



SDA CONVENTION 2025 SPEAKERS AT A GLANCE

5TH & 6TH APRIL (SAT & SUN) | ORCHARD HOTEL SINGAPORE

DENTISTRY TODAY: EMBRACING CHANGE, DRIVING PROGRESS, PUSHING FRONTIERS

We are excited to reveal our lineup of speakers for the SDA Convention 2025. Every fortnight, we will unveil two speakers, each exploring a variety of topics. Register now by [CLICKING HERE](#) or scanning the QR code to enroll and glean insights from these speakers.

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* RATE IS INCLUSIVE OF GST

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ON-SITE (5TH APR 25)

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convention@sda.org.sg

DR. CHRISTOPHER SIM

PUSHING THE SURGICAL AND PROSTHETIC BOUNDARIES OF FULL ARCH ORAL REHABILITATION WITH DENTAL IMPLANTS



- BDS Singapore, National University Of Singapore 1981
- MSc Conservative Dentistry, Eastman Dental Institute, University Of London 1984
- FAMS Prosthodontic 1998. Prosthodontist Registration 2008.
- Director Mount Elizabeth Dental Surgery.
- International Speaking Engagements In Dental Implants Includes,
 - Hong Kong 2009, 2012
 - Bangkok 2009
 - Shenzhen 2010
 - Krakow 2011
 - Ho Chi Minh City 2012
 - Tokyo 2012
 - Kuala Lumpur 2012
 - Shanghai 2013
 - Yokohama 2015
 - Sydney 2016
 - Barcelona 2017
 - Seoul 2018
 - Taipei 2019

SYNOPSIS

For the restorative dentist, prosthetic driven implant placement is more desirable. It ensures that the dentist is able to replace a tooth at its original position, thus retaining both its aesthetic and function. Conversely, for the implant surgeon, bone driven implant placement is preferable, as it is a biologically sound option.

In an atrophied jawbone planned for full arch dental implants rehabilitation, a fine balance must be struck between these diametrically opposing concepts so as to simplify bone grafting procedures, implant placements and prosthetic procedures.

In this lecture, modified surgical techniques for narrow ridges and prosthetic compensation for implants placed in less than ideal positions will also be presented.

LEARNING OBJECTIVES

- Treatment planning for full mouth implants in thin ridges.
- Understanding the delicate balance between bone driven and prosthetic driven implant placement for atrophic bone and the limitations of each concept.
- Modified surgical and prosthetic techniques for narrow ridges.
- How to push the surgical and prosthetic boundaries to the limit in order to minimise and simplify bone grafting procedures.

KEY WORDS

Full Mouth Implants, Atrophic Alveolar Bone, Surgical And Prosthetic Procedures, Simplified Bone Grafting Procedures

For any enquiries, please contact us at convention@sda.org.sg

ADJ. ASSOC. PROF. LOH KAI WOH

SHORT AND SWEET ORTHODONTICS: TIPS AND TECHNIQUE TO AVOID PROLONGED ORTHODONTIC TREATMENT



- BDS (U Of Singapore). MDS (U Of Pittsburgh)
- Founding President - Association Of Orthodontists, Singapore
- Past President - Asian Pacific Orthodontic Society
- Past Hon Gen Secretary - Singapore Dental Association
- Adjunct Associate Professor - National University Of Singapore

- Past Visiting Professor - Wenzhou Medical College
- Delivered Lectures In 24 Countries

SYNOPSIS

Orthodontic treatment can be a long-drawn affair. In rare cases, orthodontic treatment can be prolonged to 5 years. This can be very stressful for both the patient and the clinician. To ensure a short and sweet orthodontic treatment, proper diagnosis and treatment planning are most vital. It is through these procedures we can then make a proper case selection for orthodontic treatment according to the level of competence of the clinician. Appropriate case selection will lead to a shorter treatment time. In general, extraction cases will take a longer time. Class 1 malocclusion cases will take a shorter time.

LEARNING OBJECTIVES

- Diagnosis
- Case selection
- Reduce treatment time

KEY WORDS

Diagnosis, Treatment Plan

For any enquiries, please contact us at convention@sda.org.sg

DR. MATTHEW WONG

7 MYTHS ABOUT DIGITAL DENTISTRY DEBUNKED



- BDS 2009 From The University Of London, UK
- MJDF Post-Graduate Diploma From The Royal College Of Surgeons, UK
- Clinical Director, Elements Dental, Singapore
- Graduate, Kois Center Of Advance Dentistry, Seattle
- International Lecturer In Topics On Restorative Dentistry, Aesthetic Dentistry, Dental Photography And Digital Dentistry
- Chairperson For Continuous Dental Education For The College Of General Dental Practitioners (Cgdp) Of Singapore
- Key Opinion Leader For 3shape, GC, Polydentia

SYNOPSIS

For years, digital dentistry has been often described as the next paradigm shift, promising greater level of efficiency, accuracy and predictability. After almost a whole decade of development and advancements, it has completely changed how dentistry is done for some early adopters, while others continue question whether this is just a fancy expensive trend that adds very little value to how things are traditionally done.

