Reviewer’s report

Title: A novel approach to neuraxial anesthesia: application of an automated ultrasound spinal landmark identification

Version: 2 Date: 08 Mar 2019

Reviewer: Vincent Chan

Reviewer's report:

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The manuscript has been revised satisfactorily. Some further comments and questions:

1) Once the experienced investigators have scanned the back and identified the optimal site of needle insertion, did the anesthesia trainees insert the needle without spine palpation? If this is true, please add this point to your text.

2) For future studies, please mention scanning and needle insertion by anesthesia trainees and determine the accuracy of locating the spinal level and the success of needle insertion.

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?
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No

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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