Reviewer’s report

Title: Hypoglycemic Encephalopathy Mimicking Acute Ischemic Stroke in Clinical Presentation and Magnetic Resonance Imaging: A Case Report

Version: 3 Date: 04 Nov 2018

Reviewer: Salvador Pedraza

Reviewer's report:

KEY WORDS
Hypoglycemic encephalopathy, acute ischemic stroke, diffusion-weighted imaging, excitotoxic edema

These Keywords are correct and the authors can add other passwords such as: brain infarction, acute stroke, Ischemic stroke, magnetic resonance

CASE REPORT
The authors can explain that the ADC was decreased.

DISCUSSION
The authors can add that there are two patters of lesion distribution (reference 3). The lesion locates on white mater tract has better outcome that lesions affecting cortical gray matter. The authors can add the reversibility of brain lesions is also a predictor of good clinical outcome

LIMITATIONS
The authors can declare as limitation, the presentation of a unique case. Further prospective studies with larger sample can validate the predictive value of DWI on hypoglycemic encephalopathy

CONCLUSION
The authors cannot make statement about favorable outcome of hypoglycemic encephalopathy based on water diffusion restriction involving only the motor tract on DWI

REFERENCES
The 9 references are correct but the authors can consider to add this reference

FIGURES
The authors can add an image to figure 1 showing the ADC decrease
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Unable to assess

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Unable to assess

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

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

Acceptable

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The authors can add that there are two patterns of lesion distribution (reference 3). The lesion locates on white matter tract has better outcome than lesions affecting cortical gray matter.

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