

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 ID: JP085

Reviewers Comment for Publication.

This case report describes the fabrication of a lightweight closed hollow bulb interim obturator for a 74-year-old male who had undergone hemi-maxillectomy for squamous cell carcinoma. A customized ice spacer was used to create the hollow space. The technique is simple, economical, and does not require removal of the spacer or making an access opening. The patient showed improvement in speech, chewing, swallowing, retention, stability, and comfort.

Strength:

1. The topic is relevant to maxillofacial prosthodontics.
2. The case is clearly described.
3. The customized ice spacer technique is simple and economical.
4. The clinical procedure is explained step-by-step.
5. Figures help explain the fabrication procedure.
6. The technique reduces the weight of the obturator.

Weakness:

1. This is a single case report, so the results cannot be generalized to all patients.
2. Long-term follow-up results are not provided.
3. Exact reduction in prosthesis weight is not reported.
4. Objective measurements of speech, swallowing, mastication, retention, or patient comfort are not provided.
5. The technique may require careful handling because the ice spacer can melt before processing

Overall assessment:

The article presents a simple and useful technique for preparing a lightweight hollow bulb obturator. The procedure is easy to understand and has potential clinical value. However, because it is based on only one

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patient and lacks quantitative and long-term evaluation, the conclusions should be stated carefully. Further cases and longer follow-up are needed.

Recommendation: Manuscript accepted for publication after minor revision.