



### REVIEWER'S REPORT

Manuscript No.: IJAR-50871

Date: 02/04/25

**Title:** AN INTEGRATED ORTHO-PROSTHO APPROACH FOR MANAGEMENT OF SUPRAERUPTED PREMOLAR: A CASE REPORT

**Recommendation:**

- Accept as it is .....
- Accept after minor revision..... Yes .....
- Accept after major revision .....
- Do not accept (*Reasons below*) .....

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

Reviewer Name: Dr. Sireesha Kuruganti

Date: 02/04/25

**Reviewer's Comment for Publication.**

*(To be published with the manuscript in the journal)*

*The reviewer is requested to provide a brief comment (3-4 lines) highlighting the significance, strengths, or key insights of the manuscript. This comment will be Displayed in the journal publication alongside with the reviewers name.*

The case report is well-organized and clinically relevant.

The interdisciplinary approach is well-explained.

The discussion is supported by relevant literature.

### *Detailed Reviewer's Report*

#### General Overview

The manuscript presents a well-structured case report on managing a supraerupted premolar through an interdisciplinary approach involving orthodontics and prosthodontics. The topic is relevant to dental professionals, and the case study provides valuable insights. However, certain areas require improvement in clarity, grammar, structure, and scientific rigor.

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Detailed Review

### 1. Title (Lines 4-6)

The title is clear but could be more concise. Consider rewording:

Suggested Title: "Interdisciplinary Management of a Supraerupted Premolar: A Case Report"

### 2. Abstract (Lines 9-20)

Line 10-13: The sentence "The longer the replacement of missing teeth is delayed, the more challenging it becomes for the prosthodontist to rehabilitate both functionally and aesthetically."

Reword for better readability:

"Delayed replacement of missing teeth complicates both functional and aesthetic prosthodontic rehabilitation."

Line 14-19:

The abstract mentions "Various Orthodontic techniques" but does not specify which techniques are used in this case. Consider briefly mentioning "intrusion using Temporary Anchorage Devices (TADs)" to improve clarity.

Line 17: "This article aims to highlight..."

Replace "highlight" with "demonstrate" for a more formal tone.

### 3. Introduction (Lines 21-39)

Lines 24-26: The phrase "Missing teeth for a prolonged period of time which have not been prosthetically restored leads to a range of complications" is wordy.

Suggested revision: "Prolonged edentulism without prosthetic restoration can cause complications such as supraeruption, drifting, and reduced masticatory efficiency."

Lines 27-30:

The citation format for Petridis et al. and Rosenstiel et al. is inconsistent. Ensure proper in-text citation placement.

Line 36-39: The aim of the article should be clearer.

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Suggested revision: "This article illustrates how integrating orthodontic and prosthodontic techniques can optimize both functional and aesthetic outcomes in complex dental rehabilitation."

### 4. Case Report (Lines 42-67)

Line 43: "A 27 years old male" → "A 27-year-old male" (grammatical correction)

Lines 48-50: The timeline is unclear.

Suggest specifying: "The patient had extractions 9 years ago but did not seek prosthetic intervention, leading to supraeruption over time."

Lines 54-56: Treatment options are well explained, but mentioning why extraction was avoided would strengthen the rationale.

Lines 59-61: The size of the TADs is mentioned (1.5x8mm, 2x6mm). Consider explaining why these specific sizes were chosen.

Line 67: "Figure 6" should be placed closer to its relevant description.

### 5. Discussion (Lines 94-127)

Line 95: The phrase "Supraeruption is the excessive eruption of teeth beyond the normal occlusal plane, is a commonly observed phenomenon" has redundancy.

Suggested revision: "Supraeruption, the excessive eruption of teeth beyond the occlusal plane, is a common clinical finding."

Lines 101-102:

Typo: "ths loss" → "the loss"

Lines 106-107: The classification of supraeruption should include a reference for clarity.

Line 113-116:

Reword for clarity: "Intentional endodontic therapy for supraerupted teeth can weaken the tooth structure due to moisture and collagen loss, increasing fracture risk. Moreover, restoring such teeth with full crowns may be challenging due to reduced clinical crown height."

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Lines 121-126: The explanation of prosthodontic options is good, but it would be helpful to mention the long-term prognosis of each option.

### 6. Conclusion (Lines 128-134)

Lines 129-131: The sentence "Combining both disciplines allows for a more comprehensive treatment plan that addresses both the functional and aesthetic aspects of a patient's dental health." could be more impactful.

Suggested revision: "An interdisciplinary approach ensures a holistic treatment plan, optimizing both function and aesthetics for complex dental cases."

### 7. References (Lines 137-177)

The references are relevant, but citation formatting is inconsistent. Ensure uniformity in numbering and style (e.g., journal names in italics or bold where required).

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### Overall Comments & Suggestions

#### ✓ Strengths:

The case report is well-organized and clinically relevant.

The interdisciplinary approach is well-explained.

The discussion is supported by relevant literature.

#### □ Areas for Improvement:

Grammar and sentence clarity need refinement.

Some details, such as the rationale for TAD sizes, should be elaborated.

Formatting inconsistencies in citations should be addressed.