In this lecture, I will be addressing 7 commonly held beliefs surrounding digital dentistry, with the aim to dispel some myth about the subject and bring clarity to the matter, hoping that by the end of the lecture to convince the audience that digital dentistry is no longer the future, but it is indeed the now.

LEARNING OBJECTIVES

- Understanding the value of digital dentistry with regards to clinical planning, lab communication, infection control, time & cost savings
- Understanding various appliance fabrication made possible for beginners
- Understanding the limitations of conventional analogue dentistry in the modern age
- Understanding how return of investment can be achieved with the adoption of digital dentistry
- Understanding how digital dentistry can be a valuable tool for patient education and diagnosis

For any enquiries, please contact us at convention@sda.org.sg

DR. NG CHOON YAU

CLEAR ALIGNER ORTHODONTIC TREATMENT : KNOW WHEN TO TREAT AND WHEN TO REFER



- BSc (Melbourne)
- General Practitioner, Tanglin Dental Group
- Holds Degrees From National Yang Ming University (Taiwan) And University Of Melbourne (Australia)
- Attended Basic Comprehensive Orthodontic Course And Comprehensive Course In Clear Aligner Orthodontics By Dr. Kenneth Lew, Organised By CGDP
- Certified And Experienced In Various Fixed Braces And Clear Aligner Systems.

SYNOPSIS

Unlocking the full potential of clear aligner orthodontic treatment can transform your career and advance your practice. This presentation offers practical insights on identifying ideal cases, understanding the limitations of aligners, and managing informed consent. For general practitioners, prudent case selection is crucial for effective orthodontic treatment. This session will utilise the SIA classification system to guide decision-making and enhance patient outcomes.

LEARNING OBJECTIVES

- Identify Suitable Cases
- Understand Limitations
- Informed Consent
- Referral Protocol

KEY WORDS

Indications, Complexity, Treatment Goals, Referral Criteria (SIA Classification)

For any enquiries, please contact us at convention@sda.org.sg

DR. RONNIE YAP

THE UGLY SIDE OF DENTAL VENEERS : ADDRESSING FAILURES, COMPLICATIONS, AND THE IMPACT OF ILLEGAL PRACTITIONERS



Dr. Ronnie Yap is past President of the Asian Academy of Aesthetic Dentistry and also past President of the Aesthetic Dentistry Society of Singapore. He was previously an adjunct senior lecturer in the restorative dentistry department of the National University of Singapore. Dr. Ronnie Yap is currently a partner in two private group dental practice with a total of 20 dentists where his area of practice is focused on aesthetic and restorative dentistry, clear aligner therapy and Airway / TMD dentistry.

He is also co-founder of the Aesthetic and Digital Dentistry Academy which provides training courses for dentist with live patient courses, hands-on and demonstrations.

He is currently on the editorial board of the International Journal of Esthetic Dentistry and seats on advisory panel of the MiCD (Minimally Invasive Cosmetic Dentistry) Global Network. Ronnie has lectured extensively in Asia (including Japan, China, Korea and most of the South East Asian nations) on the topic of aesthetic dentistry. In addition, he has a keen interest in nutrition, exercise and health.

SYNOPSIS

In an era where aesthetic dentistry is increasingly sought after, dental veneers have continued to gained popularity as a solution for enhancing smiles. However, this lecture will delve into the often overlooked challenges and pitfalls associated with veneer procedures. We will discuss complications and failures that can arise from both dentist and illegal dental services offered by beauticians.

Participants will gain insight into poorly executed cosmetic dentistry, often performed by beauticians lacking formal dental training. Many consumers remain unaware of the substandard quality of these treatments, leading to disappointing results and, in some cases, significant oral health issues. We will discuss the ramifications of these practices and the ethical responsibilities that dental professionals need to bear to protect the public.

Additionally, the lecture will address the shortcomings of licensed dentists who may not have received adequate training in aesthetic dentistry. Such inadequacies can result in less-than-ideal outcomes and dissatisfied patients, especially in patients with a high aesthetic awareness.

