

## REVIEWER'S REPORT

Manuscript No.: IJAR-53920

Date: 20-09-2025

**Title: APPLICATION OF CBCT IN DENTAL IMAGING IN THE FIELD OF PROSTHODONTICS: A REVIEW**

### 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.Aamina.

### Reviewer's Comment for Publication.

#### Overall Evaluation

This review article provides a thorough and well-organized overview of Cone Beam Computed Tomography (CBCT) and its applications in prosthodontics. It effectively covers CBCT principles, components, advantages, limitations, and detailed protocols for implant planning and surgical guide fabrication. The manuscript is timely, as CBCT is increasingly critical in modern dental imaging and treatment planning.

#### Strengths

- Comprehensive scope: explains fundamental principles, clinical applications, and advanced protocols.
- Well-cited with a broad range of up-to-date references that support clinical relevance.
- Logical flow from basic concepts to practical applications such as virtual implant planning.

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### Suggestions for Minor Revision

1. **Language & Grammar** – Correct minor typographical issues (e.g., inconsistent spacing, occasional missing punctuation, and superfluous capitalizations).
2. **Formatting of References** – Ensure consistent citation style (e.g., spacing between author names, journal titles, and volume/issue numbers). Some references need standardization to the journal's required format.
3. **Figures/Tables** – Table 1 (Advantages and Limitations of CBCT) is mentioned but not presented clearly. Include or properly format it for clarity.
4. **Abstract** – Consider shortening and focusing the abstract to emphasize key conclusions rather than repeating background details.
5. **Conclusion** – While the conclusion summarizes the clinical utility well, add a brief note on future research directions or emerging technologies to strengthen the paper's forward-looking perspective.