

Organizer :



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Dental
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CDSHK Scientific Meeting 2025

Online Registration :
4 June 2025 – 6 July 2025
(Early Bird Deadline :
29 June 2025)

Theme: Future of Dentistry
Date: 26 – 27 July 2025 (Sat & Sun)
Venue: Hong Kong Academy of Medicine, 99 Wong Chuk Hang Road, Aberdeen,
Hong Kong

26 July 2025 (Sat)

AM Session (09:00 - 12:00)

Workshop I *Workshop I : Crafting Superior Direct Composite Resin Veneers:
A Comprehensive Guide*

By Prof LIM Tong Wah and Dr LEE Tse Kwan Lousia



Workshop II *Workshop II : Technical Tips and Tricks of Surgical
Wound Closure-Intermediate Course*

By Dr SO Cheuk Hang, Dr LAW Yee Hung and
Dr HO King Lun



Workshop III *Workshop III : Advanced Interdisciplinary Digital Strategies : When Orthodontics
Meets Prosthodontic Dentistry*

By Prof LAM Yu Hang and Dr LAU Yun Wah

PM Session (13:30 - 17:30)

Academic Forum

13:30 - 14:00 Registration

14:00 - 14:15 Welcome Remarks

14:15 - 15:15 *Lecture 1: Guided Endodontics*
(via online zoom platform)

Prof Dr Med. Dent. Thomas CONNERT
Department of Periodontology, Endodontology, Cariology,
University Center for Dental Medicine Basel UZE
University of Basel, Basel, Switzerland

15:15 - 15:30 Q&A Session

15:30 - 16:00 Tea Reception

16:00 - 16:45 *Lecture 2 : Technologies and AI in Medical Education*

Dr LUI Chun Tat
Censor-in-Chief
The Hong Kong College of Emergency Medicine

16:45 – 17:30 *Lecture 3: Digital Revolution in Orthodontics*

Dr HO Cheuk Hin
Senior Clinical Practitioner,
Faculty of Dentistry, The University of Hong Kong

27 July 2025 (Sun)
AM Session (08:30 - 13:00)

08:30 - 09:00	Registration
09:00 - 10:00	<i>Lecture 4 : Reimagining Postgraduate Medical Education: Beyond Behaviourism to Meaningful Learning</i> Dr SO Hing-yu Educationist Hong Kong Academy of Medicine Q&A Session
10:00 - 10:30	<i>Lecture 5 : The Pathway of Dental Specialist Training</i> Dr HO Fu Tak Education Facilitator, CDSHK

10:30 - 11:00 Tea Reception

11:00 - 12:00 *Brief Update on Curriculum Change in Specialist Training and Panel Discussion*

Dr SO Hing-yu
Educationist
Hong Kong Academy of Medicine

Dr HO Fu Tak
Education Facilitator, CDSHK

Dr CHENG Hung Wai Ronald
Chairman of the Specialty Board in Periodontology, CDSHK

Dr LIEW Cho Hwei Julianna
Chairperson of the Specialty Board in Oral & Maxillofacial Surgery, CDSHK

Dr WONG Tsz Leung
Chairman of the Specialty Board in Prosthodontics, CDSHK

12:00 - 13:00 *Lecture 6 : Your Future, Protected: Essential Dentolegal Advice for Early-Career Dentists*

Dr George WRIGHT
Deputy Dental Director/Dentolegal Consultant, Dental Protection

13:00 - 14:30 Lunch

PM Session (14:30 - 17:30)

14:30 - 15:45 *Lecture 7 : From HK to London: A Comparative Exploration of Periodontal Education*

Dr LIU Hin Nam
Fellow in Periodontology, CDSHK

Lecture 8 : Forging Excellence: My Inspiring Voyage in UW's Prosthodontic Realm

Dr YUEN Ha Ching
Fellow in Prosthodontics, CDSHK

15:45 - 16:15 Tea Reception

16:15 - 17:30 *Lecture 9 : Contemporary Management of Stage III & IV Periodontitis*

