

# Alumni Association – Faculty of Dentistry NUS

Dental Symposium

(AA-FOD Symposium 2015)

Oct 10th & 11th 2015

Auditorium 2 @Stephen Riady Centre

University Town

2 College Avenue West, Singapore 138607



Faculty of Dentistry



## October 10th 2015, Saturday

Time	Topic	Speaker	Moderator
0800	Registration		
0830-0840	Opening Address by Dr Thean Tsin Piao, Organising Chairman Alumni Association		
0840-0930	Address by Prof Grace Ong, Dean Faculty of Dentistry NUS Address by Dr Alvin Lee, Chairman (2014-15) Alumni Assn Update on Endodontics for the General Dental Practitioner	Clinical A/Prof Patrick Tseng	A/Prof Jennifer Neo
0930-1020	A Multidisciplinary Approach to Aesthetic Dentistry	Dr Jerry E Y Lim	A/Prof Jennifer Neo
1020-1040	<b>Tea Break</b>		
1040-1140	<b>Functional Posterior Restorations:</b> Achieving Superior Clinical Outcomes with Universal Adhesives and Bulk-Fill Materials	Dr Thomas Attin	Dr Kuan Chee Keong
1140-1230	Spirit of Volunteerism amongst the Dental Personnels in Singapore.	Dr Dominic Leung	Dr Kuan Chee Keong
1230-1330	<b>Lunch</b>		
1330-1430	Dental erosions: Restorative therapy with direct composite restorations.	Dr Thomas Attin	Dr Loke Wei Qiang
1430-1510	The Evolution of Perio-Prosthetics 1965 to 2015	Dr Tony Thong	Dr Loke Wei Qiang
1510-1540	<b>Tea Break</b>		
1540-1630	Orthodontic management of Impacted Teeth	Dr Seow Yian San	Dr Tan Chin Hwee
1630-1720	Botox and Fillers for Facial Aesthetics	Dr Aaron Pang	Dr Tan Chin Hwee
1720-1750	<b>Q &amp; A</b>		

## October 11th 2015, Sunday

0830-0840	Registration Valedictorian Dr Sarah Chua Class 2015		
0900-0950	Something new from Something old	Dr Djeng Shih Kien	Prof Chew Chong Lin
0950-1040	Digital technology and its approach in Prosthodontics and Implant Dentistry: A wise investment?	Dr Wong Keng Mun	Prof Chew Chong Lin
1040-1110	<b>Tea Break</b>		
1110-1200	First Do No Harm	Dr Myra Elliott	Dr Asha Karunakaran
1200-1300	<b>Lunch</b>		
1300-1350	The Treatment Dilemma of MIH (Molar-Incisor Hypomineralisation)	Dr Tang Kok Siew	Dr Loh Hong Sai
1350-1440	Integrating Laser in Clinical Dentistry	Dr Clement Eng	Dr Loh Hong Sai
1440-1510	<b>Tea Break</b>		
1510-1600	Current Application of Cone Beam CT in Dentistry	Dr Go Wee Ser	Dr Bertrand Chew
1600-1650	Obstructive Sleep Apnoea and the Dental Practitioner	Dr Lye Kok Weng	Dr Bertrand Chew
1650-1720	<b>Q &amp; A</b>		



### 1. Clinical A/Prof Patrick Tseng, *Graduated: 1985*



#### ***Topic: Update on Endodontics for the General Dental Practitioner***

**Synopsis.** With improving scientific knowledge and understanding of pulp and periradicular disease together with advancing technologies and treatment protocols, endodontic therapy is now performed with greater precision and predictability. This lecture will update the dental practitioner of the latest techniques used in the conservative management and preservation of the vital pulp including the current state of pulp revascularization; discuss fundamentals

to achieving greater predictability and success with conventional endodontic treatment and showcase some 'unconventional' endodontic treatment modalities which has enhanced our ability to preserve the compromised tooth. The learning objectives are to understand the mechanisms and techniques for pulp preservation and regeneration. It also helps to understand the fundamental principles for predictable endodontic treatment and demonstrate success with 'unconventional' endodontic procedures.

