

Advanced composite restoration techniques: Anterior and posterior restorations & tooth Wear management

HANDS-ON TRAINING



Dr Andrew Carragher, UK

28CE
Credits



DATE:

05-08 Dec 2024, 09:00 - 18:00



LOCATION:

Dubai | UAE



TARGET AUDIENCE:

General Dentistry, Cosmetic Dentistry, Prosthodontics, Restorative Dentistry

DAY 1

Abstract

This comprehensive course on anterior composite restoration provides in-depth knowledge and hands-on training, focusing on key techniques for achieving superior aesthetic and functional results. Participants will gain expertise in Rubber Dam Isolation, understanding Anterior Tooth Anatomy, and mastering the processes of Bevels & Bonding as well as creating precise Line Angles. The practical sessions will cover critical skills such as Quadrant Isolation with a Rubber Dam, Class III and Class IV Restorations with polychromatic build-up, and step-by-step protocols for finishing and polishing anterior composites. Additionally, advanced techniques such as Incisal Staining and veneer refinements will be demonstrated to enhance participants' capabilities in direct composite veneers.

A detailed Finishing & Polishing protocol will be shared to optimise the final composite restoration.

Agenda

08:30 – 09:00	Registration
09:00 – 11:00	Lecture Current concepts with Dental Adhesives Importance of Rubber Dam: Don't like using rubber dam? it's quick and so important for optimal bonding! Learn how to use it
11:00 – 11:30	Coffee Break
11:30 – 13:00	Lecture Anterior tooth anatomy -revisited: importance of line angles Hands-on 1. Class III restorations with rubber dam isolation anterior quadrant
13:00 – 14:00	Lunch
14:00 – 15:30	Hands-on 2. Canine guidance: how to predictably restore?
15:30 – 17:00	Hands-on 3. Class V restorations: let's stop them debonding?
17:00 – 17:30	Discussion and Q&A

DAY 2

Abstract

This specialized course focuses on the advanced techniques involved in Direct Composite Veneers, offering dental professionals the opportunity to refine their skills in anterior restorations. Participants will explore key concepts such as anatomy refinement in composite veneers, mastering direct stratification techniques, and perfecting the finishing and polishing protocols for anterior composites. The hands-on practical sessions will provide immersive experiences, allowing participants to practice composite veneer applications on phantom heads using anterior layering techniques. By the end of the course, attendees will have a deeper understanding of creating natural, aesthetic restorations and will be equipped with the latest skills to achieve high-quality outcomes.

Agenda

08:30 – 09:00	Registration
09:00 – 11:30	Lecture Focus on anatomy Hands-on 1. Direct labial veneer: performed on upper central incisors – Importance of balance, tooth form
11:30 – 13:00	Hands-on exercise continues
13:00 – 14:00	Lunch
14:00 – 17:00	Hands-on 2. Class IV restoration: Use of a putty index – Stains and effects
17:00 – 17:30	Discussion and Q&A

DAY 3

Abstract

This course provides a comprehensive understanding of Posterior Composite Restorations, focusing on essential techniques and considerations for achieving natural-looking results. Participants will learn the anatomy of posterior teeth, the stamp technique, and advanced layering techniques such as successive cusp build-up, deep sculpt, and bulk fill. The course covers the application of flowable composites, chemical-cured composites, and the appropriate use of matrices and sectional matrix techniques. Through hands-on practice on phantom heads, participants will refine their skills in creating high-quality Class I and II posterior restorations, ensuring both functionality and aesthetics in clinical applications.

Agenda

08:30 – 09:00	Registration
09:00 – 11:00	Lecture Anatomy of Posterior Teeth – re-visited Importance of flowable composite? Hands-on 1. The Stamp technique
11:00 – 11:30	Coffee Break
11:30 – 13:00	Hands-on 2. Deep sculpting
13:00 – 14:00	Lunch
14:00 – 17:00	Hands-on 3. Bulk fill CLASS II Restorations: Perfect tight contacts with ideal emergence profile using sectional matrices 4. Successive cusp techniques
17:00 – 17:30	Discussion and Q&A

DAY 4

Abstract

Tooth wear is a very common and challenging problem in modern dentistry. This one-day course will look at the diagnosis, aetiology and management of localised and generalised tooth wear. It will focus on minimally invasive techniques using adhesive dentistry, and composite to build up the worn dentition. The aim is to give dentists confidence when treating complex wear cases, so they can achieve a predictable aesthetic and functional result.

Agenda

08:30 – 09:00	Registration
09:00 – 11:00	Lecture Examination, stabilisation and maintenance Palatal Wear Cases, Dahl appliance Creating occlusal plans Study casts and articulator selection Conformative vs reorganised approaches to restoration Diagnostic Waxing, prototype restorations and build-up guides
11:00 – 11:30	Coffee Break
11:30 – 13:00	Hands-on 1. Restoration of Upper 3 – 3 The majority of the day will be spent meticulously restoring 6 upper anterior teeth using composite in a simulated wear situation. A putty index will be used to control this exercise
13:00 – 14:00	Lunch
14:00 – 17:00	Hands-on 2. Restoring canine guidance
17:00 – 17:30	Discussion and Q&A

Registration & Pricing



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