23rd
NUS Clinical Dentistry
Symposium

DATE  Sunday, 26 May 2019
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:
denkjj@nus.edu.sg  Tel: (65) 6772 4965

CPE POINTS  6

Organised by:
NUS Faculty of Dentistry
Part of the National University Health System
<table>
<thead>
<tr>
<th>TIME</th>
<th>TOPIC</th>
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<tbody>
<tr>
<td>8.00 am - 9.00 am</td>
<td>REGISTRATION</td>
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<tr>
<td>9.00 am - 9.15 am</td>
<td>Opening Address</td>
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<td></td>
<td>Professor Patrick Finbarr Allen, Dean</td>
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<td><strong>CHAIR: Associate Professor Victoria Yu</strong></td>
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<tr>
<td>9.15 am - 10.15 am</td>
<td>Ceramics in the digital age: printing dental ceramics</td>
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<td>Professor Radi Masri</td>
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<td>10.15 am - 10.45 am</td>
<td><strong>COFFEE BREAK</strong></td>
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<td>10.45 am - 11.30 am</td>
<td>Mouth Cancer: Lessons Learned, Opportunities Missed?</td>
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<td>Associate Professor Philip McLoughlin</td>
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<td>11.30 am - 12.15 pm</td>
<td>Integrating the New Periodontal Classification into Daily Practice</td>
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<td>Dr Fu Jia Hui</td>
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<td>12.15 pm - 1.00 pm</td>
<td>Making a good impression</td>
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<td>Dr Tan Ming Yi</td>
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<td>1.00 pm - 2.00 pm</td>
<td><strong>LUNCH</strong></td>
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<td><strong>CHAIR: Associate Professor Vinicius Rosa</strong></td>
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<td>2.00 pm - 3.00 pm</td>
<td>Management of caries in children - Is our perception of Excellence evidence based?</td>
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<td>Professor Monty Duggal</td>
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<td>3.00 pm - 4.00 pm</td>
<td>Periodontology healthcare from ivory tower to the frontline</td>
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<td>Professor Leung Wai Keung</td>
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<td>4.00 pm - 5.00 pm</td>
<td><strong>Discussion &amp; Closing</strong></td>
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Speaker: **Professor Radi Masri**

Dr. Masri is a tenured Professor at the University of Maryland School of Dentistry and School of Medicine. He is the Program Director of the Advanced Education Program in Prosthodontics and the Director of Research and Discovery Division at the Department of Advanced Oral Sciences and Therapeutics. He is the Editor-in-Chief of the Journal of Prosthodontics, the Vice-President of the American Academy of Fixed Prosthodontics, and Director and Secretary-Treasurer of the American Board of Prosthodontics.

Dr. Masri is the author of the first book on clinical applications of digital dental technologies. He received his first dental degree from the University of Jordan Dental School in 1997 and completed a prosthodontic residency at the University of Maryland, Baltimore College of Dental Surgery in 2001. Dr. Masri has a Master degree in oral biology and a PhD in biomedical sciences. He is a Diplomate of the American Board of Prosthodontics, a fellow of the American College of Prosthodontists, a member of the American Academy of Fixed Prosthodontics and fellow of the Academy of Prosthodontics.

He lectures nationally and internationally and serves as an external examiner for international dental schools in the field of prosthodontics. Dr. Masri has authored numerous scientific papers, holds several patents, and currently supervises a federally funded research laboratory that studies the etiology and treatment of chronic pain.

Dr. Masri received many honors including the 2013 American College of Prosthodontist (ACP) Clinician Researcher Award, the 2015 Maryland LIFE Award for the most promising technology, and the 2018 ACP Distinguished Service Award.

**Lecture Synopsis:**

**Ceramics in the digital age: printing dental ceramics**

Lithium disilicate and zirconia restorations can be fabricated predictably using subtractive machining methods (milling). However, milling ceramic restorations is associated with several disadvantages as most restorations are milled from monolithic blocks. The machining process introduces stresses in the ceramics that may manifest as cracks later on, and it is difficult to control the shade of the restoration even if shaded milling blocks are used. Therefore, the use of additive manufacturing technology (printing) to fabricate ceramic restorations is desirable. Recent advances in printing ceramics will be reviewed, challenges, advantages and disadvantages will be highlighted and technologies available will be discussed.

