Reviewer's report

Title: Association Between Basilar Artery Configuration and Vessel Wall Features: A Prospective High-resolution Magnetic Resonance Imaging Study

Version: 0 Date: 05 Aug 2019

Reviewer: Niha Beig

Reviewer's report:

This study attempts to investigate the relationship between distal and proximal anatomical configurations of basilar artery (BA) and vessel wall features on high resolution magnetic resonance imaging (HRMRI).

Following are my comments
1. Please make a flowchart of inclusion and exclusion criteria of patient enrollment for the study.
2. Why were the plaque distributions divided only into two categories of diffuse and non-diffuse? How was the definition of these categories made? Is it similar in a clinical setting, where if the plaque is across 3 or less quadrants it is considered non-diffuse and diffuse if 4 quadrants?
3. Please consider adding more cases to the experimental design, as I reviewer I fear that the results will not generalize.
4. Lastly, the entire paper needs a review to be corrected for multiple English grammatical errors.

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.

No

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 am able to assess the statistics

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

Not suitable for publication unless extensively edited

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