

## REVIEWER'S REPORT

Manuscript No.: IJAR-52363

Date: 19/06/2025

**Title: EVALUATION OF SOFT TISSUE AND SKELETAL CHANGES FOLLOWING BILATERAL SAGITTAL SPLIT SETBACK SURGERY A RETROSPECTIVE STUDY**

### 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: Sakshi Jaju

Date: 19/06/2025

### Reviewer's Comment for Publication.

#### Abstract:

The abstract explains that the study looked at changes in bone and soft tissue after jaw surgery for people with class III malocclusion. It also mentions that measurements were taken at three stages: before, immediately after, and 6 months after surgery. The relapse rates and conclusions are easy to understand.

#### Introduction:

The introduction gives background on why jaw surgery (BSSO) is done and why both soft tissue and bone changes are important to study. It explains that facial appearance and bite correction are both goals of this surgery. The explanation is clear, and the reason for doing this study is well stated.

#### Materials and Methods:

The study was done on 30 adult patients who had jaw surgery (BSSO setback) for class III skeletal problems. Patients had orthodontic treatment before surgery, and proper consent and ethical approval were obtained. The researchers used x-rays (lateral cephalograms) at 3 different times and measured both bone and soft tissue changes using clear landmarks.

#### Results:

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The study gives detailed results for bone movement, soft tissue changes, and angle measurements

**Discussion:**

The discussion explains why relapse happens and how muscle tone, bone healing, and jaw positioning all play a role. It also explains how the lower lip and chin move along with the bone and how this can help predict surgical results.

**Conclusion:**

The conclusion clearly says that BSSO setback surgery is stable and effective. It reminds us that understanding soft tissue and bone relationships can help plan surgery better.

**Relevance and Contribution:**

This study is important for surgeons and orthodontists. It gives useful information about how soft tissues respond to jaw surgery, which helps in predicting patient appearance after treatment.

Overall assessment - The article has some minor grammatical and formatting issues; however, it is useful and suitable for publication. I recommend accepting it as it is.