

عنوان مقاله:

Investigation of restorative, anti-inflammatory and tooth-relieving nanoparticles

محل انتشار:

سومین کنفرانس بین المللی پژوهش ها و دستاوردهای نو در علوم، مهندسی و فناوری های نوین (سال: 1402)

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خلاصه مقاله:

Many researches have pointed to the widespread use of medical nanosystems in various fields of dentistry such as prevention, early warning, care, tissue regeneration and restoration. The development of oral medicine nanosystems for individual prevention to ensure high quality bacterial coexistence and oral health is significant. Nanomaterials in oral cosmetics are used in toothpaste and other mouthwashes to improve oral health care performance. These processes cover nanoparticles and nanoparticle-based materials, especially application areas related to biofilm management in caries and periodontology. Likewise, nanoparticles have been incorporated into diverse products to care for enamel remineralization and tooth hypersensitivity. This review summarizes the indications and applications of nanoparticles widely used in the field of dentistry and describes the potential clinical application of nanoparticles as antimicrobial, anti-inflammatory and mineral agents in the prevention of tooth decay, hypersensitivity and periodontitis. In this project, the investigation of compounds under the title of nano-restorative, anti-allergic, anti-climacter and anti-bacterial, anti-inflammatory and tooth-relieving, which is produced for all people who have various types of tooth pain or whose teeth are damaged, and those who have soft teeth from birth, and it is generally for tooth restoration and anti-inflammatory

کلمات کلیدی:

toothache, nanoparticles, anti-inflammatory, microbial agents

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