NUS National University of Singapore | Centre for Advanced Dental Education
Faculty of Dentistry

2027

NUS DENTISTRY CLINICAL DENTISTRY SYMPOSIUM

Excellence in Everyday Dentistry:
Evidence, Innovation & Clinical Practice

Sunday, 9 May 2027
Sheraton Towers Singapore
9.00am - 5.30pm
8 CPE Points



PROGRAMME

Time	Speaker	Topic
8:30am to 9.00am	Registration & Morning Tea	
9:00am to 9.15am	Professor Chris Peck, Dean	Welcome Address
9:15am to 10:15am	Professor Park Joo-Young	Contemporary Surgical Management of Temporomandibular Joint Disorders: Evidence, Clinical Decision-making, and Outcomes
10:15am to 10.35am	Dr Eunice Lua	Temporomandibular Disorders: Why Less May Be More
10.35am to 10.45am	Q & A	-
10:45am to 11:15am	Tea & Trade Exhibition	
11:15am to 12:00pm	Professor Majeed Rana	Personalised Jaw Rehabilitation
12:30pm to 2:15pm	Lunch & Trade Exhibition	

PROGRAMME

Time	Speaker	Topic
2:15pm to 3:15pm	Professor Ove Andreas Peters	Personalised Endodontics: Towards Effective Lifelong Disease Management
3:15pm to 3:30pm	Dr Timothy Sng	Are We Removing Too Much? Re-examining Coronectomy in the Management of Mandibular Third Molars
3:30pm to 4:30pm	Professor Chung How Kau	Orthodontic Management of the Esthetic Smile Zone: A Multidisciplinary Approach
4:30pm to 4:45pm	Dr Eugene Loh	Making a Difference Beyond the Clinic: Dental Missions and Alumni Engagement
4:45pm to 5:20pm	Panel Discussion Moderator: Dr Gabriel Lee Panelists: Professor Chung How Kau, Associate Professor Kelvin Foong, Associate Professor Raymond Wong	Artificial or Augmented Intelligence in Dentistry
5.20pm to 5.30pm	Associate Professor Raymond Wong, Vice-Dean (Graduate Studies & Lifelong Learning)	Wrap-Up & Closing Speech

REGISTRATION

Registration Fee

Categories	Dentists	NUS Dentistry Full-time Faculty and NUHS Full-time Staff with Joint Appointment	Dental Officers*, Dental Students* and Dental Auxiliary
Early-bird Rate (Applicable till 31 January 2027)	$350	$280	$250
Regular Rate	$380	$310	$280

**Dental Officers and Dental Students to register using either their MOHH email address or Student email address, respectively.*

Register Here

Registration closes on 19 April 2027

For enquiries, please contact NUS CADE at CDS2027@nus.edu.sg

PROFESSOR KAU CHUNG HOW



Dr Chung How Kau is Professor and Chair of the Department of Orthodontics at the University of Alabama at Birmingham (UAB) School of Dentistry and holds the Don Speed Endowed Professorship for Orthodontics. A Diplomate of the American Board of Orthodontics, he is an internationally recognized clinician, educator, researcher, and speaker. His research focuses on craniofacial anomalies, three-dimensional imaging, artificial intelligence, digital orthodontics, and innovative treatment technologies. Dr Kau has published extensively in the orthodontic and craniofacial literature and has lectured worldwide. His work emphasizes the translation of emerging technologies and scientific evidence into contemporary, patient-centered orthodontic care.

Lecture Synopsis

Orthodontic Management of the Esthetic Smile Zone: A Multidisciplinary Approach
Creating an attractive smile involves much more than simply straightening teeth. The relationship between the teeth, gingiva, underlying bone, lips, and facial proportions ultimately determines the esthetic outcome. For the dental surgeons, understanding these relationships is essential when planning orthodontic, restorative, periodontal, or interdisciplinary treatment in the esthetic zone.

This lecture will provide a practical approach to evaluating and managing the esthetic smile. Participants will learn how tooth position, crown proportions, gingival margins, gingival zeniths, interdental papillae, periodontal phenotype, and alveolar bone architecture interact to influence smile esthetics. Attention will be given to recognizing when an apparent tooth-size or shape problem may actually be related to tooth position or gingival architecture.