Dr FOK Tat Chuen
Fellow in Periodontology, CDSHK

Dr HO Ka Leong
Fellow in Periodontology, CDSHK

Closing

Format: Physical Only
Venue: Academic Forum - G/F, Hong Kong Academy of Medicine Jockey Club Building
 Workshop I, II & III – To be confirmed
Application: Online Registration and Payment only. (On-site registration is not available.)
CME/CPD Accreditation : To be confirmed

Registration Fees

Workshop (For dentists only): Limited attendance (registration on a first-come-first-served basis)

Workshops	26 July 2025 (Sat) Day Pass
Workshop I : Crafting Superior Direct Composite Resin Veneers : A Comprehensive Guide	(Early Bird) HK\$3,500 HK\$3,800
Workshop II : Technical Tips and Tricks of Surgical Wound Closure - Intermediate Course	(Early Bird) HK\$3,500 HK\$3,800
Workshop III : Advanced Interdisciplinary Digital Strategies : When Orthodontics Meets Prosthodontic Dentistry	(Early Bird) HK\$3,500 HK\$3,800

Academic Forum

Category	26 July 2025 (Sat) Day Pass (PM)	27 July 2025 (Sun) Day Pass (Lunch Inclusive)	2- Day Pass (Sat – Sun) (Lunch Inclusive)
CDSHK Fellow / Member (including Higher Trainee)	HK\$200	HK\$200	HK\$200
Basic Trainee	(Early Bird) HK\$300 HK\$550	HK\$700 HK\$950	HK\$900 HK\$1,150
Non-CDSHK Fellow or Non-CDSHK Member	(Early Bird) HK\$600 HK\$1,100	HK\$1,400 HK\$1,900	HK\$1,800 HK\$2,300

Cancellation Policy

50% of the registration fee will be refunded only if written cancellation (via email to cdshk_sm@cdshk.org) is received on or before 6 July 2025. There will be no refund for cancellation received thereafter.

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Synopses (26 July 2025, Saturday)

09:00 – 12:00

Workshop I : Crafting Superior Direct Composite Resin Veneers: A Comprehensive Guide

Prof LIM Tong Wah and Dr LEE Tse Kwan Lousia

As the demand for minimally invasive and aesthetic dentistry grows, patients' expectations are soaring. They consistently anticipate the finest aesthetics in dental restorations. Thus, with the advancement of dental technology and the wide variety of composite resin materials available today, the creation of natural-looking composite resin restorations has become more predictable than ever. The growing dependability of direct composite veneers has led to their recommendation as an aesthetic rehabilitation treatment and a minimally invasive alternative to restore patients' functionality and aesthetics. This workshop will delve into the intricate art and science of creating aesthetically pleasing, reliable, and long-lasting direct composite resin veneers.

Learning Objectives:

1. Explore case selection and treatment planning for composite veneer procedures.
2. Gain an understanding of shade selection, composite resin layering or single shade techniques, functional and smile analysis, and finishing and polishing protocols.
3. Understand the maintenance protocol for composite veneer cases.
4. Learn to execute the steps of layering (or single shade), finishing, and polishing direct composite veneers.

Workshop II : Technical Tips and Tricks of Surgical Wound Closure-Intermediate Course

Dr SO Cheuk Hang, Dr LAW Yee Hung and Dr HO King Lun

Mastering the art of surgical wound closure is a vital skill across all dental specialties, directly impacting healing outcomes and patient satisfaction. Precision in wound approximation minimizes post-operative complications and sets the foundation for successful surgical results. Building on the success of our inaugural wound closure workshop at the 2023 Scientific Meeting, this intermediate course offers an in-depth exploration of advanced suturing techniques and innovative tips to elevate your clinical practice.

Participants will revisit fundamental suturing principles, then delve into refined methods tailored for complex procedures such as ridge preservation, hard and soft tissue augmentation, and graft harvesting. Through live demonstrations and hands-on practice, you'll acquire the essential skills to optimize wound management and enhance healing in your most challenging cases. Elevate your surgical proficiency and ensure predictable, superior outcomes with this comprehensive course designed for clinicians committed to excellence.

