Reviewer’s report

Title: Subarachnoid haemorrhage due to intracranial vertebral artery dissection presenting with atypical cauda equina syndrome features: case report

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Reviewer: Chih-Ping Chung

Reviewer's report:

This is a case report of a 55 y/o man who had left intracranial vertebral artery dissection (VAD) with dissecting aneurysm and SAH. He presented with left facial palsy and other associated s/s.

1. Facial palsy is an acknowledged presenting sign in SAH with or without VAD. When facial palsy occurs with other neurological deficits such as consciousness change, cerebellar signs or pyramidal signs, even no headache, SAH is one of the differential diagnosis. Therefore, the present case report is not a novel finding.

2. There was no endovascular intervention or surgical treatment but only conservative treatment for this case and the follow-up time was only none months. Management strategy and long-term outcome including rebleeding was not able to be clarified.

3. The results of neurological examinations were confusing. peripheral nervous system examinations should comprise DTR and weakness patterns (e.g. distal/proximal, root distribution, etc). Several domains of neurological examinations were not mentioned. Right pyramidal or pronator drift involved both upper and lower limbs? Cerebellar signs? Plantar reflex?

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

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.

Not relevant to this manuscript

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Please indicate the quality of language in the manuscript:

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