**CV.** Assoc Professor Patrick Tseng is the Chief Dental Officer at the Ministry of Health, Singapore and the Registrar of the Singapore Dental Council. He is a Clinical Associate Professor in the Division of Endodontics, Restorative Dentistry and Prosthodontics of the National University of Singapore (NUS) and a Senior Consultant with the Dental Cluster of the National University Health System (NUHS). He concurrently holds appointments as Chairman of the Dental Specialist Accreditation Board and Chairman of the Oral Health Therapists Accreditation Committee and is a member of the Board of the Endodontic Residency Programme of the National University of Singapore. He was a past President of the Singapore Dental Association and founder member of the Society of Endodontists, Singapore. He is a member of the Scientific Advisory Panel of the Journal of Endodontics of the American Association of Endodontists and the Hong Kong Dental Journal. Assoc Professor Tseng has lectured and conducted hands-on courses extensively both regionally and internationally and continues to supervise and mentor postgraduate students in Endodontics at the Faculty of Dentistry.



### 2. Dr Jerry Lim, *Graduated: 1995*



#### ***Topic: A Multidisciplinary Approach to Aesthetic Dentistry***

**Synopsis.** Patients can present themselves with a dental aesthetic concern that encompass many disciplines of dentistry. A good grasp of knowledge on various disciplines of dentistry is mandatory to be able to 'holistically' offer a balanced solution to our patients. The challenges a practising dentist faces for both general or specialist practitioner alike, often transcend many if not all disciplines of dentistry. It is paramount that we understand and gather knowledge of all disciplines of dentistry to better serve our patients. This presentation covers different aspects of treatment planning and execution taking into consideration various dental disciplines in the overall treatment for the patient.

**CV.** Dr Jerry Lim graduated from National University of Singapore in 1995. He obtained the Fellow of Royal Australasian College of Dental Surgeons 2002, Fellow of International College of Dentists 2010 and Diplomate of International Congress of Oral Implantologist in 2011. He is also the immediate past president of College of General Dental Practitioners Singapore. He is currently a member of the Prosthodontic Society of Singapore, Singapore Dental Association, Aesthetic Dentistry Society of Singapore, International Academy of Oral Medicine and Toxicology and American Academy of Cosmetic Dentistry. Dr Jerry Lim contributes back to his alma mater, National University of Singapore as an adjunct lecturer.



### 3. Prof. Dr Thomas Attin



#### ***Topic: Functional Posterior Restorations: Achieving Superior Clinical Outcomes with Universal Adhesives and Bulk-Fill Materials***

**Synopsis.** Universal composites are usually used for posterior restorations. Talking about posterior restorations there are basically two key factors that determine the success or failure of a restoration: 1) Prevention of hypersensitivities through tight adhesion and good marginal adaptation and 2) The prevention of polymerization stress at the interface between the restoration and the cavity walls. A great deal of

discussion has taken place around the polymerization shrinkage of composite restoratives and the proper seal of the dentin with adhesives, which are less technique-sensitive. New bulk-fill composites are new resin systems that allow for internal reduction of the shrinkage stress, even when applied in increments up to 4-5 mm thickness. Despite this thickness, the conversion rate of the materials after polymerization and the marginal fit of the restorations should not be impaired. Universal adhesives, allowing for use in etch&rinse- or non-rinse-mode, guarantee an easy handling with less technique sensitivity. Studies have shown that this new type of adhesive perform well under laboratory and clinical conditions. The lecture provides an overview about these two new classes of materials and their clinical application.

**CV.** Prof Dr. Thomas was an associate in private dental practice and at Universities of Heidelberg, Cologne and Freiburg, Germany, Departments of Operative Dentistry from 1989-1999. Associate Professor and Head of Department of Operative Dentistry and Periodontology at the Freie University of Berlin, Germany from 1999-2000. He was the head of Department of Operative and Preventive Dentistry and Periodontology at the University of Göttingen, Germany from 2000-2006. He was then Head of Department of Preventive Dentistry, Periodontology and Cariology University of Zurich, Switzerland from 2006-2013. Now he is the Vice-Dean Medical Faculty for the Center of Dental Medicine University of Zurich. He was on the editorial board Journal of Adhesive Dentistry, Journal of Dentistry, American Journal of Dentistry, Oral Health & Preventive Dentsity, Clinical Oral Investigation, Deutsche Zahnärztliche Zeitschrift, Schweizerische Monatsschrift für Zahnmedizin, Acta Stomatologica Croatica, Journal of Dental Research (2006-2008). He was a board member of CED-IADR (2010-2013). He has won 19 awards in scientific competitions. Likewise he has authored or co-author of more than 350 peer-reviewed full papers, 2 books and 17 book chapters.



