



ISSN NO. 2320-5407

ISSN(O): 2320-5407 | ISSN(P): 3107-4928

International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

REVIEWER'S REPORT

Manuscript No.: IJAR-57878

Title: DIGITAINER – PRECISION IN PRACTICE

Recommendation:

Accept after major revision

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

Reviewer's ID: JPR-198

Detailed Reviewer's Report

The manuscript presents an interesting application of CAD-CAM technology for pediatric space maintainers and demonstrates potential clinical usefulness. However, the evidence is limited to two short-term cases, and many conclusions are stronger than the data support. Significant revisions are required before the manuscript can be considered for publication.

Major Comments

- Study design is weak for publication as a case report.** Only two cases with a maximum follow-up of three months are presented, making it difficult to draw meaningful conclusions regarding effectiveness, durability, and long-term clinical performance.
- Lack of objective outcome measures.** Claims regarding superior aesthetics, comfort, patient satisfaction, reduced chairside time, and durability are not supported by validated measurements, questionnaires, or quantitative data.
- Methodology requires greater detail.** The CAD software, scanner specifications, milling system, PMMA material brand, design parameters, and fabrication workflow should be clearly described to allow reproducibility.

REVIEWER'S REPORT

4. **Inconsistency in impression/scanning workflow.** The manuscript states both cast scanning and intraoral scanning; the exact digital workflow needs clarification.
5. **No comparison with conventional appliances.** The discussion repeatedly claims advantages over stainless-steel space maintainers, but no direct clinical comparison was performed.
6. **Follow-up period is inadequate.** Space maintainers are typically evaluated over much longer periods; three months is insufficient to assess fracture risk, wear, retention, periodontal health, or space maintenance success.

Minor Comments

1. The manuscript requires substantial English language editing and grammatical correction.
2. The term “**Digitainer**” should be clearly defined and justified early in the manuscript.
3. Several formatting issues exist, including spacing, punctuation, capitalization, and sentence structure.
4. Figure legends and clinical photographs should be properly labeled and referenced within the text.
5. Some discussion statements are repetitive and can be shortened.
6. The conclusion overstates the findings considering the limited evidence provided by two clinical cases.
7. References should be checked for consistency and journal formatting requirements.