22nd NUS Clinical Dentistry Symposium

DATE
Sunday, 27 May 2018

TIME
8.00 am – 5.00 pm

VENUE
Peter & Mary Fu Lecture Theatre (LT35)
Centre for Translational Medicine (MD6)
National University of Singapore
14 Medical Drive, Singapore 117599

Enquiries Contact:
Ms Melissa Lim / Ms Azlia Aziz
Tel: (65) 67724966 / 67725258

CPE POINTS
8

Organised by:
NUS Faculty of Dentistry
Part of the National University Health System
<table>
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<th>TIME</th>
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<th>SPEAKER</th>
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<td>8.50-9.00am</td>
<td>Opening Address by Dean</td>
<td>Professor Patrick Finbarr Allen</td>
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<td><strong>CHAIR: Associate Professor Victoria Yu</strong></td>
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<td>9.00-10.30am</td>
<td>Currents Thoughts on the Obturation of the Root Canal</td>
<td>Professor William Saunders</td>
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<td>10.30-11.00am</td>
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<td>11.00-11.45am</td>
<td>Informatics and Personalised Dentistry</td>
<td>Dr Peter Yu</td>
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<td>11.45am-12.30pm</td>
<td>CBCT for the Responsible Dentist: An Overview</td>
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<td>12.30-1.15pm</td>
<td>Orthodontics in the Multidisciplinary Context</td>
<td>Dr Soh Shean Han</td>
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<td>1.15-2.15pm</td>
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<td>2.15-3.15pm</td>
<td>The Maxillary Sinus and the Dentists - When Ignorance is Grief</td>
<td>Adj Associate Professor Loh Fun Chee</td>
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<td>3.15-4.45pm</td>
<td>Gum Health – Part and Parcel of General Well-Being?</td>
<td>Professor Leung Wai Keung</td>
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Professor Saunders is Emeritus Professor of Endodontology at the University of Dundee, UK. After graduation from the Royal Dental Hospital in London in 1970, Professor Saunders became a general dentist, first in the Royal Air Force and then in general dental practice. He entered academia in 1981 and undertook higher clinical training in Restorative Dentistry and a PhD. He was appointed to a Professorship in Clinical Practice at the University of Glasgow in 1993 and became the first Professor of Endodontology in the United Kingdom in 1995. He was Dean of the Dundee Dental School for 11 years, from 2000-2011 and chaired the Dental Schools Council of the United Kingdom from 2008-11. He has written over 100 scientific papers and chapters for books. He chaired the Speciality Advisory Board in Restorative Dentistry at the Royal College of Surgeons of Edinburgh for over 6 years, the body responsible for the qualifying examination for specialists in endodontics, periodontics and fixed and removable prosthodontics in the UK, and recognised by a number of other countries. He sat on the Dental Council of the Royal College of Surgeons of Edinburgh for 12 years. He was Congress Chair of the 2009 European Society of Endodontology. He was awarded the inaugural Scottish Dental Lifetime Achievement Award in 2012 and has lectured and examined throughout the world. He is the immediate Past Dean of the Dental Faculty at the Royal College of Surgeons of Edinburgh.

**Lecture Synopsis:**

**Currents Thoughts on the Obturation of the Root Canal**

This will give a contemporary view of obturation in light of the materials science advances and biological aspects. Whatever cleaning and shaping has taken place during root canal treatment, the quality of the root filling is judged by the radiographic appearance of the obturation. This lecture will review the way obturation has been carried out over the years and propose a more biological protocol to generate sustainable healing.
Dr Peter Yu graduated from NUS (Singapore) and completed a Master’s of Science with Certification in Prosthodontics from Northwestern University (USA). He was in private dental practice for nearly 20 years before joining NUHS as a Clinician Educator. He is currently a Senior Consultant in Restorative Dentistry and holds the positions of Director Informatics (Dental) and Deputy Chief Medical Informatics Officer (NUHS).

Dr Yu is an avid couch potato and collector of cheap Seiko watches.

