

REVIEWER'S REPORT

Manuscript No.: IJAR-58919

Title: Non Fluoridated Remineralising Agents: 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 S. K. Nath

Detailed Reviewer's Report

Strength of the study:

- The topic is relevant to preventive and pediatric dentistry
- The manuscript covers a wide range of remineralising agents
- Calcium phosphate based systems are explained clearly
- Emerging biomimetic approaches are included
- Nanotechnology based materials are discussed
- Biofilm modifying approaches are also considered
- The review explains basic remineralization mechanisms
- Future research directions are presented clearly

Weakness of the study:

- The review lacks a clearly defined systematic search strategy
- Selection and exclusion criteria for references are not provided
- Evidence quality is not critically assessed
- Several claims are stronger than the supporting evidence
- Some emerging approaches have limited clinical evidence
- Calcium fluoride nanoparticles do not fit the non fluoridated title
- Clinical effectiveness is not adequately compared between agents
- Grammar, spacing and formatting require substantial correction

Reviewers Comments:

The manuscript provides a broad overview of non fluoridated remineralising agents and covers calcium phosphate systems, nanomaterials, biomimetic approaches, biofilm modifiers and emerging technologies. The topic is relevant, particularly for early caries management and pediatric dentistry. The classification and explanation of mechanisms are useful for readers. However, the manuscript is largely descriptive and does not critically evaluate the quality of available evidence. The literature search process is not described in sufficient detail, and clear inclusion or exclusion criteria are absent. Some claims regarding clinical effectiveness appear stronger than the evidence presented. The inclusion of calcium fluoride nanoparticles also appears inconsistent with the stated focus on non fluoridated agents. Ethical clearance is not required for a literature review without human participants. The writing contains frequent grammar, spacing, punctuation and formatting problems that need careful editing. Overall, the manuscript has useful educational value but requires substantial scientific and editorial improvement before publication.

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Previously Published anywhere/Plagiarism check:

No clear evidence of duplicate publication can be established from the manuscript alone. The article is presented as a review and includes references to earlier literature. A formal plagiarism and similarity check should be performed by the journal before acceptance. The authors should also confirm that the manuscript has not been published previously and ensure that all borrowed ideas and material are appropriately referenced.