Reviewer’s report

Title: Does burst-suppression achieve seizure control in refractory status epilepticus?

Version: 0 Date: 16 Feb 2018

Reviewer: Athanasios Covaris

Reviewer's report:

Dear Authors

This study was designed to assess the effect of midazolam-induced burst-suppression on the occurrence of breakthrough seizure, withdrawal seizure, intra-hospital complications, functional outcome at 3 months and mortality.

Your paper will improve by including in your discussion the following publication: Hernandez OH et al 2014. Refractory Status Epilepticus: Experience in a Neurological Intensive Care Unit. Hindawi Publishing Corporation. Journal of Critical Care Medicine. Volume 2014, Article ID 821462, 9 pages. http://dx.doi.org/10.1155/2014/821462. These authors also preferred midazolam and burst suppression was achieved in 78.8% of the 80 cases with RSE and their cases were assessed using cVEEG.

Some minor indications for correction

Results

1st paragraph: 6 patients with static lesion (11.7% instead of 76%)

Discussion

3rd paragraph: withdrawal seizure occurred in 21 cases (41.2%) and not in 21%.
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.

I recommend additional statistical review

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

Needs some language corrections before being published

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