Dr Ronnie will also cover effective strategies for resolving problems created by unlicensed practitioners and for correcting or redoing previously done professional veneers. Attendees will learn best practices for patient communication, managing expectations, and implementing corrective procedures that restore both function and aesthetics. Join us for this critical discussion aimed at enhancing the quality of dental care and ensuring that patients receive the safe, effective, and beautiful results they deserve.

For any enquiries, please contact us at convention@sda.org.sg

DR. JOHN TAY

A FRESH LOOK AT ROOT RESECTIVE THERAPY IN PERIODONTALLY COMPROMISED MOLARS



Dr. John Tay is an Associate Consultant at the Department of Restorative Dentistry, National Dental Centre Singapore (NDCS). His current practice includes the management of severe forms of periodontitis, and performs periodontal and implant surgeries for patients with unrestorable teeth, anatomical deformities, and masticatory dysfunction. He firmly believes in the need to rely on sound scientific evidence to deliver the best care for his patients. He was awarded the NMRC Research Training Fellowship in 2024,

and strives to be a clinician-scientist by exploring the interrelationships between periodontitis and the overall health of the patient, as well as engaging in health services research to deliver optimal outcomes for his patients.

SYNOPSIS

Restorative treatment becomes challenging when molars are affected by periodontal attachment loss. Retaining periodontally involved teeth may be seen as compromising the overall restorative plan, but extractions are not the only alternative. Root resective therapy involves removing one root at the level of the furcation while leaving the remaining roots with part or all of the crown intact. This presentation will cover the rationale for root resective therapy in the context of periodontal treatment. Potential complications, the need for hard tissue grafting, and novel concepts in resective protocols will also be discussed.

LEARNING OBJECTIVES

- Rationale For Root Resective Therapy
- Indications For Root Resective Therapy
- Potential Complications
- Novel Root Resective Concepts

KEY WORDS

Root Amputation, Furcation Defects, Periodontal Surgery, Hopeless Teeth, Tooth Survival

For any enquiries, please contact us at convention@sda.org.sg

DR. TONG HUEI JINN

OUTMANOEUVRING THE ANXIOUS GENERATION ALPHA CHILD – MOVING FORWARD IN BEHAVIOUR MANAGEMENT



- BDS (Singapore); MDentSci With Distinction (Leeds, UK); MPaeddent RCS (England)
- Vice President, Society For Paediatric Dentistry (Singapore)
- Accredited Specialist In Paediatric Dentistry (Private Practice - Petite Smiles Children's Dental Clinic)
- Special Interests: Managing Special Needs Children; Interdisciplinary Management Of Dental Trauma; Systematic Reviews

SYNOPSIS

Behaviour management is the cornerstone in paediatric dentistry, where the child's level of cooperation directly influences how well dental treatment can be performed. Behavioral management is often challenging as clinicians need to be familiar with a range of techniques to meet individual patient's needs, while being flexible in their implementation. This lecture will cover modern strategies for behaviour guidance applicable to the anxious child of this generation and their parents. The evidence behind the effectiveness and acceptability of these new techniques in comparison with traditional behaviour management strategies will be presented.

LEARNING OBJECTIVES

- To provide an evidence-based appraisal on the effectiveness and acceptability of both conventional and modern behaviour management strategies and their modifications.
- To present an update on recent advancements and modern strategies for behaviour guidance in paediatric dentistry.
- To discuss the ethical and practical considerations, as well as future directions of behavior management.

KEY WORDS

Behaviour Management, Anxious Children, Paediatric Dentistry

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DR. JOHN LOH

ORAL CANCER – DIAGNOSIS AND THE ROLE OF THE GENERAL DENTAL PRACTITIONER



John Ser Pheng Loh is a practicing Oral and Maxillofacial surgeon from the National University Centre for Oral Health, Singapore (NUCOHS) as well as the National University Cancer Institute, Singapore (NCIS), under the National University Healthcare System (NUHS) in Singapore. He graduated with the Bachelor of Dental Surgery from the National University of Singapore and the Master in Dental Surgery from the University of Hong Kong. He obtained his medical degree (MBBS) from Barts and the London School of Medicine and Dentistry, Queen Mary College, University of London, UK. John holds a concurrent appointment as Assistant Professor in the Faculty of Dentistry,

National University of Singapore. He subspecializes in Oral Oncology and Reconstruction Surgery and has undergone dual fellowship training in the Department of Head and Neck Oncology and Reconstructive Surgery, Shanghai 9th Hospital, China and Mund-, Kiefer- und Gesichtschirurgie (MKG), Klinikum Rechts der Isar at the Technical University of Munich (TUM), Germany. He is also a researcher with N1.Institute of Health, NUS as well as the OMFS-IMPACT (Katholic University of Leuven, Brussels)

