Reviewer’s report

Title: Clinical and electrophysiological features of post-traumatic Guillain-Barré syndrome

Version: 0 Date: 06 Dec 2016

Reviewer: Shahriar Nafissi

Reviewer’s report:

In this manuscript, the authors describe five cases with the so-called post-traumatic GBS. Overall, the English is poor and needs extensive editing.

I have a few major concerns:

How were the patients detected? did the review the clinical data from all GBS patients from 2014-2016 and you found these cases? How many GBS patients were diagnosed in this time period in your hospital?

The term "post-traumatic GBS" doesn't appear in the literature and has not been defined. So, first of all, we need a definition. The type of trauma is shown in the table; two are better defined as post-surgical, one is abortion, one mild traumatic brain injury (how mild? concussion, or just a tap on the head0. the other two are chest trauma and a fracture; again severity not mentioned. What was the situation of the patients after the trauma? sepsis? ICU admission or a critical situation? These all has to be clarified.

The clinical description lacks necessary details. These cases are not classic GBS. cranial nerves are involved in 5/6 but the nerves involved are 3, 4, 6 and 10th cranial nerves and there is no mention of facial nerve which is apparently the most frequently involved nerve. I would definitely need more clinical details.

I would prefer to see the electrodiagnostic study results as presented by numbers in a table instead of the graph presentation.

The anti-ganglioside antibody titers and normative data are not provided.

In the literature review, the authors have found only 35 cases, all after 2008, of which 30 are post-surgical.

Are the methods appropriate and well described? 
If not, please specify what is required in your comments to the authors.

No

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

No

**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:

Not suitable for publication unless extensively edited

**Declaration of competing interests**
Please complete a declaration of competing interests, considering the following questions:

1. Have you in the past five years received reimbursements, fees, funding, or salary from an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?

4. Have you received reimbursements, fees, funding, or salary from an organization that holds or has applied for patents relating to the content of the manuscript?

5. Do you have any other financial competing interests?

6. Do you have any non-financial competing interests in relation to this paper?

If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.

I declare that I have no competing interests
I agree to the open peer review policy of the journal. I understand that my name will be included on my report to the authors and, if the manuscript is accepted for publication, my named report including any attachments I upload will be posted on the website along with the authors' responses. I agree for my report to be made available under an Open Access Creative Commons CC-BY license (http://creativecommons.org/licenses/by/4.0/). I understand that any comments which I do not wish to be included in my named report can be included as confidential comments to the editors, which will not be published.

I agree to the open peer review policy of the journal