### 4. Dr Dominic WH Leung, *Graduated: 1975*



#### ***Topic: Spirit of Volunteerism Amongst Dental Personnels in Singapore***

**Synopsis.** There are many opportunities in Singapore for our dental health teams to contribute in improving the quality of life for some of the less fortunate. Besides the most common and valuable form of skill based volunteering where dentists and their ally colleagues donate their time and professional expertise without getting any financial return, there are also openings in organised community activities, service clubs, professional bodies and other welfare associations. Some of these activities will be highlighted in this presentation to encourage more to take part in volunteering.

**CV.** Bachelor of Dental Surgery (University of Singapore). Diploma in General Dental Practice (Royal College of Surgeons, England). Membership in General Dental Surgery (Royal College of Surgeons, Edinburgh). His appointments include: Private practice at TP Dental Surgeons Pte Ltd, Singapore. Adjunct Senior Lecturer, Faculty of Dentistry, National University of Singapore. Past President, Prosthodontic Society, Singapore. Past President and Council Chairman, Asia Oral Implant Academy. Past Chairman, ICOI-AP Section. Diplomate & Ambassador Circle, International Congress of Oral Implantologists. Director, JWG University of Frankfurt Certificate in Oral Implantology (Singapore Programme). He was conferred the Public Service Star (BBM), Republic of Singapore.



### 5. Prof. Dr Thomas Attin



#### ***Topic: Dental erosions: Restorative therapy with direct composite restorations***

**Synopsis.** Dental erosions are becoming a more often recorded phenomenon in patients. In many cases it is difficult to clarify the reasons, why the erosions have been developed. Thus, it is important for the therapy and prevention to have knowledge about the aetiology and the prevention of dental erosions. Erosions are often associated with severe loss of dental hard tissues and a loss of the vertical bite dimension. This means that complex restorative procedures are often necessary

to restore the worn dentition in patients with severe erosions. In some cases it is mandatory to test the targeted vertical dimension with a split, which is worn over a certain period before accomplishing the restorations. This new position of occlusion has to be transferred to the new restorations. For this step, direct composite restorations made by means of an additional transfer splint are helpful. New studies have shown that these composite restorations show a good clinical longevity, so that rehabilitation with complex ceramic restorations or crowns might be postponed to a later time point. The lecture provides background information about the aetiology and prevention of erosions, estimation of oral hygiene measures in patients with erosions, factors favouring the development of dental erosions, clinical concepts for restorative therapy of dental erosions with direct adhesive restorations, information about suitable composite restorative materials and information about the adequate use of adhesives systems in eroded teeth.

### 6. Dr Tony Thong, *Graduated: 1965*



**Topic: *The Evolution Of Perio-Prosthetics.  
1965 to 2015***

**Synopsis.** Surgical Periodontics or Periodontal surgery was mainly gingivectomy and reshaping of intra-bony defects and “bone grafts”. In 1985, the regeneration of the periodontal membrane and bone became the objective. Introduction of implants meant the age of osseointegration with the bone changed. The ideals for perio-prosthesis combined procedures with orthodontics, plastic surgery and reshaping the smile have changed the roles of the present day periodontology to

a more satisfactory outcome.

**CV.** BDS (Singapore) 1965. 37 years at TP Dental Surgeons. Skills Development Grant (1982) in Periodontal Surgery at Institute of Advanced Dental Studies, Boston, USA. First Singapore Periodontist listed in the American Academy of Periodontology, Directory. Over 100 workshops in Perio-prosthesis in Malaysia, Singapore, Thailand, Philippines, Bali, Florida and Bermuda.