SYNOPSIS

Oral cancer is a common malignancy with high morbidity and mortality, however general public awareness remains limited. Every year, 377,713 new cases are reported worldwide, representing 2% of all new cancer cases. There are, however, very wide regional variations, and Asia has the highest incidence of oral cancer of all continents, which may be closely linked to local lifestyles and cultural practices. Although the well-established aetiological factors associated with oral cancer such as smoking, betel quid, and alcohol are avoidable, many individuals continue to engage in these behaviours. The incidence of oral cancer is relatively low in Singapore with a 5-year prevalence of oral cancer in all age groups estimated at 12.79 per 100,000. This will likely change as immigration patterns, a major driver of Singapore's population growth, evolve with increased immigration from other countries including India where oral cancer accounts for as much as 30% of all cancers. In addition, an emerging incidence of oral cancer associated with human papillomavirus (HPV) in the younger population has been observed worldwide, especially in developed countries, and is likely to increase the burden of oral cancer in Singapore in the coming years. Tongue cancer is also an emerging disease in the young female cohorts in Singapore.

In this talk, the speaker will discuss the current understanding of oral cancer and its diagnosis, as early diagnosis helps with the disease outcomes. There will be a focus on the role of the general dental practitioner (GDP) and the significant impact GDPs have on oral cancer management.

For any enquiries, please contact us at convention@sda.org.sg

DR. YUE WENG CHEU

THE ROLE OF DENTISTS IN DETECTION AND MANAGEMENT OF SLEEP RELATED BREATHING DISORDERS



- Founder And Director Of DP Dental (Katong And Orchard)
 - Completed BDS At NUS, Awarded The Pierre Fauchard Academy Foundation Annual Scholarship
 - Elected FRACDS And Member Of The Joint Dental Faculties Of The Royal College Of Surgeons, England, MJDF RCSEng
 - Special Interest In TMD, Completed Two Mini-Residencies In Dental Sleep Medicine At TUFTS University
 - Lectures Internationally On Digital Dentistry, Laser, TMD And MFT
- Delivered TEDxSingapore Talk In 2017 On Wellness Through The Power Of The Tongue
 - Serves On The Advisory Board for Nanyang Polytechnic's School Of Oral Health Therapy
 - Editorial Board Member Of The International Journal Of Orofacial Myology And Myofunctional Therapy

SYNOPSIS

Dr. Yue emphasizes the critical role dentists play in managing overall health through a dental approach. Understanding cranial nerves, reflexes, and oral functions is essential for identifying and addressing sleep-related breathing disorders (SRBDs). The tongue, acting as a valve, controls airflow during sleep, impacting craniofacial development and respiration. With millions affected by SRBDs, dentists are now at the forefront of screening and co-managing these conditions with medical professionals. It is imperative for dentists to be equipped with knowledge to address this growing global health crisis.

LEARNING OBJECTIVES

- Define Sleep Related Breathing Disorders (SRBDs)
- Understand the Role Of Dentists In Identifying Patients Who Are At Risk Of SRBDs
- Prevention And Co-Management Of SRBDs With The Dental, Medical And Allied Teams

KEY WORDS

Mouthbreathing, Snoring, UARS, OSA, Myofunctionaltherapy, MAD

For any enquiries, please contact us at convention@sda.org.sg

DR. ADRIAN SAURAJEN

THE ROLE OF THE DENTIST IN RECOGNITION AND MANAGEMENT OF OBSTRUCTIVE SLEEP APNOEA



- MBBS (Sydney) FRCS (Edin) FRCS (Glas) FAMS (ORL) MMed (Sleep Medicine) (Syd)
- Fellowship In Sleep Medicine And Sleep Surgery (Medical College Wisconsin)
- Member Of Chapter Of Sleep Medicine Physicians And Chapter Of Otorhinolaryngologists, Academy Of Medicine
- Senior Consultant ENT Surgeon Nobel ENT Centre

Dr. Adrian Siew Ming Saurajen is an ENT Surgeon with subspecialty training in Sleep Medicine and Surgery. He also has a special interest in Pediatric ENT development of the dentofacial airway. He is a proponent of the multidisciplinary approach in the management of obstructive sleep apnoea and has given talks locally and overseas on collaborative management of Obstructive Sleep Apnoea. He is a member of both the Chapter of Sleep Medicine Physicians and Chapter of Otorhinolaryngologists at the Academy of Medicine. His practice is at the Nobel ENT Centre at Gleneagles Medical Centre.

