

Let's Grow Tooth... Excellent Clinical Dentistry Using Bioactive/Regenerative Materials

Ever had a patient say “Doc, that tooth was never a problem until you fixed it”? Let's stop the madness. Wouldn't it be wonderful if we could make the tooth grow? With newer regenerative/bioactive materials we can stimulate dentin healing and self-repair in our direct and indirect restorations all while reducing sensitivity. These materials promote oral health by decreasing plaque, reduce bacterial accumulation, or promote cells to cause regeneration of tissues.

We will learn indications for newer liners, bases, cements, and restorative materials that encourage dentin repair, lessen sensitivity, and promote a healthier oral environment. We will apply these newer materials in our direct composite restorations while exploring matrix systems for predictable, tight, well contoured contacts and methods for efficient restorative dentistry. We will also explore regenerative materials for dentin replacement and cementation of durable esthetic indirect restorations like lithium disilicate and zirconia to reduce post operative problems and increase clinical success. We will learn how to do it right the first time and to make the practice more enjoyable and efficient.

Learning Objectives:

- • The latest in regenerative materials such as dentin liners for dentin sealing, pulp capping, and thermal insulation for increased comfort and restoration success.
- • The regenerative environment....why, how, and what materials.
- • Cementation and infrastructure for zirconia and lithium disilicate crowns with materials that

promote dentin formation and sealing of the restoration margins.
- • Efficient direct composite placement – preparation, bonding, matrix selection, bulk fill and

bioactive materials for long term oral health. “Re-chargeable” composites.
- • Increasing efficiency in direct composite placement and indirect restorations.
- • The latest in “Gotta-have” materials to increase office efficiency and practice enjoyment.