Better, faster, stronger, prettier direct composites with injection molding

DAVID CLARK, DDS

Dr. Clark is the co-director of Bioclear Learning Centers International. He founded the Academy of Microscope Enhanced Dentistry and developed the Bioclear Matrix System for the placement of biologically appropriate and esthetically pleasing direct composite restorations. The Clark Class I and II preparations are currently being evaluated in seven in vitro studies and Dr. Clark is preparing a long-term clinical outcome study. Dr. Clark owns several US patents, creates curricula for dental schools, has lectured in 25 countries, and has published the first guide to dentinal and enamel crack based on use of a clinical microscope.

COURSE OUTLINE

Ceramic restorations have long been considered the best choice for predictable aesthetics and longevity. Bonding has been regarded as a short-term solution that can be both technically challenging and aesthetically unpredictable. The injection molding technique with ultra-thin Bioclear anatomic tooth forms has created a third option for monolithic restorations that can endure and sparkle for decades.

Anterior solutions: Dr. Clark will present the restorative possibilities that modern direct composite offers. Learn about solid contacts, strong rounded composite embrasures, simplified colour matching, and the creation of sparkling, stain and wear-resistant composite restorations that can rival porcelain.

Posterior solutions: There is no need for GV Black-style preparations in the modern world of adhesive materials, but a standardized preparation has been lacking until now. The Clark Class II is a compression joint-based, double serpentine, infinity edge preparation that is now being taught in some dental schools. This modern prep requires injection molding with heated flowable and paste bulk fill composite to achieve a monolithic, strong restoration.

COURSE OBJECTIVES

Course participants will learn about:

- Current research supporting the Bioclear Method
- Modern translucent matrixing, modern wedges, and separators
- Deep Class II and Class III restorations leveraging selective caries removal, radius bevel design, injection molding basics and the 3-step Rock Star Polish.
- The new Black Triangle Treatment System. It offers a simplified treatment of maxillary black triangles with monolithic injection overmolding to rejuvenate the aging and post-ortho tooth.
- Quadrant treatment of Class II composites.

“This course makes direct composite restorations easy and predictable. I cannot imagine practicing without it!” – Arthur Volker, DDS

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