Lecture Synopsis:

Informatics and Personalised Dentistry

As Singapore translates towards becoming a Smart Nation, health data at personal and national levels will become accessible at an exponential rate. TeleHealth & HealthHub Portal are increasingly used to connect with patients. National Electronic Health Record (NEHR), using Systematized Nomenclature of Medicine - Clinical Terms (SNOMED-CT) following Health IT Master Plan (HITMAP), grounded on Evidence-Based Informatics will be drivers to deliver Personalised Dentistry for our patients.

-- but what is the significance of all this information and connectivity and how will it affect us as practicing dental clinicians?

The presentation will address issues of this evolving landscape, referencing retrospective 10-year dental care data from NUHS and attempt to provide a forecast of what dental practice in Singapore of the near future might be like.
Dr Lim Li Zhen is a full-time faculty with the Discipline of Oral and Maxillofacial Surgery at the Faculty of Dentistry, National University of Singapore (NUS). She received her BDS from NUS in 2010, where she was the recipient of multiple academic awards. Following dental school, she practiced as a general dentist in tertiary centers. She subsequently received an NUS-Overseas Graduate Scholarship to pursue a Master of Science degree in Oral and Maxillofacial Radiology at the University of North Carolina at Chapel Hill. She graduated in 2017, making her the first Singaporean to complete a full-time 3-year residency program in Oral and Maxillofacial Radiology.

**Lecture Synopsis:**

**CBCT for the Responsible Dentist: An Overview**

The use of cone beam computed tomography (CBCT) has increased exponentially in dentistry since the early 2000’s. With this, clinicians may find themselves facing diagnostic dilemmas. When should a CBCT be indicated? When should it not? How can the risk/benefit of the exposure be optimized? The aim of this lecture is to provide clinicians with an overview of the use of CBCT in dentistry, including current recommendations for its judicious use, as well as guidelines on associated responsibilities.
Dr. Soh is currently a full-time faculty member of the Faculty of Dentistry (NUS), in the Discipline of Orthodontics and Paediatric Dentistry. She loves teaching and is actively involved in the education of undergraduate dental students. She also explores research in orthodontics and dental public health. Her study investigating the cyclic loading effects on craniofacial strain and sutural growth in pigs has recently been accepted for publication in the American Journal of Orthodontics and Dentofacial Orthopedics.

Dr. Soh practises orthodontics at the National University Hospital. She is also a member of the American Board of Orthodontics, the American Association of Orthodontics and the Association of Orthodontists (Singapore).

**Lecture Synopsis:**

**Orthodontics in the Multidisciplinary Context**

Orthodontic treatment is commonly known as an elective procedure to enhance facial and dental aesthetics in adolescents. However, orthodontics can also play an important role in augmenting dental care in other disciplines. Conversely, dental procedures in other disciplines may be needed prior to or during orthodontic treatment to improve orthodontic care. This lecture will cover the synergy between orthodontics and other specialties in the multidisciplinary management of patients.
Lecture Synopsis: The Maxillary Sinus and the Dentists - When Ignorance is Grief

The maxillary sinus is a vital structure that is close enough anatomically but not usually encountered during most dental procedures. Like most organ systems its homeostasis is finely balanced when healthy, providing optimum condition for function. When diseased the maxillary sinus is remarkably able to recover when given early and appropriate therapeutic intervention. Inadequately treated, disease within the maxillary sinus may disseminate to structures that it is so intricately connected to resulting in serious ramifications in some cases. These structures include the paranasal sinuses, the cavernous sinus, the nasal cavity and the eye.

Encounter with the maxillary sinus during dental treatment and planned intrusion into the maxillary sinus need to be managed judiciously. A good understanding of the maxillary sinus anatomy, physiology and its relationship to other structures would be a good start. Together with an awareness of the signs and symptoms pathognomonic of sinus diseases and their sequelae, oral health care professionals would be in a better position to diagnose and ensure that patients are treated in a timely manner.

