

REVIEWER'S REPORT

Manuscript No.: IJAR-58893

Title: Lightweight by Design: A Simplified Hollow Bulb Interim Obturator for Maxillary Rehabilitation: A Case Report.

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 case addresses an important problem in maxillofacial rehabilitation
- The technique is simple and clinically practical
- The customized ice spacer is inexpensive and easily available
- The procedure is described in reasonable detail
- The clinical photographs support the described fabrication steps
- The hollow design reduces prosthesis weight
- The reported functional improvement is relevant to patient care
- The authors acknowledge the need for further clinical evaluation

Weakness of the study:

- The report describes only one patient
- There is no objective measurement of weight reduction
- Functional improvement is reported without standardized assessment
- Long term follow up is not presented
- The reproducibility of the technique is not demonstrated
- Ethical approval or exemption is not clearly stated
- Patient consent for treatment and publication of clinical photographs is not mentioned
- Comparison with other hollowing techniques is limited

Reviewers Comments:

The manuscript presents a useful and practical modification for fabrication of a closed hollow bulb interim obturator using a customized ice spacer. The clinical procedure is described clearly and the sequence of photographs helps the reader understand the technique. The reported improvement in speech, mastication, deglutition, retention and comfort is clinically relevant. However, this is a single case report and the clinical benefits are mainly based on observation rather than objective assessment. The manuscript would be stronger if the authors provided actual prosthesis weight before and after hollowing and some standardized assessment of functional improvement. Long term follow up and information on the duration of successful use are also lacking. Ethical clearance is not mentioned in the manuscript, and the authors should clearly state the ethical status of the case and confirm written patient consent for publication and clinical photographs. Grammar, spacing and formatting require several corrections. Overall, the technique is interesting and potentially useful, but some important reporting details should be clarified before publication.

International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

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Previously Published anywhere/Plagiarism check:

The manuscript cites earlier reports describing ice as a hollowing material, but the authors present the customized ice spacer as a modification of the existing approach. No clear evidence of duplicate publication is apparent from the submitted manuscript. However, a formal plagiarism or similarity check should be performed by the journal before acceptance.