

Xiu-Xia Song,

Science Editor, Editorial Office

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Dear Editor,

Please find attached the revised version of our minireview " Complementary examinations other than neuroimaging and neurosonology in acute stroke". Your comments and those of the reviewers were highly insightful. In the following lines are our point-by-point responses to each of the comments of the reviewers.

Revisions in the text are shown using yellow highlight for additions and changes.

We shall look forward to hearing from you at your earliest convenience.

Yours sincerely,

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Responses to comments of the reviewers are as follows:

- Reviewer 00504436

We wish to thank the reviewer for the interest he expended on our behalf and his supporting comments.

- Reviewer 00646433

- We have included a comment in “Blood biochemistry” section in order to gather your comments about hyponatremia:

“In a recent clinical study hyponatremia occurred in 43% of stroke patients, 6% had hypernatremia, and 4% had both. Cerebral salt wasting was the most common cause of hyponatremia in stroke patients.”

- and we have added the reference recommended:

Kalita J, Singh RK, Misra UK. Cerebral salt wasting is the most common cause of hiponatremia in stroke. J Stroke Cerebrovasc Dis 2017

- In the section “Cholesterol and triglycerides” we have added a more recent guideline and deleted the previous one:

US Preventive Services Task Force Recommendation Statment. Statin use for the primary prevention of cardiovascular diseases in adults. JAMA 2016; 316: 1997-2007

- In “Polysomnography” section we have added the recommended reference and accordingly, the following comment:

“Changes in cerebral hemodynamics can be detected in obstructive sleep apnea syndrome with greater neurological deterioration in the sitting of acute cerebral ischemia”

Alexandrov AV, Nguyen HT, Rubiera M, Alexandrov AW, Zhao L, Heliopoulos I, Robinson A, DeWolfe J, Tsiogoulis G. Prevalence and risk factors associated with reversed Robin Hood syndrome in acute ischemic stroke. Stroke 2009; 40: 2738-2742

- Finally, we have revised typographic errors, revised the English language and added 3 more references to strengthen the content of the review.

We continue to appreciate very much your attention to this submission.

Yours sincerely,

Adrià Arboix, MD, PhD