

BIOMIMETIC APPROACH IN RESTORATIVE PRACTICE: REDEFINING DENTISTRY

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ABSTRACT

Over the years restorative practice in dentistry has not just merely has taken a shift from conventional design to more conservative preparation to salvage healthy tooth but also travelled a road far in crafting out tooth mimicking like original. With the advent of technologies and recent material sciences tooth is not just restored to meet out the functions but also much needed esthetic demands. Recent research in material sciences has just not met the physical appearance of the tooth but are at par to meet chemical, mechanical and structural properties similar to part of tooth which demands restoration and also facilitating its natural healing in this process. This is where “Biomimetics” steps in. Such materials owing ‘closer to nature’ property play an important role in current restorative dentistry. This article aims to review such biomimetic materials and their approach in redefining restorative dentistry.

KEYWORDS: *Biomimetics, Biomimetic Materials & Restorative Dentistry*

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