SYNOPSIS

Obstructive Sleep Apnoea is highly prevalent in Singapore. This talk will show dentists how to recognize clinical features of patients at risk of or who have sleep apnoea. It will also give an overview of the development of the craniodentofacial respiratory complex and emphasise the role of the dentist in management and modification of this complex. The last segment will focus on the Dentist's role in the management of obstructive sleep apnoea. Management of Obstructive Sleep Apnoea requires a multidisciplinary approach and the Dentist has an important role in the management alongside Sleep Physicians, Sleep Surgeons (ENT) and Myofunctional therapists.

LEARNING OBJECTIVES

CD evelopment Of The Craniodentofacial respiratory Complex

- How Dentists Can Help Manage This Complex And Improve The Airway
- How Dentists Can Recognize Patients At Risk Of Developing Sleep Apnoea
- How Dentists Can Recognize Patients With Obstructive Sleep Apnoea
- How Dentists Can Help In The Management Of Obstructive Sleep Apnoea

KEY WORDS

Dental Sleep Medicine, Palate Expansion, Mandibular Advancement Device, Myofunctional Therapy

For any enquiries, please contact us at convention@sda.org.sg

DR. KENNETH LEW

TO TREAT OR NOT TO TREAT MORE CHALLENGING MALOCCLUSIONS WITH CLEAR ALIGNERS?



- Founder Member And Past President Association Of Orthodontics (Singapore)
- Currently, Full Time Orthodontist, Tanglin Dental Surgeons, Singapore
- Specialist Orthodontist
- BDS (Singapore) Under PSC Scholarship
- MDS (Orthodontics) Adelaide Under NUS Postgraduate Scholarship
- FDSRCS (Edinburgh)
- FAMS (Singapore)
- Full Time Academic Staff, Dentistry NUS 1987-1994
- Consultant Orthodontist NUH Till 1994
- Former Co-Director MDS Orthodontics Program (NUS)

Mentoring, education, and clinical practice are in Dr. Kenneth Lew's DNA. In 1994, Dr. Lew continues to lecture and conduct hands-on courses regionally in collaboration with The College of General Dental Practitioners (Singapore), Xpert Dental Academy (Hong Kong) and Ancora Imparo (Malaysia) on Fixed Orthodontic Appliances and Clear Aligner.

Invisalign certified in 2005. Invisalign Diamond provider for the last 9 years (2016 - current). Dr. Kenneth Lew is chuffed to know he played a small role in conducting Invisalign Training Courses in erstwhile 'frontier' markets such as India, Vietnam, Korea, Thailand, and Philippines. Dr. Kenneth Lew continues to serve as a personal mentor to dentists and consultant to various aligner and orthodontic brands in Asia.

SYNOPSIS

Clear Aligners made its inroads into Singapore in 2005. Integrating Clear Aligners into our dental practice expands the possibilities which we have available to offer our patients. The lecture aims to share protocols to empower dentists, enabling them to treat more challenging malocclusions with clear aligners. Focus will be on the common misconceptions and scepticism regarding aligner treatment being less effective than fixed appliances - is this always true? We will also be sharing how to refine your existing aligner workflow to minimise refinement rates in these more complicated malocclusions. Lastly, multidisciplinary treatments involving Clear Aligner with restorative dentistry, periodontics and orthognathic surgery will be discussed to illustrate how to seamlessly integrate these subspecialties.

LEARNING OBJECTIVES

- Classification Of Clear Aligners
- Understanding The Simple Intermediate Advanced (Sia) Classification For Clear Aligner
- Treatment To Minimise Clinical Risk.
- Interdisciplinary Treatment With Clear Aligners

KEY WORDS

Clear Aligner Orthodontics, Multidisciplinary Treatment, Predictable Orthodontic Treatment

For any enquiries, please contact us at convention@sda.org.sg

DR. HAMED FESHARAKI

FUTURE OF DENTISTRY : WHAT ROLE WILL AI PLAY?



- Dr. Hamed Fesharaki: Distinguished Dentist And Entrepreneur
- Industrial Engineer Before Pursuing Dentistry
- Received Trinity College Foundation Scholarship
- Bachelor Of Dental Science, University Of Dublin - Trinity College
- Pioneered See-through Dental Office In Singapore (2016)
- Co-founded Adravisoin, Leveraging AI For Dental Care

SYNOPSIS

Artificial Intelligence (AI) is set to revolutionize dentistry by enhancing diagnostic accuracy, streamlining workflows, and personalizing patient care. AI-powered tools can analyze dental X-rays and images with remarkable precision, identifying cavities, infections, and other issues that may be missed by the human eye. These advancements lead to early detection and more effective treatment plans. Additionally, AI can automate administrative tasks, allowing dental professionals to focus more on patient care. By integrating AI into dental practices, the industry can expect significant improvements in efficiency, accuracy, and patient outcomes, heralding a new era in dental healthcare.

