



### REVIEWER'S REPORT

Manuscript No.: IJAR-56408

Title: "Treatment of localized gingival recession using Vestibular Incision Sub periosteal Tunnel Access Technique in conjunction with albumin Platelet Rich fibrin"

- 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*

#### **Strengths of the Study**

- The study addresses an important clinical issue in periodontology, evaluating innovative regenerative approaches for gingival recession.
- The research compares a novel biological material (Alb-PRF) with the gold standard (DFGG), contributing useful data to minimally invasive periodontal surgeries.
- The methodology includes randomized controlled trial design, enhancing internal validity.
- Outcomes are assessed at multiple time points, providing comprehensive longitudinal data.
- The study's focus on patient comfort and morbidity reduction adds valuable clinical relevance.
- The incorporation of detailed surgical procedures and postoperative care protocols strengthens reproducibility.

#### **Weaknesses of the Study**

- The sample size (30 patients) is relatively small, which may limit the statistical power and generalizability.
- The duration of follow-up (6 months) may not be sufficient to assess long-term stability of results.
- The study does not specify whether assessors were blinded, risking bias in clinical measurements.
- The statistical analysis, while described, could benefit from more detailed reporting of confidence intervals and effect sizes.
- Potential confounding factors such as plaque control beyond oral hygiene instructions are not thoroughly addressed.
- No mention of inter-examiner calibration or intra-examiner reliability for clinical measurements.
- The study does not explicitly report on patient-reported outcomes like pain or satisfaction.
- Minor typographical and grammatical errors are present, affecting readability.

#### **Reviewer Comments**

- The title accurately reflects the content but could be more concise. For example, "Treatment of Gingival Recession with VISTA and Alb-PRF: A Randomized Controlled Trial" may improve clarity.
- The abstract succinctly summarizes the study but should explicitly mention whether the trial was registered and whether assessors were blinded.

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- The introduction provides adequate background; however, a clearer statement of specific hypotheses and study objectives is recommended.
- The methodology is generally well described, but details about examiner calibration and blinding procedures are lacking.
- The choice of statistical tests is appropriate, but results should include confidence intervals for key outcomes.
- The results are presented clearly, but tables and figures should be of higher resolution with proper labels for better interpretability.
- The discussion accurately interprets findings, especially regarding the biological advantages of Alb-PRF over standard PRF.
- The conclusion appropriately reflects the data but could reinforce the need for larger, long-term studies.
- Ethical approval is mentioned, including the approval authority and clearance number; informed consent appears obtained.
- The manuscript contains minor language issues that require editing for clarity and flow.
- Figures 1 and 2 help visualize surgical procedures, but their resolution and labels could be improved for publication standards.