This presentation will attempt to address these issues.
Speaker: **Professor Leung Wai Keung**

BDS, MDS (HK), PhD (British Columbia), FHKAM (Dental Surgery), FCDSHK (Perio), FDS RCSEd

Professor Leung Wai Keung is currently Professor in Periodontology at the Faculty of Dentistry, The University of Hong Kong. He is also the BDS I Year Director, and Specialty Board Chair (Periodontology) (February 2017- ) of The College of Dental Surgeons of Hong Kong. He is a Council Member of College of Dental Surgeons of Hong Kong; Hong Kong Society of Immunology and Past President (12-2010-11/2015) of the Hong Kong Society of Periodontology and Implant Dentistry. He is also Member, Board of Examiners (since 2010) of The Dental Council of Hong Kong. He serves as Associate Editor since 2011 at Journal of Investigative and Clinical Dentistry and Editorial Board Member (till 12/2018) of the Hong Kong Medical Journal and has been a Member, Scientific Committee (Since 2009) at the Hong Kong Arthritis & Rheumatism Foundation Ltd. Prof Leung is a Member of the Education and Accreditation Committee, The Dental Council of Hong Kong [since 2012] and was Past President of Southeast Asian Association for Dental Education.

**Lecture Synopsis:**

**Gum health – part and parcel of general well-being?**

Periodontal diseases are complex human diseases and so as other common non-communicable diseases (NCD). Pathogeneses of the oral and systemic ailments are multi-factorial, taking chronic disease courses with varied clinical presentations. It is well established in the scientific literature that certain NCDs interrelate with periodontitis, for instance, individuals suffered from diabetes have higher risks to develop periodontitis. As the societal burden of diabetes, heart diseases, autoimmune problems, etc. and periodontitis are high while individual general or oral health quality of life impacts were substantial, it is very important for healthcare professionals to appreciate the influence of any relevant factors, appreciating and/or controlling which, may assist management of periodontitis and NCD in those affected in our local population. The current presentation attempts to provide a concise summary regarding these issues.
Register before Closing Date to enjoy the early bird discount.

Registration closes on 14 May 2018. For enquiries, please contact:
Ms Doris Wong [Tel: +65 6772 4965; Email: gdssec@nus.edu.sg]
Ms Azlia Aziz [Tel: +65 6772 5258; Email: denaaa@nus.edu.sg]

### Registration Fees (Inclusive of 7% GST)

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<td>Registration (before closing date)</td>
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**How to Register**

Complete the registration form, including payment of the full registration fees, and mail/fax to:

Faculty of Dentistry  
11 Lower Kent Ridge Road  
Singapore 119083  
Fax: (65) 6779 6520  
Attention: **Ms Veronica Goh / Ms Azlia Aziz**

For payment of fees, please provide either credit card information or cheque made payable to "National University of Singapore". Please write your name and DCR number at the back of the cheque.

All registrations must reach the Secretariat latest by **14 May 2018**. A confirmation will be sent upon receipt of the full fee payment.

**Registration Policy**

Registration will be on a first-come-first-serve-basis. As the Auditorium has limited seating capacity, we encourage early registrations.

**Withdrawal/Refund Policy**

Full refund minus $25 (administrative charges) for withdrawal made in writing and received by FoD before **14 May 2018**. There will be no refunds after the closing date.

The organisers reserve the right not to conduct the course if there are not enough participants.

**NUS & PDPA:** Attendees should be aware that NUS, others on behalf of NUS and third parties may be taking photographs and/or videos during this event. NUS may use such photos and videos for the purpose of NUS publicity, marketing and media/social media. We may identify attendees by name in such media and/or share these with third parties (which may be in or outside of Singapore).
Location Map of Conference Venue:

Peter & Mary Fu Lecture Theatre (LT35)
Centre for Translational Medicine (MD6)
National University of Singapore
14 Medical Drive, Singapore 117599

The nearest Visitor Car Park is at **Car Park 10**
(Opposite Dentistry along Lower Kent Ridge Road).

A Dental Trade Exhibition has also been organised for the benefit and convenience of all participants.
REGISTRATION FORM
22\textsuperscript{nd} NUS Clinical Dentistry Symposium
Sunday, 27 May 2018

\textbf{Your Particulars}

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\textbf{Registration Fees (inclusive of 7\% GST)}

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\textbf{Dental Auxillaries} & S$60.00 & S$80.00 & S$110.00 \\
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\textbf{Student} & S$30.00 & S$40.00 & S$50.00 \\
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\textbf{Method of Payment}

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\item \textbf{Cheque} (made payable to National University of Singapore)
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