LEARNING OBJECTIVES

- **Understand The Role Of AI In Diagnostic Accuracy** : Learn How AI-powered Tools Can Enhance The Precision Of Dental Diagnostics By Analyzing X-rays And Images To Identify Cavities, Infections, And Other Dental Issues
- **Explore's Impact On Workflow Efficiency** : Examine How AI Can Streamline Dental Workflows By Automating Administrative Tasks, Allowing Dental Professionals To Focus More On Patient Care
- **Recognize The Benefits Of Early Detection** : Understand The Importance Of Early Detection Of Dental Issues Through AI Technology And Its Impact On Creating More Effective Treatment Plans
- **Assess The Potential For Personalized Patient Care** : Discover How AI Can Personalize Patient Care By Providing Tailored Treatment Recommendations Based On Precise Diagnostic Data
- **Analyze The Future Trends In Dental Healthcare** : Investigate How Integrating AI Into Dental Practices Can Lead To Significant Improvements In Efficiency, Accuracy, And Patient Outcomes, Ushering In A New Era In Dental Healthcare

KEY WORDS

Artificial Intelligence (AI), Diagnostic Accuracy, Dental Imaging, Workflow Automation, Personalized Patient Care

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DR. BAO TRUONG

ENHANCING DENTAL EDUCATION WITH AI-POWERED COGNITIVE TRAINING TOOLS



- Associate Clinical Instructor, UCSF Pediatrics; Founder/CEO Of Med2Lab Inc.
- Education: M.D., Harvard Medical School; B.S., UC San Diego; Residency / Fellow At UC San Francisco
- Key Roles: Developed AI For Medical Training, Coordinator For Pediatric Cancer Care Support Network
- Research: Utilization Of AI In Training And Patient Navigation, Global Health Implementation, Neuroblastom

SYNOPSIS

This presentation introduces an innovative application of generative artificial intelligence (AI) for professional training & continuing education in dentistry. Traditional educational technologies often fall short in promoting cognitive skills crucial for lifelong learning. Our AI model simulates three personas: a virtual patient for real-life scenario role-playing, a virtual preceptor offering real-time feedback, and a virtual teaching assistant aiding curriculum development and feedback quality assurance. Using Retrieval-Augmented Generation (RAG) techniques, we mitigate the risks of hallucination, thereby facilitating individualized, interactive, and insightful learning experiences. We aim to gather insights from the dental community to refine and optimize this pioneering approach.

LEARNING OBJECTIVES

- To Understand The Fundamental Principles And Potential Applications Of Generative AI In Dental Practice
- To Recognize The Limitations And Potential Pitfalls Associated With The Use Of Generative AI
- To Learn Techniques For Maximizing The Benefits Of Generative AI In Training While Minimizing Associated Risks
- To Explore Methods For Enabling AI To Assume Various Personas And Utilize Validated, Citable Knowledge Sources
- To Grasp The Importance Of And Techniques For Reviewing And Validating Generative AI Applications In Healthcare

KEY WORDS

Artificial Intelligence (AI), Large Language Model (LLM), Continuing Education, Cognitive Skills, Communication

For any enquiries, please contact us at convention@sda.org.sg

PROF. PETER SVENSSON

TMD – IS IT ONLY MYALGIA?



Professor, Faculty Of Dentistry, National University Of Singapore
I am a passionate clinical scientist focused on orofacial pain research, teaching and clinic for +30 years.

DDS (1987), Ph.D. (1993), Dr.Odont. (2000), Odont.Dr. (h.c.) (2013)

My innovative and collaborative research has focused on peripheral and central orofacial pain mechanisms, neuroplasticity, trigeminal motor physiology, bruxism, advanced quantitative sensory testing, electrophysiology, brain imaging and temporomandibular disorders

promoting the field of orofacial neurosciences in order to improve patient health and wellbeing.

>600 original research papers, reviews and book chapters.

H-index = 75

I am proud to have contributed to new international pain, headache and orofacial pain and bruxism classifications and guidelines. I am ranked #1 in the world lifetime for orofacial pain (ScholarGPS) and #3 in the field of facial pain research (Expertscape). I have lectured and disseminated research findings across the world linking assessment of orofacial pain to clinical management.

+300 lectures, seminars and courses

My clinical activities helping patients with various types of orofacial pain and dysfunction keep me reminded of the continued need to integrate research and teaching with clinical care.

