

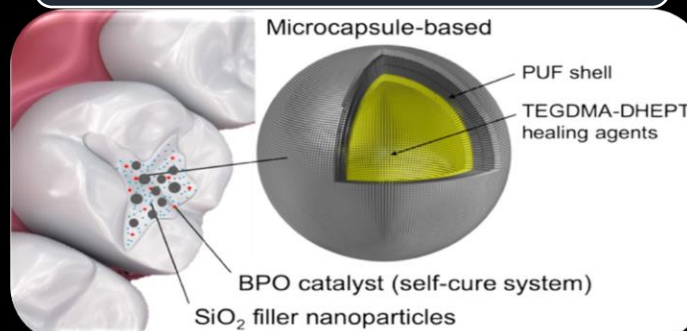
BEAUTY THAT LASTS: UNLOCKING THE SECRETS OF DURABLE AESTHETIC RESTORATIONS

BAIR TECHNIQUE



Encircling matrix band gently repositions soft tissues apically ensuring direct access to the subgingival portion of the anterior tooth.

SELF HEALING COMPOSITES



Incorporation of microcapsules with healing agents(Grubbs Catalyst) that activate upon encountering cracks, thereby enabling automatic fracture repair.

SNOWPLOW TECHNIQUE



Application of a thin layer of uncured flowable composite is followed by a condensation of layer of packable composite on top, which are both light cured simultaneously.

WALLPAPERING TECHNIQUE



Reinforcing composite resin restoration with ultra-high molecular weight polyethylene ribbons enhances strength and crack resistance.

SMART COMPOSITES



They are high tech materials , also called as “responsive materials” as they have the inherent capability to sense , adapt and react according to changes in the environment such as pH,temp, stress,moisture ,electric & magnetic fields.

DEEP MARGINAL ACQUISITION



Elevating the cavity margin to a supragingival level by using a modified circumferential matrix, is beneficial when preparing for full crowns, direct & indirect restorations.

- SHEIKH M, MADHU PP, RECHE A. Prospects and Future Scope of Self-healing Composites. Journal of Clinical & Diagnostic Research. 2024 Feb 1;18(2)
- Ölçer Us Y, Aydınoglu A, Erşahan Ş, Erdem Hepşenoğlu Y, Sağır K, Üşümez A. A comparison of the effects of incremental and snowplow techniques on the mechanical properties of composite restorations. Australian Dental Journal. 2024 Mar;69(1):40-8