Workshop III : Advanced Interdisciplinary Digital Strategies : When Orthodontics Meets Prosthodontic Dentistry

Prof LAM Yu Hang and Dr LAU Yun Wah

This workshop explores the integration of state-of-the-art digital technologies in orthodontics and prosthodontics to enhance the management of both routine and complex dental cases. Emphasizing interdisciplinary collaboration, participants will gain practical insights into implementing coordinated treatment planning and digital workflows to achieve superior clinical outcomes.

Hands-on training will cover:

- Image acquisition techniques and image analysis.
- Facial and smile analysis for aesthetic evaluations.
- Orthodontic and restorative space and archform assessments.
- multiple treatment simulation for orthodontic and restorative solutions.
- Designing and fabricating occlusal splints using advanced software and 3 D printer

Another key focus of the workshop is the management of temporomandibular disorders (TMD) through occlusal splint therapy. Participants will learn to use advanced design software and in-office 3D printing to fabricate customized splints.

Real-world case demonstrations will showcase the seamless collaboration between orthodontics and prosthodontics, highlighting innovative strategies for diagnosis, treatment design, and execution.

This workshop is particularly suitable for dental professionals looking to gain insights in leveraging digital tools for enhancing interdisciplinary case management in day to day and complex dental rehabilitation.

14:15 – 15:15 Lecture 1: Guided Endodontics (via online zoom platform)

Prof Dr Med. Dent. Thomas CONNERT

Luxation injuries and other stimuli may lead to a pulp canal obliteration (PCO). Even though the apposition of tertiary dentine is a sign of a vital pulp, in some cases root canal treatment is indicated in the long term due to apical periodontitis or pulpitis. Depending on the extent of PCO, root canal treatment may be challenging even for experienced and well-equipped endodontic specialists. The 'guided endodontics' (GE) technique was introduced 10 years ago as an alternative to conventional access cavity preparation for teeth with PCO and apical pathosis or irreversible pulpitis. Using three-dimensional radiological imaging such as cone-beam computed tomography and a digital surface scan, an optimal access to the orifice of the calcified root canal can be planned virtually with appropriate software. GE is implemented either with the help of templates analogous to guided implantology (= static navigation) or by means of dynamic navigation based on a camera-marker system. GE has emerged as a field of research in the last years with very promising laboratory-based results regarding the accuracy of guided endodontic access cavities for both static and dynamic navigation.

In addition to the indication, this lecture describes the exact procedure using clinical examples and provides an outlook for the future.

16:00 – 16:45 Lecture 2 : Technologies and AI in Medical Education

Dr LUI Chun Tat

Technologies has penetrated everyone's daily life. The explosion in capability of artificial intelligence in the past years impacted virtually all industries, including education. The integration of artificial intelligence (AI) and immersive technologies like virtual and extended reality is revolutionizing medical education. These tools enable realistic, risk-free simulations for surgical training, emergency response, and complex procedural practice, enhancing skills such as decision-making, anatomical visualization, and empathy through experiential learning. AI-driven platforms personalize education by analyzing learner performance to address knowledge gaps and provide real-time feedback, exemplified by adaptive AI tutors. Studies highlight improved engagement, knowledge retention, and clinical competency compared to traditional methods, with VR-trained surgeons demonstrating higher precision in real-world procedures. However, challenges persist, including high costs, technical limitations, and the need for standardized evaluation frameworks. As these technologies evolve, interdisciplinary collaboration and rigorous research are critical to optimizing their integration into medical curricula and ensuring equitable, evidence-based adoption.

16:45 – 17:30 Lecture 3: Digital Revolution in Orthodontics

Dr HO Cheuk Hin

The Digital Revolution in Orthodontics is fundamentally transforming traditional practice with advanced technology. This presentation will explore how digital tools like 3D scanners, computer-aided design (CAD) software, and 3D printers are impacting the field, from diagnosis and treatment planning to appliance fabrication. We will detail the digital workflow, including data collection, virtual planning, and manufacturing of customized appliances. Emerging technologies like Artificial Intelligence, serving as important assistants in diagnosis and planning, will also be discussed. The presentation will review the scientific evidence on the applications and benefits of these advancements, such as improved precision and customization. We will also address current challenges and highlight the need for further research on new materials and protocols.