SYNOPSIS

Temporomandibular Disorders (TMD) are prevalent across the lifespan, peaking around age 40, and are more common in women than men. TMD is often associated with emotional distress, functional limitations, and a negative impact on quality of life. Pain in the masticatory muscles (myalgia) manifests in various forms, both acutely - due to tooth grinding or clenching - and chronically, ranging from occasional episodes to daily occurrences. Importantly, other types of TMD, such as temporomandibular joint (TMJ) pain, frequently occur, with or without disc displacement or degenerative conditions. These issues may cause clicking, popping sounds, crepitation, and restricted movement of the lower jaw. Additionally, acquired and congenital disorders can affect the masticatory muscles, TMJ, and related structures. These factors should be considered during history-taking, clinical examination, and when determining the need for further investigations and developing the best management strategy for each individual patient.

For any enquiries, please contact us at convention@sda.org.sg

DR. MYRA ELLIOTT

RE-THINKING ABOUT ANTIBIOTICS



The problem of Antimicrobial resistance (AMR) is truly prevalent Worldwide. This is especially so in developed countries where the use of antimicrobials is high (Singapore being no exception).

Prescription of antibiotics by dentists is widespread for odontogenic infections. In developed countries, dentists prescribe between 7 to 18 % of all the prescriptions written for beta-lactams, macrolides clindamycin and metronidazole. Amongst all the health professions, dentists are the third

highest prescribers of antibiotics (after medical general practitioners and paediatricians and physicians).

The prescription of Antibiotics by Singapore dentists varies a great deal as to the quantity and period of treatment. The true necessity of the drugs does not seem to be questioned

Encouraged by the College of Dental Surgeons – AM a group of us scoured through numerous papers looking at evidence base facts for the prescription of antibiotics in dentistry

We have comprehensively looked into the use of antibiotics in oral and maxillofacial surgery, endodontics, periodontal care, children / the elderly / immunologically compromised / patients undergoing oncological treatment. The evidence is from the scientific literature and expert consensus.

We have also taken another look also at the regimes for antibiotic prophylaxis in the prevention of infective endocarditis and prosthetic limb implants. These have been constantly changing over time.

These facts will hopefully encourage you to think twice before dishing out another pile of antibiotics to your patient in the dental chair.

Unlock the enigmatic footsteps of Dr Myra Elliott whose voice resonates with wisdom and charisma as you navigate through the pages of a CV. **CLICK NOW** to embark on a journey.

For any enquiries, please contact us at convention@sda.org.sg

PROF. PHILIP MARTIN MCCLOUGHLIN

“AS PLAIN AS THE NOSE ON YOUR FACE.” THE DENTISTS GUIDE TO SKIN CANCER



The incidence of skin cancer increased by 33% in the decade between 2009-2019. In the last year 400,000 cases were reported in the UK and over 5,500,000 in the USA. It will affect 1 in 4 people in those countries. The highest incidence of skin cancer is in Australia at 37 per

100,000 population which dwarfs the 4.3 per 100,000 found in SE Asia, but still in both the incidence is rising. Up to 80% of skin cancers occur on the visible areas of the head and neck, easily within the focal length of the dental surgeon. This lecture aims to justify why the dentist should be able to recognise a skin malignancy and offers some help in how to do just that.

Embark on a voyage through Prof. McLoughlin, and explore a reservoir of expertise waiting to be uncovered in the CV. [**CLICK HERE**](#) to unravel his captivating narrative.

For any enquiries, please contact us at convention@sda.org.sg

TEAMWORK APPROACH BETWEEN THE SPECIALIST ORAL SURGEON AND THE GENERAL DENTIST IN DENTAL IMPLANT THERAPY

SYNOPSIS

This lecture will focus on the critical role of interdisciplinary collaboration between specialist oral surgeons and general dentists in dental implant therapy. Attendees will learn how a coordinated team approach enhances the precision, success, and overall patient satisfaction in implant cases. The lecture will outline each professional's distinct responsibilities, from initial diagnosis and treatment planning to surgical execution and final prosthetic restoration. Emphasis will be placed on effective communication strategies, the use of advanced digital tools, and the establishment of shared treatment goals. Through case studies and real-life examples, the lecture will illustrate how a well-coordinated effort can overcome complex clinical challenges and deliver superior results. By the end of the session, participants will have a deeper understanding of the benefits of interdisciplinary teamwork and practical strategies to apply these principles in their practices.