Speaker: **Associate Professor Philip Martin McLoughlin**

A/P McLoughlin as a full-time Associate Professor in the Discipline of Oral and Maxillofacial Surgery at the Faculty of Dentistry, National University Singapore (NUS). A/P McLoughlin graduated from the University College Hospital Dental School with a BDS (with Honors) in 1981, Bachelor of Medicine, Bachelor of Surgery from University College London School of Medicine in 1988, Fellowship in Dental School of the Royal College of Surgeons of England in 1990, Fellowship in Surgery of the Royal College of Surgeons of England in 1991. In 1995, A/P McLoughlin joined Chesterfield and North Derbyshire Royal Hospital Chesterfield, Derbyshire as a Consultant where he doubled up as a Clinical Director of Surgery in 1999 to 2001. In 2001, he joined NHS Tayside Health Board Nine Wells Hospital, Dundee as a Consultant/Senior Lecturer and Associate Medical Director. Prior to joining NUS, A/P McLoughlin was with The King Faisal Specialist Hospital & Research Centre, Jeddah, Saudi Arabia as Consultant and Chairman of Dentistry.

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Lecture Synopsis:

Mouth Cancer: Lessons Learned, Opportunities Missed?

Within 2019, just over 500,000 people worldwide will be diagnosed with mouth cancer. Of those so diagnosed just over half will be alive in 2024, in fact around 20% will die before the first anniversary of that diagnosis. This is a dramatically worse outlook than experienced by those diagnosed with colorectal or breast malignancy.

Mouth cancer is responsible for more deaths in developed nations than; cervical cancer, prostate cancer, aortic aneurysm, diabetic ketoacidosis, neonatal metabolic disorders and juvenile infectious fevers, all combined.

However, unlike all the above quoted cancers, conditions and diseases, where robust screening and immunization programs have evolved, there is not a single country in the world that engages in a similar initiative for mouth cancer.

So mouth cancer often presents at an advanced stage, and the emphasis has been on treatment. This has produced some dramatic improvements in surgical teamwork and technology, and some highly skilled surgical craftsmanship, but little in the way of improved survival and only marginally improved quality of life.

The Dental Profession works solely and expertly in the oral cavity, but in the case of mouth cancer, has it given over, or has it given up?

Speaker: Dr Fu Jia Hui

Dr. Fu Jia Hui is an Assistant Professor and Associate Consultant in Periodontics at the National University of Singapore (NUS) and the National University Hospital, Singapore. She received her dental education at NUS in 2004 and specialty training in Periodontics at the University of Michigan, Ann Arbor, USA in 2011. She is a Diplomate of the American Board of Periodontology and the International Congress of Oral Implantologists, a member of the Osteology Foundation Expert Council, and President of the Society of Periodontology, Singapore. Besides being a recipient of several academic and research awards, one of which was the 2014 ITI Andre Schroeder Research Prize, Dr. Fu has also published widely in internationally peer-reviewed journals and co-authored book chapters in the fields of Periodontics and Implant Dentistry.

Lecture Synopsis:

Integration of the New Classification of Periodontal Diseases into Clinical Practice

In November 2017, 120 experts from all over the world gathered in Chicago to revise the 1999 Classification of Periodontal Diseases. This new classification, which is based on the strongest available scientific evidence, is timely because substantial amounts of new evidence have surfaced in the past 18 years. Thus, this presentation aims to use clinical scenarios to introduce the new classification to the audience.
Speaker: **Dr Tan Ming Yi**

Dr Tan Ming Yi graduated from the Faculty of Dentistry, National University of Singapore in 2012, winning the bronze University Medal. She completed the local residency programme in Prosthodontics in 2017, for which she was awarded the Prosthodontic Society Singapore Medal. She is now a dental instructor at the faculty.

**Lecture Synopsis:**

**Making a good impression**

Impressions matter – a lot! Impression techniques and materials that may be used to capture soft and hard tissue architecture have improved over the years. In addition, digital dentistry appears to have reached a level adequate for clinical utility. As we enter the digital era and contemplate a complete revamp of our clinical practice, let’s take a look at how impressions have evolved over time, why conventional materials continue to be essential and examine the existing studies that attempt to validate the efficacy and effectiveness of digital options.

