukocytosis and lymphopenia predict significant pathology on CT. A case-control study

Version: 0 Date: 30 Sep 2018

Reviewer: Alireza Baratloo

Reviewer’s report:

Dear Author

I received your valuable paper entitle "Acute abdominal pain: concomitant leukocytosis and lymphopenia predict significant pathology on CT. A case-control study" as a reviewer. I tried to review it carefully and I have some minor points want you to revise:

- I have a major concern regarding the trends of you medical writing. According to your methodology, you just find correlation between leukocytosis and lymphopenia with positive findings in CT; But your whole paper try to prove that these para-clinical could merit further CT scan that is not suitable for your paper. In my opinion you can suggest it that future studies based on your findings may find or develop a clinical prediction rules that merit unnecessary CT scan in patients with acute abdominal pain. Therefore I suggest you to revise the trend of your paper from title to the end. I suggest to revise the title as "Correlation of concomitant leukocytosis and lymphopenia with significant pathology on abdominal CT scan in patients with acute abdominal pain: a preliminary study". This title help you to re-wright the whole text with more caution and more suitable trend.

- I suggest you to calculate "r" to reporting the exact correlation between your measured variables with positive findings in CT scan.

- Reporting p-value could not revealed your results properly; so I highly suggest you to report odds ratio in the abstract part.

Kind Regards

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.

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

No

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 recommend additional statistical review

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

Acceptable

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None declared

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