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The Adhesive Advantage: Onlays + Overlays



12th and 13th of September
(Saturday & Sunday)



8AM - 5:30PM



Havelock 2, 2 Havelock Rd
#04-25, S059763
@ Synergy Room



CPE Points to come



\$1,700 20-day special launch price till 13th June 2026

\$1,800 Earlybird Pricing from 14th June - 31st July 2026
(U.P. \$1,900)



Dr. Sam Koh

International Cosmetic Dentist
& Clinical Advisor



Dr. Caitlyn Tan

Founder of BONDED Malaysia



ONLY 25 SEATS AVAILABLE



Scan here to register

The course fee includes complimentary polishing bur kits, complete with full sets of finishing and polishing burs for participants to take home after the course. During the hands-on sessions, participants will also be provided with typodont models, 3D-printed models, and 3D-printed onlays for training and practice.



More Information
www.rda.com.sg



Email us
enquiry@rda.com.sg



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Course Synopsis

Master the Large Posterior Restoration – Indirect Onlays and Direct Overlays

In this intensive 2-day hands-on masterclass, learn how to tackle all large posterior restorations with Dr Koh and Dr Tan's truly unique blend of biomimetics and aesthetics.

Learn real-world insights beyond what is readily-available in textbooks and articles. Learn how to critically evaluate a broken-down posterior tooth and make rapid decisions about the treatment required, when to choose direct or indirect, practical and biomimetic preparation design principles and how to clinically apply this simply in an efficient manner for your patients.

The newest concepts and clinical steps surrounding posterior build-up philosophies and onlay preparation and tooth treatments will be discussed, such as the ultra-efficient horizontal layering method for composites, DME and IDS.

Over 2 days, this course will help de-clutter and unpack the complexities and confusion many dentists face when managing what can often feel like a difficult or complicated clinical situation- treating a tooth requiring a large full-coverage restoration. Learn why it is easier to onlay rather than crown!

With the majority of the course dedicated to hands-on, you will not only learn, but practice how to create beautiful large composite overlay and indirect onlay restorations. Each participant will complete both direct anatomical full-cuspal coverage build-ups as well as indirect onlay preparations from design + preparation, to insert of indirect onlays.

Refund: Participants may withdraw from a course by providing at least 7 days' notice prior to the commencement date. Refunds will be processed within 1-2 weeks. A full refund will not be granted if the participant fails to notify Royce Dental Academy at least 7 working days before the course commencement date.

Disclaimer: Royce Dental Academy reserves the right to cancel, postpone, or modify the announced course content, limit enrolment, or change the location, time, date, or speaker due to unforeseen circumstances. We will notify participants within 3 working days upon becoming aware of any changes or cancellation of the course.



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Course Outline

Day 1

08 AM Registration

09 AM - 09:30 AM Morning Tea

 **AM Session - Theory**

Introduction to Direct Posterior Restorations

- 5 steps to simplify any posterior composite build-up
- Decision tree - direct/indirect, design principles, tooth structure assessment (structural analysis, cracks), comparing minimally invasive vs. necessarily invasive
- Posterior tooth anatomy
- Isolation
- Novel and biomimetic HLC - Horizontal Layering Concept
- DME, predictable tight contacts, broken down build-up matrix approaches
- Polishing and retaining tooth anatomy

12 PM - 1 PM Lunch

 **PM Session - Theory + Hands-On**

- Posterior full coverage composite build-up

3 PM - 03:30 PM Afternoon Tea

By **Dr. Sam Koh**

International Cosmetic Dentist
& Clinical Advisor



Participants are kindly required to bring the following items for the course:

- (a) Loupes and headlight
- (b) Extracted molars (carious teeth would be especially beneficial)



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Course Outline

Day 2

08 AM Registration

09 AM - 09:30 AM Morning Tea

R.M. **AM Session - Theory**

Indirect onlays

- What is adhesive and biomimetic dentistry
- Maximising bond strengths in direct and indirect restorations
- Comparing minimally invasive vs. necessarily invasive
- The philosophy of retention form to adhesion
- Ceramic design guidelines
- Defect driven preps
- Surface optimisation
- Caries management
- Air abrasion
- Adhesive systems
- Optimising universal adhesives / working with what you have
- Immediate dentin sealing (IDS)
- Onlay cementation and temporisation

12 PM - 1 PM Lunch

P.M. **PM Session - Hands-On**

- Onlay preparation(s), temporisation techniques and cementation

3 PM - 03:30 PM Afternoon Tea

By **Dr. Sam Koh**

International Cosmetic Dentist
& Clinical Advisor

& **Dr. Caitlyn Tan**

Founder of
BONDED Malaysia



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Our Speakers



Dr Sam Koh

BDS Sc Melbourne (Hons)

International Cosmetic Dentist & Clinical Advisor

Dr Sam Koh is a world-renown Melbourne-based cosmetic dentist, lecturing and speaking both locally and overseas about cosmetic and restorative dentistry, digital dentistry and orthodontics.

Having lectured and personally taught to well over 2000 dentists from all over the world, he has also mentored over 25 dentists within his own clinics to take the next step in their dentistry. He therefore brings a wealth of in-depth knowledge in the space of teaching and mentoring others in the craft of dental cosmetics and restorative rehabilitation.

His unique teaching style offers insights well past those of just scientific literature and articles, offering clear, precise and practical steps in dentist's learnings so they are able to take away tips and insights to use straight away in their clinical practice. There is no fluff or padding – just genuine insights and every day learnings over his clinical experience, beyond just typical textbook and fundamental learnings.

Dr Koh is a KOL and clinical advisor for several dental companies past and present including Colgate Optic White, 3Shape, Straumann, Kerr and ClearCorrect.

Dr. Caitlyn Tan

Founder of BONDED Malaysia

Dr. Caitlyn Tan is the founder of BONDED Malaysia and a keen advocate for adhesive and biomimetic dentistry. A graduate of Manipal University, she subsequently pursued advanced training with the Alleman Center and BAARD Institute, and completed a post-grad implant residency with the Digital Dentistry Institute (USA).

She was awarded Fellow of the International Congress of Oral Implantologists (ICOI) and serves as a Key Opinion Leader for Straumann. As a Lecturer for Aquacare and Micerium, she is strongly committed to distilling clinical precision into actionable education, and regularly speaks at conferences and study clubs across the region.



Her zeal for lifelong learning sparked BONDED, a platform advancing minimally invasive dentistry through training, mentorship, and professional community. She practices at Penang Dental Surgery, focusing on restorative and implant dentistry.