Reviewer’s report

Title: Lesion Based Diagnostic performance of Dual Phase 99mTc-MIBI SPECT/CT imaging and ultrasonography in patients with secondary hyperparathyroidism

Version: 1 Date: 20 Jul 2017

Reviewer: Yingxin Chen

Reviewer's report:

This manuscript is relatively well written. However, I just have some suggestions detailed below.

1. "These areas were scored for activity on a three-point scale: 1 = slight uptake, 2 = medium uptake, 3 = high uptake". Please provide more information about three-point scale and clarify the score of the lesion in the figure.

2. CT imaging had provided to compare with 99mTc-MIBI SPECT/CT imaging in SHPT patients. However, title of this manuscript is "Lesion Based Diagnostic performance of Dual Phase 99mTc-MIBI SPECT/CT imaging and ultrasonography in patients with secondary hyperparathyroidism". Please provide representative ultrasonography imaging to enhance the finding.

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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