### 7. Dr Seow Yian San, *Graduated: 2005*



#### ***Topic: Orthodontic management of Impacted Teeth***

**Synopsis.** Most of the time, permanent teeth erupt into occlusion. However, there are some that may fail to erupt and become impacted within the alveolus. Aside from third molars, the maxillary canines and central incisors are the principal teeth that may become impacted but, from time to time, other teeth may also be affected. Impacted lower second molars are often observed too. Treatment plans for impacted teeth include removal of the tooth and replacement of prosthesis might be required, or to uncover the tooth surgically and move it into the dental arch orthodontically. This session aims to share with you the considerations in the management and interdisciplinary approach of impacted teeth.

**CV.** Dr Seow obtained her Bachelor of Science from the National University of Singapore in 2000 and continued to pursue a second degree in Dentistry after working for a year in the Central Business District. She graduated from the National University of Singapore (NUS) with a Bachelor of Dental Surgery in 2005. Her undergraduate research project in the differentiation potential of mesenchymal stem cells into osteogenic lineages won the first prize at the 2006 International Dental Exhibition and Meeting (IDEM) Research Poster Competition, and second prize at the Undergraduate Research Opportunities Programme (UROP) Faculty of Dentistry Research Day 2004. With a keen interest in improving patients' smiles and confidence, Dr Seow proceeded to specialize in Orthodontics at NUS and graduated with a Master of Dental Surgery (Orthodontics) and a Membership in Orthodontics from the Royal College of Surgeons of Edinburgh. Her postgraduate research on the study of the level of serum bone markers in appliance-induced osteopenia was published in the European Journal of Oral Science 2013. Her practice focuses in restoring a wide range of dental malocclusions, including conventional and aesthetics braces treatment, patients with jaw discrepancies, modification of growth and eruption for young growing children and Invisalign treatment. Dr Seow is also one of the key office bearers of the Association of Orthodontists (Singapore) Executive Committee.



### 8. Dr Aaron Pang, Graduated: 2005 (Med)



#### **Topic: Botox and Fillers for Facial Aesthetics**

**Synopsis.** Patients with the urge to undergo cosmetic rejuvenation today are mostly seeking a natural, relaxed, healthier and youthful look instead of the tightened appearance associated with surgical facelifts. This is reflected in the American Society for Aesthetic Plastic Surgery (ASAPS) finding that only 18 per cent of cosmetic procedures are surgical, with the remaining 82 per cent involving non-surgical interventions. In addition, botulinum toxin and hyaluronic acid injections account for 55 per cent of these non-invasive procedures . This lecture aims to

provide attendees with the necessary information and resources to safely incorporate botulinum toxin A and dermal filler injections into their practice.

**CV.** Dr Aaron Pang is the Owner and Chief Director of the Sainte Chapelle Medical and Dental Aesthetic Clinic. Dr Pang graduated from the National University of Singapore with a Bachelors in Medicine and Surgery. He then obtained his first post-graduate degree from the Royal College of Surgeons of Edinburgh followed by a second Postgraduate Diploma in Dermatology from the University of Wales, Cardiff. Dr Pang is also a Board-certified Diplomate of the American Academy of Aesthetic Medicine, and has attained certification in cosmetic lasers, intense pulsed light, chemical peels, Botox® and filler Injections which are recognized by the Singapore Medical Council's Aesthetic Practice Oversight Committee. He has published research articles in several scientific journals, and regularly attends local and international conferences and workshops. Dr Pang is a regular invited speaker who frequently lectures at both local and regional facial aesthetic courses. He has made numerous media appearances in magazine and newspaper articles, radio interviews and beauty blogs. Dr Pang also supports charity events and organizations such as Club Rainbow, which cares for critically ill children. In 2008 he received the Singapore Civil Defence Force Overseas Service Medal for leading the medical rescue team during the Sichuan earthquake.



### 9. Dr Djeng Shih Kien, *Graduated: 1971*



#### ***Topic: Something New From Something Old***

**Synopsis.** Circulating Tumour Cells (CTC) are known for more than 100 years and is the hottest topic in cancer research now. This topic offers an insight to CTC's role in cancer therapy. Chemotherapy is the bane of cancer treatment. The use of EugenelC Delivery Vehicle (EDV), together with chemotherapy, may allow the target of cancer cells. This topic will elaborate on what EDV is. Proton Therapy is radiation using particle therapy. This offers a better outcome. Such treatment may be available in Singapore soon.