Synopses (27 July 2025, Sunday)

09:00 – 10:00 **Lecture 4 : Reimagining Postgraduate Medical Education: Beyond Behaviourism to Meaningful Learning**

Dr SO Hing-yu

This presentation challenges the persistent influence of behaviourist approaches in postgraduate medical education (PGME), where rote learning, rigid assessments, and extrinsic motivation often take precedence over deeper learning and professional growth. Drawing on adult learning principles and Self-Determination Theory, it proposes a shift towards learner-centred education that supports autonomy, competence, and relatedness. Emotion is explored as a powerful influence on learning, with evidence showing that psychologically unsafe environments impair retention, engagement, and identity development. Practical strategies—such as reflective practice, simulation, meaningful feedback, and supportive supervision—are discussed to cultivate intrinsic motivation and lifelong learning. These changes not only enhance clinical competence and adaptability but also reduce burnout and promote ethical practice. While grounded in the context of medical education, the concepts presented are equally applicable to dental training and other health professions seeking to foster resilient, self-directed practitioners who can thrive in complex clinical environments.

10:00 – 10:30 **Lecture 5 : The Pathway of Dental Specialist Training**

Dr HO Fu Tak

Recent developments within the Dental College reflect the Academy's focus on Competency-Based Medical Education (CBME). This learner-centered, outcomes-focused approach emphasizes achieving specific competencies through continuous assessment and feedback, ensuring specialists meet patient and societal needs.

Unlike traditional teaching, which prioritized knowledge delivery, CBME develops competent specialists by continuously adapting the learning process. Formative assessments replace sole reliance on final exams, emphasizing "assessment for training" over "assessment of training."

Beyond knowledge and skills, CBME fosters communication, teamwork, critical thinking, mentorship, and professionalism—qualities essential for dental specialists. Over the past year, the Specialty College has engaged various specialties to review training pathways and launched programs for trainers and examiners, enhancing Fellows' understanding of CBME.

With more Fellows participating, training and assessments continuously evolve, reflecting and updating the curriculum. This presentation will share our progress and explore next steps for advancing CBME in dental education.

11:00 – 12:00 **Brief Update on Curriculum Change in Specialist Training and Panel Discussion**

**Dr SO Hing-yu, Dr HO Fu Tak, Dr CHENG Hung Wai Ronald,
Dr LIEW Cho Hwei Julianna and Dr WONG Tsz Leung**

Periodontology

The MDS (Periodontology) programme at the Faculty of Dentistry, The University of Hong Kong has been accredited by the European Federation of Periodontology (EFP) since 2020. It follows a competency-based curriculum and has become our structured programme for basic training, incorporating a variety of competencies, learning outcomes, and content that are now clearly outlined for achievement. For example, since 2018, the EFP and the American Academy of Periodontology (AAP) have established a new Perio Classification. In alignment with this classification, clinical guidelines have been developed for the treatment of stages I, II, III, and IV periodontitis, as well as peri-implant diseases.

Our higher training integrates competency domains similar to those of the EFP. Traditionally, higher training has focused on case-type management. Now, coupled with competency-based learning, our specialty aims to equip specialists with the skills and expertise necessary to meet the increasing expectations of the public and society.

Oral & Maxillofacial Surgery

The briefing session provides a comprehensive overview of the recent updates in accreditation and training guidelines in the specialty of Oral and Maxillofacial Surgery. The session will include a presentation detailing the key changes in the training curriculum, revised documentation formats and the rationale behind these modifications. Emphasis will be placed on understanding the new requirements, ensuring compliance and adapting training methodologies to meet updated standards. Additionally, the session will offer insights into anticipated future changes in the curriculum, allowing participants to prepare proactively. Interactive discussions and Q & A sessions will encourage engagement, ensuring participants leave with a clear understanding of the changes and their practical applications. This session is essential for all trainers to stay informed, maintain compliance and enhance the effectiveness of training delivery.

