

REVIEWER'S REPORT

Manuscript No.: IJAR-55258

Title: Regenerative Dentistry – Updates and Upcoming Trends

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: Sakshi Jaju

Reviewer's Comment for Publication.

This review article discusses recent advances and future trends in regenerative dentistry. It covers the role of dental stem cells, biomaterials, growth factors, platelet concentrates, hydrogels, and advanced technologies such as 3D bioprinting, exosomes, and artificial intelligence. The article highlights applications in restorative dentistry, endodontics, and periodontics, and explains how regenerative approaches may replace traditional dental treatments in the future.

Strength:

1. Comprehensive and up-to-date review of regenerative dentistry
2. Well-structured sections covering multiple dental specialties
3. Strong literature support with recent references
4. Clear explanation of future and emerging trends

Weakness:

1. Very lengthy; content could be more concise
2. Some sections are highly technical and may be difficult for beginners
3. Limited critical comparison of regenerative methods versus conventional treatments

Overall assessment:

This is a well-written and informative review article that provides a broad overview of current and upcoming developments in regenerative dentistry. It is useful for students, clinicians, and researchers. Suitable for publication with minor editing to improve clarity and brevity.

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