**CV.** Dr Djeng Shih Kien obtained his BDS (Singapore) in 1971. He then proceeded to Glasgow to do his postgraduate training in Orthodontics and obtained his D.D. Orth;RCPS (Glasgow) in 1975 and FDS;RCPS(Glasgow) in 1978. He was full-time staff at the Faculty of Dentistry, NUS until 1980 when he left for private practice and is Managing Partner of Ko, Djeng Dental Centre. He continued contributing to the Faculty as a part-time teacher until a few years ago. He serves a a number of health related committees in Singapore. Outside dentistry, Dr Djeng has great interest in automobiles and is Chairman of a number of automobile companies including Aston Martin Lagonda SEA Pte Ltd. He has developed a keen interest in Medical Diagnostics and founded Singapore Health Partners which is a leader in Diagnostic Radiology and Radiation Therapy.



### 10. Dr Wong Keng Mun, *Graduated: 1997*



#### ***Topic: Digital technology and its approach in Prosthodontics and Implant Dentistry: A wise investment?***

**Synopsis.** It has been proven that digital dentistry can provide many benefits such as better accuracy, faster treatment time and reduce the chance of human errors. These proven technologies have made many clinicians excited to incorporate them into daily practice. However, with the introduction of new digital equipment and technologies to the field of dentistry, clinicians are now faced with the difficulty of choosing from a vast array of aesthetic dental materials, digital equipment,

hardware and software. Furthermore, there are certain barriers to adoption of digital dentistry that leads clinicians to wonder if the investment is actually worthwhile. These include high costs, and the steep learning curve that comes with having to understand the concept and usage of new equipment. Eventually, the question remains: Will the costly enhancements and innovations to dental offices enable patients to receive advanced digital solutions to traditional dental problems, presumably without increasing the overall healthcare cost? This presentation will discuss: Total digital workflow in implant and restorative dentistry. The application of 3D printing in dentistry. The application of an in-house Cad Cam unit. Is this the time to invest in these digital equipment?

**CV.** Dr. Wong completed his BDS degree at the National University of Singapore. His outstanding academic and clinical performance won him 2 university awards: the FAC Oehlers Gold Medal and Terrell Silver Medal. Dr. Wong received specialised training in prosthodontics, which involves three years of post-graduate education and earned his Master's degree MSD and Certificate in Prosthodontics at the University of Washington, USA. An active speaker in the dentistry lecture circuit. Dr Wong is also frequently invited to speak at prestigious global dental conferences such as annual meetings of the American Academy of Esthetic Dentistry, American Academy of Fixed Prosthodontics and Academy of Osseointegration. In addition, Dr. Wong publishes articles in professional journals and conducts hands-on courses. He is Affiliate Assistant Professor at the University of Washington, USA; Visiting Senior Lecturer at the National University of Singapore; Member of the Teaching Faculty at the Global Institute of Dental Education (gIDE), USA; Advisor of the Nobel Biocare Expert Advisory Board; and Global Councillor of the Emerging Leaders Council, of the Foundation for Oral Rehabilitation. In 2005, Dr. Wong founded T32 Institute for Advanced Continuing Education (ACE) which evolved to T32 Dental Academy in 2008. Today, T32 Dental Academy is a centre dedicated to educating, motivating, stimulating and sharing knowledge with other dental professionals. Dr. Wong is currently the Managing Director of T32 Dental Centre Pte Ltd.



### 11. Dr Myra Elliot, *Graduated: 1968*



#### **Topic: First Do No Harm**

**Synopsis.** Dentistry is a procedural based specialty. We are all highly dextrous and skilled. In school we are taught to use a multiplicity of tools. Instruments that are extremely powerful. No other specialty are taught the skill of handling rotatory instruments that can rotate at 200,000 rev /min. Nor are they cutting tissues with diamond burs. We work in a small space on minute objects in a slippery wet domain on patients who are not the most welcoming for our services.

