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REVIEWER'S REPORT

Manuscript No.: IJAR-58124

Title: *Effect of Age on Glasgow Coma Scale in Patients with Moderate and Severe Traumatic Brain Injury at a Tertiary Care Centre*

Recommendation:		Rating	Excel.	Good	Fair	Poor
Accept as it is		Originality		✓		
✓ Accept after minor revision.....		Techn. Quality		✓		
Accept after major revision		Clarity		✓		
Do not accept (<i>Reasons below</i>)		Significance	✓			

Reviewer Name: Dr S. K. Nath

Detailed Reviewer's Report

Strength of the study:

- The study addresses an important issue in traumatic brain injury assessment
- Clear study objectives and appropriate clinical relevance
- Inclusion and exclusion criteria are adequately described
- Statistical analysis is appropriate for the study design
- Results are presented in a simple and organized manner
- The discussion is supported by recent literature
- Practical recommendations are provided for future research and clinical practice

Weakness of the study:

- The single-center design limits generalizability of the findings
- Convenience sampling may introduce selection bias
- Follow up was limited to only seven days
- The association between age and GCS requires deeper statistical analysis
- Several grammatical and language errors need correction
- Some figures and labels require better formatting
- Important confounding factors were not fully adjusted during analysis

Reviewers Comments:

This manuscript explores the influence of age on Glasgow Coma Scale scores in patients with moderate and severe traumatic brain injury, an important topic with practical relevance in emergency and neurosurgical care. The study is well structured, and the methodology is clearly presented. The results are organized and supported by appropriate statistical analysis. The authors have discussed the findings in relation to previous studies and have highlighted the potential need for age-adjusted neurological assessment. However, the manuscript would benefit from careful language editing, as several grammatical errors and awkward sentence constructions reduce readability. The ethical aspects have been addressed through informed consent and adherence to the Declaration of Helsinki, but the institutional ethical committee approval number should also be mentioned. The single-center design, convenience sampling, and short follow up period should be emphasized as important limitations. Overall, the study provides useful clinical information and is suitable for publication after minor revision.

Previously Published anywhere/Plagiarism check:

The manuscript appears to be an original research study, and no obvious evidence of duplicate publication or copied material was identified during this review. No apparent signs of plagiarism were observed. A routine plagiarism similarity assessment by the journal is recommended before final acceptance to ensure originality and compliance with publication ethics.