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Speaker: **Professor Monty Duggal**

Prof Duggal obtained his dental degree and MDS in Paediatric Dentistry from India. He then immigrated to the United Kingdom and obtained his FDSRCS from the Royal College of Surgeons of England and his PhD from University of Leeds. He was appointed Professor and Chair of Child Dental Health at Leeds Dental Institute in 1999 where he oversaw a large postgraduate programme in Paediatric Dentistry which has international acclaim. In January 2017 he was appointed as Professor and Head of Paediatric Dentistry in Faculty of Dentistry, National University of Singapore. Prof Duggal has served in various senior positions, and was President of the European Academy of Paediatric Dentistry from 2014-2016 and has been on the board of EAPD for last 10 years. Professor Duggal has published over 150 research papers in international journals and is author of “Restorative Techniques in Paediatric Dentistry, which has been published in 7 languages and has sold over 16,000 copies worldwide. He is also a co-author of a textbook on Dental Traumatology and has Co-Edited “Paediatric Dentistry” by Oxford, now in its 5th edition, and more recently “Paediatric Dentistry at a Glance”, published by Blackwell Willey. He has administered research grants totaling over seven million pounds and is an internationally recognised researcher and clinician with main research interest is Cariology and Translation Research in Clinical Paediatric Dentistry, including dental traumatology. Apart from Paediatric Dentistry his main interest is playing and watching cricket and any time spare from work and family is devoted to this important activity.

**Lecture Synopsis:**

**Management of caries in children-Is our perception of Excellence evidence based?**

Paediatric Dentistry has come a long way since the days where dentistry for children was provided by some general practitioners who liked treating children in their practices. This means that high quality, and evidence based oral health care can be provided for children. However, there are many questions that have been raised in recent years on whether clinicians are providing evidence based care or one that is based on generations-old clinical techniques. Where do we derive our ideas of clinical excellence? Are there any multicentre randomised controlled trials that can support our perceptions of excellence? This talk will cover the modern thinking on the management of caries and pulp and the future directions in clinical management and research in these areas.
Speaker: Professor Leung Wai Keung

Keung Leung is Professor, Periodontology, Faculty of Dentistry, the University of Hong Kong (HKU). He qualified in Hong Kong at 1987 and was awarded master degree (Oral Medicine), HKU at 1990. He later earned his doctoral degree at Faculty of Dentistry, University of British Columbia, Canada at 1998. He started serving the Discipline of Periodontology, Faculty of Dentistry, HKU at 1995 where he finished his Periodontology specialist training 3 years later. His research interests include human periodontal microbial ecology and virulence; effects of altered human oral physiology on the corresponding microbial ecology; genetic risks for periodontitis; clinical trials of periodontal care strategies including anxiety modulation. He co-edited one book, authored 10 book chapters, 14 reviews, 8 editorials/newsletters, 5 conference/consensus paper/commentary and 95 international peer reviewed publications; Scopus h-index: 32. He is currently Editorial Board Member, Hong Kong Medical Journal; Councilor and Specialty Board Chair (Periodontology), The College of Dental Surgeons of Hong Kong; Chief Examiner in Periodontology and Public Health, the Dental Council of Hong Kong; Council Member, Hong Kong Society of Immunology; Immediate Past President, Hong Kong Society of Periodontology and Implant Dentistry; and Past President, Southeast Asian Association for Dental Education.

Lecture Synopsis:

Periodontology healthcare from ivory tower to the frontline

Periodontal diseases are chronic complex human ailments that affect at least 20% of the global adult population. Periodontitis could substantially impair oral health-related quality of life. In dental schools, periodontal/oral health care workers are trained up to various levels concerning management of such diseases via therapeutic approaches built upon a systematic model: systemic phase, hygienic/cause-related phase, corrective (comprising surgical, restorative and/or multidisciplinary interventions) phase, and supportive periodontal care (SPC). Despite numerous clinical reports demonstrating the efficacy of the above treatment principle, the incidence of recurrent periodontitis or unsuccessful periodontal treatment remained substantial. Main reasons for the failure include clinicians concerned not able to i) continuously secure/maintain the desired periodontal status and/or therapeutic outcomes, and/or ii) accurately evaluate the concurrent periodontal health/treatment needs of the patients concern. The failure in patients’ compliance towards stringent oral hygiene and SPC demands in part contributed to the unsuccessful outcomes. This presentation highlighted the significance of the above challenges and explored possible ways clinicians might promote periodontal health at their community.
REGISTRATION DETAILS

Register before Closing Date to enjoy the early bird discount.

Registration closes on **17 May 2019**. For enquiries, please contact:
Tel: +65 6772 4965 / Email: denkjjnus.edu.sg

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

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### How to Register

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

National University Centre for Oral Health, Singapore
9 Lower Kent Ridge Road
Singapore 119085
Attention: Ms Priya / 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 **17 May 2019**. 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 **17 May 2019**. 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

## 23rd NUS Clinical Dentistry Symposium
Sunday, 26 May 2019

### Your Particulars

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### Method of Payment

- **Cheque** (made payable to National University of Singapore)
  - Bank/Cheque No.
  - Amount
- **Visa/Mastercard**
  - Cardholder Name
  - Card No.
  - Expiry Date
  - Amount
  - Signature