“First do no Harm” is a bioethical principle adopted by all healthcare workers. We as dentist seem to be migrating away from this principle.

With our dextrous skills we seem to causing a multifarious list of iatrogenic problems.

This presentation highlights in a relatively light hearted way on the seriousness of our actions.

**CV.** She is an experienced Oral Maxillofacial (OMS) Surgeon proficient in all aspects of OMS surgery (Trauma, orthognathic surgery, TMJ, dento-alveolar surgery, management of tumours, reconstructive surgery, implant surgery, cleft lip and palate surgery) and a dedicated teacher at the National University of Singapore. Consultant at the Mount Elizabeth Hospital, Singapore. She has lectured internationally on many aspects of OMS surgery and organised many charity medical missions to many parts of the world.

BDS 1968 University of Singapore. FDS RCS (England) 1971. Dip. Ortho, RCS (England) 1973. MDS, University of Sheffield 1976. Accreditation Oral Surgery, Oral Medicine, RCS (England) 1976. FAMS (Oral & Maxillofacial Surgery) Singapore 2008. Is accredited for BCLS, ACLS and ATLS.

She has organised many training courses in Implant surgery, Cleft lip and Palate surgery, osteosynthesis for jaw fractures, basic oral surgical skills. Full time lecturer at the University of Sheffield for 6 years. Since returning to Singapore has continued to teach part time at the University of Singapore from 1989 to present. Adjunct Associate Professor, NUS.



### 12. Dr Tang Kok Siew, *Graduated: 2006*



#### ***Topic: The Treatment Dilemma of Molar-Incisor Hypomineralisation***

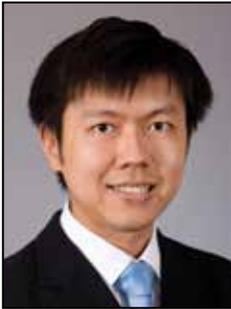
**Synopsis.** Molar-incisor hypomineralisation (MIH), as the name suggests, is a condition where the enamel of the first permanent molars and incisors do not develop normally, hence resulting in a porous enamel. As widespread recognition of MIH began in the early 2000s, many reports and studies have since been documented around the world. However, the exact aetiology of this condition has not yet been discovered although a number of associations have been made.

While research remains ongoing, the clinical problems stemming from MIH continue to render treatment difficult for both the patient and the dentist. Hypersensitivity, rapid breakdown of the enamel and the young age at which these symptoms occur are just some of the few factors which can influence the treatment plan. Early identification and awareness can help to prevent rapid deterioration of the affected teeth. This talk aims to provide an overview of MIH and summarise the current clinical evidence available in its prevention and treatment.

**CV.** Dr Tang Kok Siew obtained her BDS from the National University of Singapore (NUS) in 2006. She worked for three years doing general dentistry before deciding to further her studies in the United Kingdom. She graduated from the Leeds Dental Institute in 2012 with a certificate in Professional Doctorate in Clinical Dentistry (Paediatric Dentistry). In the same year, she also obtained her Membership in Paediatric Dentistry with the Royal College of Surgeons of England. Currently, she is with the National University Health System, Singapore as a full-time paediatric dentist treating young children and those with special needs. She also works in the university as a part-time clinical instructor teaching the dental undergraduates. She hopes to further pursue her main interest in the areas of dental traumatology and in the treatment of the medically-compromised patients.



### 13. Dr Clement Eng, *Graduated: 2007*



#### ***Topic: Intergrating Laser in Clinical Dentistry***

**Synopsis.** When the word “laser” is mentioned, image of light sabers from Star Wars or laser shooting guns in sci-fi movies will appear in our minds. In our present world, laser has vast applications, from industrial usage of cutting and welding materials, to daily appliances such as DVD players and laser printers, to entertainment industry in the form of laser lighting displays, to military for accuracy in laser guidance weapons and even in scientific research. However have one ever wonder how laser may be used in our daily dental practice? Applications of laser

in dentistry are changing the way patients experience during their dental visits and allowing dentists to provide more value added services to their patients. In this lecture, we will explore the applications of laser in Clinical Dentistry.

