Reviewer’s report

Title: Outcome prediction in disorders of consciousness: the role of coma recovery scale revised

Version: 2 Date: 17 Feb 2019

Reviewer: Rana Alnasser Alsukhni

Reviewer's report:

The research compares the predictability of CRS-r in DOC outcome with other clinical and non-clinical parameters.

Although it is not completely original, it is a well written paper highlighting the utility of CRS-r scale in a specific subgroups of coma patients to predict their long-term results which is compatible with the body of available research.

The conclusion drawn included minor inaccuracy "We demonstrated in a large Italian sample that 35% of severe DoC patients achieve a full functional improvement by the end of inpatient rehabilitation" , I think "severe" is inaccurate as patients with deep coma or DoC of other aetiologies or age groups were excluded.

The language is good and appropriate. I could hardly find lingual mistakes.
Page 2 line 35: This was done in order to determine: algorithmic approaches to patient treatment; ii) the optimal clinical care and setting to improve outcomes. Ad " i)" before algorithmic.
Page 8 line 31: "However, it should bear in mind that". It should be borne in mind or one should bear in mind that..

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 am able to assess the statistics

**Quality of written English**

Please indicate the quality of language in the manuscript:

Acceptable

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