

REVIEWER'S REPORT

Manuscript No.: IJAR-59028

Title: A Study to Compare the Outcomes of Tympanoplasty and Tympanoplasty with Cortical Mastoidectomy in Mucosal Type Chronic Otitis Media.

Recommendation:

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

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

Reviewer Name: Dr S. K. Nath

Detailed Reviewer's Report

Strength of the study:

- The study addresses a clinically relevant ENT problem.
- The comparative study design is appropriate for the stated objective.
- The two groups were similar in age and baseline characteristics.
- Graft uptake and postoperative discharge were assessed at multiple follow-up points.
- The surgical procedures are described in reasonable detail.
- Results are presented clearly through comparative tables.
- The study provides a clinically useful conclusion regarding routine mastoidectomy.

Weakness of the study:

- The sample size is small, with only 21 patients in each group.
- The method of random allocation is not described.
- Sample size calculation and study duration are not reported.
- Ethical approval and informed consent are not clearly mentioned.
- Hearing outcomes are discussed but corresponding detailed results are not presented.
- Some results and statements contain inconsistencies and typographical errors.
- Grammar, formatting and sentence construction require substantial editing.

Reviewers Comments:

The manuscript addresses an important clinical question regarding the need for cortical mastoidectomy in patients with inactive mucosal chronic otitis media. The prospective comparative design and follow-up at 2, 4 and 6 months are appropriate, and the reported results show similar graft uptake and postoperative discharge in both groups. However, several methodological details require clarification. Although the study is described as randomized, the method of randomization is not provided, and there is no information regarding sample size calculation. Ethical clearance and written informed consent are also not clearly reported and should be added. Hearing outcomes are mentioned in the discussion and conclusion, but detailed hearing data are not presented in the results tables. There are also inconsistencies in the reporting of age and some postoperative findings. The small sample size and short follow-up should be acknowledged as limitations. Grammar, punctuation, formatting and sentence construction need careful correction. Overall, the study is relevant, but substantial revision is required.

Previously Published anywhere/Plagiarism check:

An exact title search did not identify the same title, but closely related studies comparing tympanoplasty with and without cortical mastoidectomy in inactive mucosal chronic otitis media have already been published. One prospective randomized study reported similar graft outcomes between the two approaches, while other recent studies have reported different findings. Therefore, the authors should clearly explain the novelty of their study and perform a formal similarity check before publication.