**Title:** Latest developments in non-fluoridated remineralizing technologies: A review.

**Abstract:**

Aim: The goal of modern dentistry is to manage non-cavitated carious lesions non-invasively through remineralization in an attempt to prevent disease progression, and to improve strength, esthetics, and function of teeth.

Background: Minimal intervention is a key phrase in today's dental practice. Minimal intervention dentistry (MID) focuses on the least invasive treatment options possible in order to minimize tissue loss and patient discomfort, concentrating mainly on prevention and early intervention of caries. The emphasis currently is being given to new technologies for enamel remineralization which suggest the changes in the understanding of dental caries advocating a biological or therapeutic approach rather than the traditional surgical approach for early surface lesions. One of the key elements of a biological approach is the usage and application of remineralizing agents to tooth structure (enamel and dentin lesions). A search of articles from "Pubmed" and "Medline" with the keywords Remineralization-demineralization, Casein derivatives, Non-fluoridated remineralizing agents was conducted. This article details the various agents that enhance and/or promote remineralization and discusses their clinical implications.

Conclusion: These agents are part of a new era of dentistry aimed at controlling the demineralization/ remineralization cycle, depending upon the microenvironment around the tooth.

**Keywords:** non-Fluoridated remineralising agents-remineralisation-demineralisation

**Presentation:** Poster