



REVIEWER'S REPORT

Manuscript No.: IJAR-50870

Date: 2/4/2025

Title:

“A comparative study of cognitive function, pre-operative and post-operative, in patients undergoing valvular heart surgery

Recommendation:

- Accept as it is
- Accept after minor revision**.....
- Accept after major revision
- Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		Good		
Techn. Quality		Good		
Clarity	Excellent			
Significance	Excellent			

Reviewer Name:Dr.Sumathi

Date: 2/4/2025

Reviewer's Comment for Publication.

(To be published with the manuscript in the journal)

The reviewer is requested to provide a brief comment (3-4 lines) highlighting the significance, strengths, or key insights of the manuscript. This comment will be Displayed in the journal publication alongside with the reviewers name.

Cognitive function encompasses the mental processes involved in acquiring knowledge, manipulating information, and reasoning including areas like perception, memory, learning, attention, decision making and language.

Detailed Reviewer's Report

- 1. Preoperative cognitive assessment can identify patients at risk for postoperative cognitive dysfunction allowing for tailored interventions and improved outcomes, particularly in older adults.**

International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

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2. Heart valve surgery is a medical procedure to repair or replace damaged or diseased heart valves. These valves control the flow of blood through the heart.
3. Comparative studies of cognitive function often examine differences in performance across various groups and assess cognitive domains like memory, attention, and executive function using standardized tests.
4. Informations are given good and value points.
5. Key points of flow charts are appreciated.
6. Results with pictures and graphs are awesome.
7. Summary parts are included good.
8. References should be in alphabetical order.
9. Over all alignments needed.
10. After that eligible to publish in your journal.