

## Review Form 1.7

Journal Name:	<b>Journal of Advances in Medicine and Medical Research</b>
Manuscript Number:	<b>Ms_JAMMR_100068</b>
Title of the Manuscript:	<b>Protein S100B and Amplitude-Integrated EEG as Early Predictive Methods for Brain Injury and Seizures in Preterm Neonates</b>
Type of the Article	<b>Original Research Article</b>

### **General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journaljammr.com/index.php/JAMMR/editorial-policy> )

### **PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</b>
<p><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li><b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li><b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li><b>Is the abstract of the article comprehensive?</b></li> <li><b>Are subsections and structure of the manuscript appropriate?</b></li> <li><b>Do you think the manuscript is scientifically correct?</b></li> <li><b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<ol style="list-style-type: none"> <li><b>This manuscript presents very important results to evaluate the role of protein S100B as an early predictor for neonatal brain injury and the value of aEEG for neonatal brain injury.</b></li> <li><b>Yes</b></li> <li><b>yes</b></li> <li><b>yes, but some of the methods are too abbreviated and need to be expanded.</b></li> <li><b>The authors need to do a correlational analysis before stating that there is a relationship between two parameters – see my comments below.</b></li> <li><b>References are fine.</b></li> </ol>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li><b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>	English is fine.	
<p><b>Optional/General</b> comments</p>	<p>Whenever, the authors make a statement like this "There was a statistically significant relation between aEEG and clinical convulsion as patients with abnormal aEEG", the authors need to do a correlational analysis and present a correlation coefficient R value with scatter plot and regression line Figure showing the relationship in graph form. The correlation could either be presented as a Pearsons correlation or a Spearman's correlation.</p> <p>This authors should also add figures showing example EEG signal from controls and subjects with injury.</p>	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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