

REVIEWER'S REPORT

Manuscript No.: JNHM-164

Title: A Critical Review of Abutment and Prosthetic Screw Failure in Implant-Supported Restorations

Recommendation:

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

Reviewer Name: Dr S. K. Nath

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

Detailed Reviewer's Report

Strength of the study:

- Relevant and clinically important prosthodontic topic
- Covers major causes of screw loosening and fracture
- Good discussion of preload and settling effect
- Includes prosthetic, occlusal and implant-related factors
- Recent literature has been incorporated
- Clinical prevention and management are discussed
- References include systematic reviews and clinical studies
- Limitations of current evidence are acknowledged

Weakness of the study:

- Review methodology needs clearer selection and appraisal criteria
- Several section numbers and headings are missing or inconsistent
- Some sections appear incomplete or abruptly interrupted
- In-text citations extend beyond the listed references
- Some statements are repeated across different sections
- Clinical evidence is limited but sometimes presented broadly
- Grammar, spacing and formatting require careful editing
- Figures should be checked for scientific accuracy and consistency

Reviewers Comments:

The manuscript provides a comprehensive narrative review of abutment and prosthetic screw complications in implant-supported restorations. It covers important factors including preload, settling effect, connection design, prosthetic fit, implant angulation, occlusal loading, parafunction, screw material and management of loosening and fracture. As this is a literature-based review without primary human or animal data, ethical clearance is not applicable. However, major revision is required. The literature search strategy is described, but the method of study selection and critical appraisal should be presented more systematically. There are substantial internal formatting problems, including incomplete or inconsistent section numbering and abrupt transitions between sections. More importantly, several in-text citations refer to numbers beyond the 38 references listed at the end, which requires careful verification. Some statements should also be supported more directly by clinical evidence rather than laboratory findings. Grammar, sentence construction, spacing and reference formatting need thorough editing. Overall, the topic is useful and the review contains substantial relevant information, but considerable editorial and scientific clarification is needed before publication.

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Previously Published anywhere/Plagiarism check:

An exact title search did not identify the same publication. However, closely related narrative and systematic reviews on implant screw loosening, abutment screw complications, preload, connection design and mechanical risk factors have already been published. A recent 2026 narrative review specifically addresses medium- and long-term clinical evidence on implant screw loosening. ([DOI][1]) The present manuscript has a broader scope, but its novelty should be clearly established. A formal similarity check is recommended before publication.

[1]: https://doi.org/10.3390/app16126253?utm_source=chatgpt.com "Implant Screw Loosening: A Narrative Review of Medium- and Long-Term Clinical Evidence"