Layering techniques for aesthetic anterior composite restorations

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In this practical hands-on course, participants learn how to perform a polychromatically layered, highly aesthetic anterior composite restoration for fractured or carious incisors. Special attention will be given to multi-layered and multi-colored aesthetic restorative techniques using different translucencies and shades. Course includes a brief lecture and instructional hands-on demonstration of aesthetic anterior composite restorations. Tips and tricks to create the perfect macro- and micro-texture for natural light reflections from the restoration surface will be shown in detail. The ultimate goal is to achieve a highly esthetic and invisible restoration. The latest advances in adhesive and restorative materials have led to the use less invasive treatment modalities to yield highly aesthetic and durable restorations. Mastering anterior direct composite restorations is a necessity for the contemporary clinician who appreciates and understands the art and science of cosmetic dentistry. Natural dentin and enamel vary in thickness, color and morphology; hence, requiring the use of composite formulations that are optically similar to each layer, and sculpting these materials in such a way that replicates the morphology of each anatomical feature being restored. Early brands of composite offered only body shades and appeared dull and dense, contemporary materials offer an expanded range of shades and varying opacities designed specifically for layering of direct restorations. However, the creation of naturally looking restorations can be quite a challenge for clinicians. Learning objectives of this course are: Understanding the color and aesthetics of modern composites; simplified techniques for direct layering of composites; anatomical build-up techniques to restore the tooth shape and; finishing and polishing techniques to create natural tooth like appearance.

Biography

Mayyadah Hamzah AlMozainy is a Lecturer in Department of Restorative Dentistry at Dental College-King Saud University, Riyadh, Saudi Arabia. She has completed her Bachelor Degree in 2008 and Master’s Degree in 2012 at King Saud University.

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