The presentation will demonstrate how orthodontic tooth movement can be used strategically to improve gingival levels, tooth proportions, papillary relationships, and restorative space. Common clinical challenges that include uneven gingival margins, excessive gingival display, short clinical crowns, gingival recession, and “black triangles will be discussed using a multidisciplinary perspective. The role of gingival contouring, gingivectomy, esthetic crown lengthening, and osseous recontouring will also be reviewed, with emphasis on selecting the appropriate procedure and understanding the underlying biologic and bony architecture before altering gingival margins.
Through clinical examples, this lecture will provide dentists and students with a systematic framework for determining when to move the tooth, reshape the gingiva, modify the bone, restore the tooth or combine these approaches to create a healthy, natural, and esthetically pleasing smile.

PROFESSOR OVE PETERS



Dr Peters is a clinician-scientist at the UQ School of Dentistry in Brisbane/Australia; his expertise is in endodontics, including root canal treatment and vital pulp therapy, combining laboratory research with clinical studies and >35 years of experience as a dentist.
After faculty positions in Heidelberg, Germany and Zurich, Switzerland, as well as at the University of California, San Francisco, he was the founding director of the postgraduate endodontic program at the Arthur A. Dugoni School of Dentistry in San Francisco, a professor with tenure and the Chair of the Department of Endodontics at that school. Dr Peters then joined The University of Queensland 2020, where he is currently the Deputy Head of School and the Discipline Lead in Endodontics.

Dr Peters has published more than 270 peer-reviewed manuscripts related to endodontic technology and biology and has authored two books as well as book chapters in several leading textbooks in dentistry; he is an associate editor for the International Endodontic Journal, an academic editor for PLOS One and serves on the review panels of multiple other journals. Among other honours, Dr Peters has received the Hans Genet Award of the European Society of Endodontology, the Louis I. Grossman Award of the American Association of Endodontists and the Distinguished Scientist Award in Pulp Biology by the IADR. He is a Diplomate of the American Board of Endodontics, a member of OKU and a Fellow of both the International and American Colleges of Dentistry.

Lecture Synopsis

Personalised Endodontics – Towards Effective Lifelong Disease Management
Endodontic care has traditionally been defined by the management of local disease and judged by clinician-centred outcomes such as radiographic healing. Contemporary frameworks are moving toward patient-centred endpoints, including tooth retention and lifelong oral health, with greater emphasis on risk and individual variability.

The burden is considerable: untreated caries affects about one third of the world's population, and apical periodontitis about half. Current diagnostic labels, such as “irreversible pulpitis”, ignore the biological continuum of pulpal inflammation and healing, and emerging evidence links persistent apical periodontitis to systemic inflammation and cardiovascular disease.

P4 Medicine (predictive, preventive, personalised and participatory) offers a framework for reframing endodontics as risk management, in which prevention, from caries control to vital pulp therapy, becomes central. This presentation will address the burden of disease, examine each P4 pillar with emerging diagnostics and technologies, discuss barriers in access, education and reimbursement, and outline how clinicians, educators and health authorities can move toward effective, lifelong disease management.

PROFESSOR PARK JOO-YOUNG



Professor Park Joo-Young is Professor in the Department of Oral and Maxillofacial Surgery at Seoul National University School of Dentistry and Seoul National University Dental Hospital, Republic of Korea. She is also affiliated with the Dental Research Institute and leads the Oral Mucosa and Jawbone Experimental Immunology Laboratory at Seoul National University.

Professor Park obtained her D.D.S. from Seoul National University in 2004 and her Ph.D. in Oral and Maxillofacial Surgery in 2011. She subsequently completed a postdoctoral research fellowship on T cell immunology research at the National Cancer Institute, National Institutes of Health (NCI/NIH), Bethesda, USA, from 2013 to 2018.

She has held several leadership and academic positions, including Head of Strategic Planning at the Dental Life Science Research Institute and Chief Surgeon at the AOCMF Fellowship Training Center Korea, Seoul National University Dental Hospital. She has also served in various editorial and academic leadership roles within the Korean Association of Oral and Maxillofacial Surgeons and related professional organizations. From 2018 to 2024, she served as Program Director of Residency Training and Vice Department Chair at Seoul National University Dental Hospital.

Professor Park's clinical and research interests encompass maxillofacial surgeries including temporomandibular joint disorders, craniomaxillofacial deformities, maxillofacial trauma, and experimental immunology. She has extensive experience in clinical education, research, and academic leadership.

