Reviewer’s report

Title: Isolated hypoglossal nerve palsy from internal carotid artery dissection related to PKD-1 gene mutation

Version: 0 Date: 23 Jul 2019

Reviewer: Chih-Ping Chung

Reviewer's report:

This is an interesting case report about a patient with right 12th cranial nerve palsy and right ICA dissection.

1. Please have the manuscript English edited. There are several inappropriate wording and grammars in the text.

2. Author presumed that right ICA dissection with vessel dilatation compressed the 12th cranial nerve and led to right 12th cranial nerve palsy. To support this postulation, a follow-up MRA showing healing and normalized of right ICA dissection and lumen associated with recovered 12th cranial nerve function is needed.

3. Tongue muscle atrophy usually indicates a "chronic" 12th cranial nerve lesion. What is the duration of symptom onset and between symptom onset and vessel examinations? This point needs to be discussed.

4. The finding with enlarged structure within the hypoglossal canal is interesting. Please make more clear and extensive discussion about this 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.

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:

Not suitable for publication unless extensively edited

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