Prosthodontics

Specialist training in prosthodontics and its assessment traditionally focus on knowledge and clinical skills in the practice of Prosthodontics. The introduction of competency-based medical education has also highlighted the importance of skills such as professionalism, health promotion and practice management, as defined in the “eight domains in competencies” for the Hong Kong dentists. There is also a trend of workplace-based assessment which evaluates trainees’ actual daily professional practices and achievement of the learning outcomes instead of their performance in examinations at the completion of their training. While there is a need to review the current training curriculum, the implementation of these changes is not without challenges.

12:00 – 13:00

Lecture 6 : Your Future, Protected: Essential Dentolegal Advice for Early-Career Dentists

Dr George WRIGHT

As the dental profession advances, young dentists have a unique opportunity to shape their careers with confidence. This session, led by the Deputy Dental Director and Dentolegal Consultant at Dental Protection, offers practical guidance on how strong dentolegal awareness can support clinical excellence, enhance patient trust, and contribute to long-term professional success.

Through engaging real-life cases, we’ll explore how effective communication, sound decision-making, and clear documentation not only help manage risk but also build a reputation for quality and reliability. Designed for early-career practitioners, this talk will highlight how a proactive approach to everyday challenges can support a thriving, resilient practice in a competitive and evolving landscape.

14:30 – 15:45

Lecture 7 : From HK to London: A Comparative Exploration of Periodontal Education

Dr LIU Hin Nam

Periodontal education varies across different regions, shaped by distinct academic traditions, clinical methodologies, and accreditation systems. From HK to London: A Comparative Exploration of Periodontal Education examines the similarities and differences between periodontal training in Hong Kong and London. Through an analysis of curriculum structures, clinical exposure, professional development pathways, and examination standards, we will explore how each system prepares students for the evolving demands of periodontology.

Lecture 8 : Forging Excellence: My Inspiring Voyage in UW's Prosthodontic Realm

Dr YUEN Ha Ching

Dr. Yuen was granted the 2023 CDSHK Scholarship and attended Observership in the Graduate Prosthodontics Program at the University of Washington in 2024. Dr. Yuen was engaged in a comprehensive and intensive program featuring literature reviews, clinical observations and lectures covering implantology, digital dentistry, occlusion, dental and maxillofacial prosthetics and etc., led by esteemed faculty like Professors Sorensen, Ramos and Sutton. She observed diverse cases, such as full-mouth rehabilitations, obturators, nasopharyngeal prostheses, nasal prosthesis and etc. The experience highlighted advanced prosthodontic techniques and fostered critical thinking through interactive sessions. Dr. Yuen gained valuable clinical insights and skills, enhancing her ability to deliver comprehensive patient care. The program's rigorous schedule and supportive environment left a lasting impact, enriching her professional development in prosthodontics.

16:15 – 17:30 Lecture 9 : Contemporary Management of Stage III & IV Periodontitis

Dr FOK Tat Chuen and Dr HO Ka Leong

Following the AAP/EFP 2018 World Workshop, the classification of periodontitis has been redefined with an aim to provide a framework to improve its diagnostic, therapeutic and prognostic capacities, moving towards an individualized approach of management. Stage III and IV periodontitis, which resemble the previously coined “severe periodontitis”, are characterized by significant periodontal destruction and pose risks of individual tooth loss or even the loss of whole dentition, compromising the patient's quality of life and function in multiple dimensions. As highlighted by the recently published S3 Clinical Practice Guidelines for Stage I-III and Stage IV Periodontitis, contemporary management of Stage III and IV periodontitis involves an individualized approach of management, focusing on both clinical and patient tangible outcomes, integrating conventional and advanced additional therapy with possible interdisciplinary collaboration to address the sequelae of periodontitis and its related tooth loss. To illustrate these principles in practice, clinical cases will be presented with in-depth discussion on the tailored approach and clinical challenges for different case types.