**CV.** He graduated from Faculty of Dentistry, National University of Singapore 2007 and joined the private practice in 2008. He had been using Laser since 2008 namely Er,Cr:YSSG, Er:YAG, Diode Lasers in the field of Periodontics, Restorative Dentistry, Pedodontics, Surgery and Endodontics. He is the current Singapore Country Representative for World Federation of Laser Dentistry. He is certified by the International Society of Computerized Dentistry as a CEREC trainer and a member of the International Society of Computerized Dentistry.



### 14. Dr Go Wee Ser, *Graduated: 1983*



#### ***Topic: Current Application Of Cone Beam CT In Dentistry.***

**Synopsis.** The introduction of cone-beam computed tomography (CBCT) in 1998 can be considered a milestone in dentistry. In dental implantology, the surgeon can now plan the exact positioning and angulations of the implants, besides choosing the appropriate implant dimensions to use. It is a natural progression that the versatility of CBCT has found applications in other fields of dentistry. In orthodontics, malocclusion can be diagnosed digitally with this technology and custom-made appliances fabricated, obviating the need for traditional impression-taking and laboratory procedures. In endodontics, CBCT has removed the second guessing of root and pulpal morphology, along with any issues with periapical lesions or cracked roots. Similarly, in periodontics, the extent of alveolar bone loss can be visualized, aiding decision-making with regards to long-term management. Practitioners of TMD and sleep dentistry would find CBCT indispensable. There are many issues with CBCT that end-users must be cognizant of. These may include over-indicating this modality especially in young patients; simple caries detection; training and the ability of dentists to interpret the anatomy beyond the oral cavity; medico-legal requirement of reporting of each scans in case of omission of serious lesions, etc. This presentation will address the current state of CBCT applications and associated issues.

**CV.** He graduated from NUS in 1983 with a BDS and MDS (Oral Surgery) in 1987. He is also a Fellowship of Dental Surgery, Royal College of Surgeons (Edinburgh) 1988, FAMS (Oral & Maxillofacial Surgery) 1997, FICD 2000 and Specialist Register in Oral & Maxillofacial Surgery (Singapore SDC). He won many awards such as the Wrigley Book Prize for biochemistry in 1980, SDA Silver Medal for Medicine 1982, Best Clinical Student, Faculty of Dentistry, NUS 1983, Singapore Government HMDP Fellowship to UK 1990, Service to Education Award, Ministry of Education, 2006 and MOH Long Service Award, MOH Volunteer 2011. His appointments include Clinical Director / Oral & Maxillofacial Surgeon of the WS Go & Associates Pte Ltd, Adjunct Associate Professor NUS, Associate Staff, NUHS, Chairman Dental Specialist Accreditation Committee (Oral & Maxillofacial Surgery), AMS, Committee Member of the Advisory Committee on Medisave, MOH; Teaching Faculty, Diploma in Implant Dentistry, NUS; Member of the Disciplinary Committee, SDC. He has many publications and speaks at several international forums.



### 15. Dr Eric Lye Kok Weng, *Graduated: 1995*



#### ***Topic: Obstructive Sleep Apnoea And The Dental Practitioner***

***Synopsis.*** OSA is a serious chronic medical condition which is gaining prominence rapidly in developed societies. It has major impact on both patients' health and their quality of life. The general dental practitioner and OMS surgeons have vital and increasing roles to play in the management of this condition. This lecture serves as an introduction to the problem and what can be achieved with our intervention.

***CV.*** Dr Lye Kok Weng, BDS, MDS, FRACDS, FAMS, PhD (Nijmegen) is a Specialist in Oral & Maxillofacial Surgery. He graduated from the National University of Singapore with several awards, including Dean's Lists and university medal for being first in examinations in his graduating year.

He was awarded the Ministry of Health's Health Manpower Development Programme award and underwent fellowship training in the management of obstructive sleep apnoea at the University of Alabama at Birmingham in 2006. He is currently in private practice at The Oral Maxillofacial Practice. He also serves as Visiting Consultant to National Dental Centre, Changi General Hospital and Ng Teng Fong General Hospital where he treats OSA patients. He is also the Deputy Director of the Integrated Sleep Service at CGH.

# Acknowledgements

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Faculty of Dentistry



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