Reviewer’s report

Title: Improved visualization of peripherally inserted central catheters on chest radiographs of neonates using fractional multiscale image processing

Version: 0 Date: 11 Jun 2018

Reviewer: Ibrahim Uygun

Reviewer’s report:

Dear Author,

This is an interesting manuscript that is researching improvement visualization of peripherally inserted central catheters on chest radiographs of neonates using fractional multiscale image processing. However; I would like to point out the following:

1. Generally, the manuscript is good written, however it has some grammar, unnecessary words, etc errors. So, the manuscript should be edited by medical manuscript edition service such as www.textcheck.com.

2. The Abbreviations are clear and subsequently. However "CATH processing" is not clear. Is it trade mark word or "catheter"?

3. Some expressions are trademark or registered mark. So, they should be written "®", or "™".

4. In the Discussion section, FMP as Catheter-enhanced digital chest radiographs should be discussed more with current literature.

5. The Abstract should be shortened and clarified.

Finally, the manuscript should be published in BMC Medical Imaging after major revision.

No other comment.

Best 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.

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.

Not relevant to this manuscript

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

Acceptable

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