Lecture Synopsis

Contemporary Surgical Management of Temporomandibular Joint Disorders: Evidence, Clinical Decision-making, and Outcomes

This lecture presents an evidence-based approach to the surgical management of temporomandibular joint (TMJ) disorders, focusing on disc displacement and osteoarthritis. It will explore clinical and imaging assessment, indications for arthrocentesis and arthroscopy, and the transition from joint-preserving procedures to open surgery and total joint replacement. Clinical cases will illustrate individualized treatment planning based on disease severity, joint morphology, function, and occlusal factors.

The lecture will also highlight emerging diagnostic approaches and clinical evaluation methods based on the author's research results and an AI-driven patient management programme, with practical insights for general dental practitioners on specialist referral and integrating surgical treatment into comprehensive care.

DR EUNICE LUA



Dr Eunice Lua is an early-career clinician-academic and prosthodontist with a focused interest in orofacial pain and temporomandibular disorders. Currently pursuing her PhD at the NUS Faculty of Dentistry, she combines clinical practice as an Associate Consultant in the Division of Prosthodontics at the National University Centre for Oral Health Singapore (NUCOHS) with research and dental education. Her work focuses on chronic orofacial pain and its impact, particularly within the Southeast Asian population, and has been recognised internationally with the IADR Samuel F. Dworkin Predoctoral Award.

Lecture Synopsis

Temporomandibular Disorders: Why Less May Be More

Temporomandibular disorders (TMD) encompass a heterogenous group of conditions in which pain, dysfunction and structural abnormalities do not always align. For many patients, conservative and reversible strategies remain an appropriate first-line approach.

This lecture will explore the rationale for conservative management of TMD, considering the natural course of these conditions, the complex relationship between joint pathology and pain, and the evidence supporting non-surgical approaches. It will highlight the importance of accurate diagnosis, patient education and individualised care, while considering when persistence with conservative management is appropriate – and when escalation to surgical intervention may be warranted.

DR SNG JIE HAN, TIMOTHY



Dr Timothy Sng is currently an Associate Consultant at the National University Centre for Oral Health Singapore (NUCOHS) and an Academic Fellow at the Faculty of Dentistry, NUS.

He graduated from the National University of Singapore (NUS) with a Bachelor of Dental Surgery in 2017. As a recipient of the NUS Faculty of Dentistry Academia Talent Development Programme (ATDP) Award, he pursued specialist training under the NUS Oral & Maxillofacial Surgery residency programme in 2020. He obtained his Master of Dental Surgery (Oral & Maxillofacial Surgery) in 2023 and completed his advanced surgical training, attaining specialist accreditation in 2025.

His clinical and research interests include temporomandibular joint diseases, orthognathic surgery for facial deformities, and paediatric maxillofacial surgery. In 2024, he was awarded the AO CMF Asia Pacific Fellowship at Peking University School of Stomatology, where he further expanded his expertise in the surgical management of cleft and craniofacial deformities.

He is actively involved in undergraduate and postgraduate teaching and serves as the curriculum coordinator for the Oral and Maxillofacial Surgery undergraduate module at NUS. He has also presented his research and delivered lectures at regional and international conferences, reflecting his ongoing engagement in academic surgery and education.

Lecture Synopsis

Are We Removing Too Much? Re-examining Coronectomy in the Management of Mandibular Third Molars

Does every high-risk mandibular third molar need to be completely removed? This lecture explores coronectomy as an alternative to complete excision, examining the evidence behind nerve injury prevention, potential complications and patient selection. By revisiting current evidence and clinical considerations, it aims to challenge conventional thinking and encourage a more thoughtful, individualised approach to third molar surgery.

Important Information

Registration Policy

Registration is on a first-come, first-serve basis. As seating in the venue is limited, early registration is strongly encouraged.

Withdrawal / Refund Policy

A full refund, less a $25 administrative fee, will be granted for withdrawal requests submitted in writing and received by NUS Dentistry by 30 March 2027. No refunds will be provided after this date.

NUS Photography and Filming Notice

Please be aware that the National University of Singapore (NUS), authorised personnel for and on behalf of NUS (who will be carrying identification issued by NUS), and those at the Symposium may take photographs and videos during the event. NUS may use photographs and videos it takes and/or taken by authorised personnel for its marketing and publicity purposes in print, electronic and social media. If you do not wish to be photographed and/or video-recorded in this event, please notify one of the photographers or NUS staff. Thank you.

Directions

Sheraton Towers Singapore

39 Scotts Road, Singapore 228230

- Hotel Location
- Driving Directions
- Nearest MRT Station: Newton MRT station - MRT / Public Transport Directions

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