

REVIEWER'S REPORT

Manuscript No.: IJAR-58930

Title: Use of Mineral Trioxide Aggregate for the Endodontic Management of an Oblique Root Fracture in a Permanent Maxillary Central Incisor: A 15 Month Follow-up, 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 deals with a rare and clinically challenging dental injury
- The diagnostic difficulty is clearly described
- CBCT helped establish the final fracture pattern
- Conservative management allowed preservation of the tooth
- The use of flexible splinting follows IADT recommendations
- Clinical and radiographic follow-up is presented
- The figures support the clinical findings and treatment steps
- The case has practical value for pediatric dental trauma management

Weakness of the study:

- It is a single case and cannot establish treatment predictability
- The timing of CBCT diagnosis could be discussed more critically
- The indication for MTA obturation needs clearer justification
- Long term outcome is limited to one patient
- The follow-up duration is inconsistent in the manuscript
- Ethical approval or exemption is not reported
- Written consent for publication and clinical photographs is not mentioned
- Grammar, punctuation and formatting require correction
- The conclusion makes a strong statement based on one case

Reviewers Comments:

This case report describes an unusual oblique root fracture in an immature permanent maxillary central incisor and highlights the difficulty of diagnosis using conventional radiographs. The use of CBCT after persistent bleeding, mobility and increased periodontal probing depth is clinically relevant, and the successful preservation of the tooth is a positive outcome. However, there is an important inconsistency in the reported follow-up period. The title and abstract state 15 months, while the conclusion mentions 12 months, which should be corrected throughout the manuscript. Ethical clearance is not mentioned, and the authors should clearly state the ethical status of the case and confirm written consent from the child's parent or guardian for treatment and publication of clinical photographs. The manuscript also contains several grammar, punctuation and formatting errors. The limitations of a single case should be stated more clearly, and the claim that MTA is a predictable treatment should be presented more cautiously. Overall, the case is interesting and clinically useful but needs revision.

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Previously Published anywhere/Plagiarism check:

No clear evidence of previous publication or duplicate reporting is apparent from the submitted manuscript. The case appears to describe an individual clinical experience with supporting references to IADT guidelines. However, a formal plagiarism and similarity check should be completed before publication. The authors should also confirm that the case and accompanying clinical images have not been published elsewhere.