DR. LAI JUEN BIN

He received his Bachelor of Dental Surgery from National University of Singapore (NUS) in 2000 during which he received numerous awards (Dean's List, Singapore Dental Association Bronze Medal, Gold Medal for best in clinical dentistry). Thereafter, he completed Masters of Dental Surgery in Oral & Maxillofacial Surgery and obtained Fellowships of the Royal Australasian College of Dental Surgeons and Academy of Medicine Singapore.



[CLICK HERE FOR MORE DETAILS ON DR. LAI JUEN BIN.](#)

DR. GERALD TAN



Dr Gerald Tan graduated from the Faculty of Dentistry, National University of Singapore, in 2003 with a Bachelor of Dental Surgery. He then obtained his first post-graduate qualification from the Royal Australasian College of Dental Surgery, Sydney, in 2007, and his second from the Faculty of General Dental Practice and Faculty of Dental Surgery, Royal College of Surgeons of England in London, in 2008. In 2021, he obtained his Post-Graduate Diploma in Dental Implantology again from the Faculty of Dentistry, National University of Singapore. In 2021, he also became the first and only dental

surgeon in Singapore to be awarded Diplomate status in the Asia Pacific Academy of Implant Dentistry from Taipei, Taiwan.

[CLICK HERE FOR MORE DETAILS ON DR. GERALD TAN.](#)

For any enquiries, please contact us at convention@sda.org.sg

THE CHANGING FACE OF ENDODONTICS - AT THE CUTTING EDGE

SYNOPSIS

With rapid developments in Dental Science, Technology and Innovation, the Practice of Endodontics is constantly evolving.

This lecture will describe some changes in fundamental philosophies and approaches to every day endodontic diagnosis, management and treatment which has enhanced our ability to retain more teeth, made Endodontic practice simpler, reduced working time and improved efficiency and predictability.

LEARNING OBJECTIVES

- Know some of these advances and changes in current Endodontic philosophies and practices
- Understand some 'pitfalls' when using these advances inappropriately in clinical practice
- Able to distinguish and balance these advances to achieve clinical excellence

A/PROF. PATRICK TSENG

Dr. Patrick Tseng is the current President of the Singapore Dental Council.

He is the Executive Director of the National University Centre for Oral Health Singapore (NUCOHS), Group Chief, Dental Services of the National University Health Systems (NUHS) and an Associate Professor in the Division of Endodontics, Operative Dentistry and Prosthodontics at the National University of Singapore (NUS). He is also a Senior Consultant at the National University Centre for Oral Health Singapore (NUCOHS) and specializes in Endodontics.



[CLICK HERE FOR MORE DETAILS ON A/PROF. PATRICK TSENG.](#)

DR. GORDON TAM



- Bachelor of Dentistry 2002 (NUS)
- Exco member, Aesthetic Dentistry Society Singapore
- Member, Singapore Dental Association
- Member, American Association of Cosmetic Dentistry
- Mentor Group Member, CDOCS Spear Education, USA
- CAD-CAM trainer and user since 2009
- Key Opinion Leader, Zeiss Microscope
- Microscopic Dentistry Practitioner more than 10 years

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DR JAMES FOSTER

MEDICOLEGAL CONSIDERATION FOR AI IN DENTISTRY



Head of Dental Services,
Asia & Australasia
@Dental Protection

After qualifying from Newcastle Dental School in 1990, James spent sixteen years in general practice where he ran two practices in Northumberland. James has held various roles with the Northern Deanery, including VT Adviser (latterly as a GPT Scheme Adviser), Workforce Adviser, Dental Tutor and a PCD Tutor. He has also worked as a Clinical Supervisor in Prosthodontics at Newcastle

Dental Hospital. James obtained a master's degree in Medical Law in 2005 and holds the MFGDP(UK) and a Certificate in Clinical Education. James is also a trained mentor. After joining Dental Protection in 2004 as a local adviser, James was appointed associate dentolegal adviser before becoming a full-time dentolegal adviser in March 2008. He handled cases from several jurisdictions and in 2014 was appointed Head of Dental Services for Australia and New Zealand – a role that now also includes Asia, and the Caribbean and Bermuda.

SYNOPSIS

AI in dentistry presents transformative opportunities, but ethical and legal considerations must be addressed to maximize benefits while mitigating risks.

The adoption of AI is not without risk. It raises significant ethical, legal, regulatory and professional challenges, particularly concerning liability, patient autonomy, data privacy, and algorithmic bias.

This session will explore the dentolegal issues around the use of AI in dentistry including -

- 1) Role of AI in diagnosis and image analysis
- 2) Risks of AI in treatment planning / clinical decision making
- 3) AI assisted surgery
- 4) Patient communication and Record keeping
- 5) Who is ultimately responsible? Legal and Regulatory implications

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