Reviewer’s report

Title: Risk Factors, Clinical Presentation and Predictors of Stroke among Adult Patients Admitted to Stroke Unit of Jimma University Medical Center, South West Ethiopia: Prospective Observational Study

Version: 3 Date: 22 May 2019

Reviewer: Ken Uchino

Reviewer's report:

If 50 of 116 patients were classified for their stroke subtypes (ischemic vs hemorrhagic) based on clinical presentations, risk profiles, disease course, etc., then this needs to be acknowledged as a limitation of the study. We may be looking at clinician judgment rather than something biological. If let's say, vomiting suggested increased intracranial pressure and clinician diagnosed hemorrhagic stroke, then predictors of stroke subtype may result vomiting associated with hemorrhagic strokes. If presence of atrial fibrillation swayed a clinician to conclude more likely ischemic stroke, the logistic regression model may result in atrial fibrillation associated with ischemic stroke.

That clinical diagnosis of stroke subtype agreed with CT scan among 48 (78.7%) out of 61 scanned with CT should be mentioned somewhere in the manuscript result section. The 61 patients serve as non-random subgroup that establish validity of the stroke subtyping.

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?
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Yes
Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
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I am able to assess the statistics

Quality of written English
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Acceptable

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