Reviewer’s report

Title: The Protective Effect of Persistent Trigeminal Artery in Patients with Ischemic Stroke

Version: 0 Date: 15 Oct 2018

Reviewer: Auwal Abdullahi

Reviewer's report:

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Please overwrite this text when adding your comments to the authors.

Abstract
Page 2

Case presentation
Line 14: 'Patient with' not 'patient of'

Conclusion
Line 35: Ischaemic not ischaemia
Lines 37 to 39: Please use MesH terms for your key words. For example, I think the word 'anastomosis' can be a good candidate

Page 3
Line: It should be 'there have been some case reports on its association'
Line 11: It should be 'similarly, there are also some reports on the associations'......
Merge the second paragraph with the first.
Line 20: It should be 'However, its protective effect in the setting of ischemic stroke was rarely reported.
Line 22: it should be 'we' not 'We'
Line 26: It should be 'its role in cerebrovascular disease has also been discussed'

Case Presentation
Merge the second with the first paragraph
Line 45: It should be 'Additionally, bilateral Babinski'
Line 47: It should be 'However, Rhomber sign'.....
On admission, his blood pressure was 135/85mmHg and heart rate was 66 beats/min; and neurological examination revealed nystagmus on horizontal gaze. His pupillary reflexes and extraocular movements were intact, no limb weakness and sensory deficits were found; and bilateral finger-to-nose and heel-to-shin tests were normal. Additionally, bilateral Babinski signs were negative. However, Romberg sign was impossible to evaluate as the paient could not be able to cooperate with further examination.

Similarly, laboratory tests were.

However, no acute.

It should be 'was done which revealed that'

'which caused the patient to have acute.'…

'protective role in preventing the patient from having severe anterior circulation ischemic stroke.'

Furthermore, CT perfusion…

Therefore, the patient was given 100 mg aspirin and 20 mg atorvastatin daily and discharged one week later

This case report has some strength. Firstly,

'with the case of Lochner and colleagues'

This is a good study that will help us further understand the mechanism of ischaemic stroke. However, use of English needs to be further strengthened in the manuscripts. Additionally, I have seen your study timeline- this is a requirement according to the CARE guideline.

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.

Not relevant to this manuscript

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

Needs some language corrections before being published

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