

REVIEWER'S REPORT

Manuscript No.: IJAR-52487

Date: 27-06-2025

Title: Management of Peri-Implantitis: A Literature Review on Diagnosis, Therapy, and Long-Term Maintenance

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.

General Assessment:

This manuscript presents a comprehensive and scholarly review of peri-implantitis—a critical complication in dental implantology. The review is well-structured, evidence-based, and reflects an up-to-date understanding of the diagnostic modalities, treatment strategies, and maintenance protocols associated with peri-implantitis. The language is academic and precise, and the work is highly relevant to clinicians, researchers, and students in periodontology, oral implantology, and restorative dentistry.

Abstract Evaluation:

The abstract concisely encapsulates the key components of the review. It clearly outlines the disease context, prevalence, diagnostic tools, therapeutic strategies, and future directions. The

International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

REVIEWER'S REPORT

mention of both traditional and emerging modalities—such as Er:YAG lasers, photodynamic therapy, and AI-enhanced diagnostics—demonstrates the article's relevance to current advancements in the field. It also effectively highlights the multifactorial etiology and the importance of stage-specific management strategies.

The keywords are appropriate and enhance the visibility of the article across search platforms.

Introduction Evaluation:

The introduction is strong and informative. It successfully lays the foundation for the importance of the topic by referencing the historical success of dental implants and positioning peri-implantitis as a growing clinical concern. The writing is coherent and contextually grounded in recent literature. The reference to foundational studies (e.g., Pjetursson et al., Smeets et al.) indicates a well-researched background.

The rationale for the review is clearly stated, and the focus on diagnosis, treatment, and long-term management reflects a logical and practical framework that aligns with current clinical priorities.

Content Quality and Structure:

- Relevance:** The content is highly relevant to practitioners and researchers in dentistry. It presents a well-rounded view of peri-implantitis from a biological, diagnostic, and therapeutic standpoint.
- Comprehensiveness:** The manuscript is thorough in scope. It discusses multiple diagnostic modalities (clinical, radiographic, molecular), therapeutic approaches (mechanical, surgical, regenerative), and maintenance regimens (CIST, recall intervals, biofilm control).
- Scientific Rigor:** The review is well-supported by credible sources, with references to landmark studies and current technologies. The inclusion of both established and emerging technologies adds to the depth and timeliness of the paper.
- Clarity:** Technical terms are used appropriately and clearly. The paper is readable and maintains a formal academic tone throughout.

International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

REVIEWER'S REPORT

Contribution to the Field:

This review provides an important synthesis of current knowledge and clinical strategies concerning peri-implantitis. It bridges conventional protocols with innovative advances and highlights the importance of long-term care. The integration of preventive strategies into the therapeutic continuum enhances the manuscript's value for clinical implementation and patient care optimization.
