

ADSS Forum 2021

A 4-Part Webinar Series

11 April (Sun), 25 April (Sun), 9 May (Sun), 23 May (Sun)



Dr T C Phua



Dr Jerry Lim



Mr Alvin Chai



Dr Ang Chee Wan



Dr Darren Lee



ADSS Forum 2021

A 4-Part Webinar Series



11 April 2021 (Sun), 7.45 – 9pm

Dr T C Phua

The Essence of Shade in Restorative Dentistry

1 CDE Point



25 April 2021 (Sun), 7.45 – 10pm

Dr Jerry Lim & Mr Alvin Chai

Challenges in Shade Matching: A Novel Way with eLAB

2 CDE Points



9 May 2021 (Sun), 7.45 – 9pm

Dr Ang Chee Wan

Enhancing Soft Tissue Aesthetics with Microsurgery

1 CDE Point



23 May 2021 (Sun), 7.45 – 9pm

Dr Darren Lee

Digital Capabilities in Routine Dental Practice

1 CDE Point



Dr T C Phua

The Essence of Shade in Restorative Dentistry

Dr T C Phua graduated from the National University of Singapore with a BDS in 1981 and also obtained his Diploma in General Dental Practice from the Royal College of Surgeons of England in 1997. After completing his NS stint in 1983 as Dental Officer in the Republic of Singapore Air Force, he embarked into private group practice and is a firm advocate that a multi-disciplinary group of dentists is the most effective manner to serve our dental patients.

He is a member of several dental organisations and is the Past President of the Asian Academy of Aesthetic Dentistry, President of the College of General Dental Practitioners (Singapore). Through these involvement in organised dentistry, he is also believes that the combined efforts of its members will positively contribute to the dental profession. He is also a Fellow and current Regent (Region 25 Singapore) of the International College of Dentists.

The Essence of Shade in Restorative Dentistry

In the modern dental practice, our patients desire their dentistry to be both functional and highly aesthetic. The tenets of successful dental practice lie with the successful delivery of restorative dentistry which fulfils these goals.

The full spectrum of restorative dentistry encompasses both direct and indirect dentistry. The common dental material choices are composite resins and all ceramics respectively. Whatever the material choice, for a dental restoration to appear aesthetic, it has to mimic nature. Tied in with this endeavour is the essence and management of shade selection.

This lecture seeks to relate the importance of shade selection with each of these two commonly indicated restorations. Are there similarities or differences in the thought processes with handling of these two dental materials?



Dr Jerry Lim & Mr Alvin Chai

Challenges in Shade Matching: A Novel Way with eLAB

Dr. Jerry Lim Eng Yong

BDS (Singapore), FRACDS(Australia)

Dr Jerry Lim graduated from National University of Singapore in 1995.

Fellow of Royal Australasian College of Dental Surgeons 2002.

Diplomate of International Congress of Oral Implantologist, 2011

Fellow of International College of Dentists 2010

President of College of General Dental Practitioners Singapore

Member of Prosthodontic Society of Singapore

Member of Singapore Dental Association.

Member Aesthetic Dentistry Society of Singapore.

Member International Academy of Oral Medicine and Toxicology.

Member American Academy of Cosmetic Dentistry.

It is Dr Jerry Lim's firm belief to provide optimal dental care for his patients. This has led him to pursue advanced aesthetic and restorative dentistry skills as well as neuromuscular knowledge at the leading overseas centres of excellence like the Las Vegas Institute for Advanced Dentistry (LVI Global), Occlusion Connections (OC) and Interdisciplinary Dental Education Academy (IDEA).

He currently serves as an Adjunct Instructor at the Faculty of Dentistry, National University of Singapore.

Dr Jerry Lim combines his depth of expertise with advanced technologies in Laser, Digital Dentistry, 3D Jaw Analysis and advanced materials to support his advanced aesthetic reconstructive dental treatment.

Dr Jerry Lim contributes back to his alma mater, National University of Singapore as an adjunct lecturer.

Dr Jerry Lim is a 2 term President of the College of General Dental Practitioners Singapore, spearheading its growth to become a prominent and respected organisation in this region.

Dr Jerry Lim was an early pioneer in Invisalign Clear Aligner Therapy, being one of the earliest to be certified in Singapore in the year 2007. Since 2010, he was awarded the Invisalign Platinum Elite Provider. He has acted as a key opinion leader (KOL) for Straumann Dental Group, Kavo-Kerr Dental Products and Henry Schein Connect SEA in Singapore. Recognised as a leading aesthetic dental practitioner in Singapore, he has lectured and presented in Singapore, Indonesia, Thailand, Malaysia, Taiwan, Japan and USA.

Dr Jerry Lim firmly believes in a holistic aesthetic approach to dentistry, not only restoring function but also enhancement of the appearance and balance to the smile and face.



Dr Jerry Lim & Mr Alvin Chai

Challenges in Shade Matching: A Novel Way with eLAB

Mr Alvin Chai

- Ceramist / Digital dental designer
- Professional training:
 - Digital Smile Design(DSD) by Christian Coachmann
 - 3Shape Smile Design / Dental System / Implant Studio / Appliance Designer / Implant Abutment Designer
 - CAD/CAM with Amann Girrbach / Planmeca/ Imes-core / Ivoclar Vivadent
 - Advanced hands-on prosthetic by Straumann
 - Friction retention system(FRS) certified technician by D.D.S, ph.D. Takahiko Sugiyama
 - Advanced hands-on with Noritake dental ceramics by Naoki Hayashi
 - Elaborate(eLAB protocol) certified technician by MDT Sascha Hein
 - Advanced IPS Emax fused to Zirconia workshop by Pitsnu (IKE) intoratat, Ivoclar Vivadent

Alvin was initially a graduate from the Construction industry. He later found passion in dental technology after being inspired by a family member. To start off, he devoted his time practicing in dental lab as an apprentice since 2008 spending the next few years building his craft. As passion grows, he decided to undergo intensive dental technology training in Australia where he continues to explore and exposed to a great deal of work experience, techniques and knowledge via student attachment to an aesthetic lab in Sydney. Later, he graduated from TAFE faculty of dental technology, Sydney and was awarded International Student Certificate of Excellence.

Returning to Singapore in 2012 as a trained Dental Technician, he continued his passion in a few mass production dental laboratories focusing on CAD/CAM & All ceramic restorations. Here he saw the importance of technology tools/aids that can bring benefits & opportunities in a business setting. Since then, his drive in dental technology is about mastery of skills/technique (analog) and how to co-relate with technology (digital) to make the work processes more predictable, cost-effective and efficient. He believes that the transferable skills between analog & digital is the key to improve overall work performance between clinician & technician. As a ceramist today, he has noted that the available technology tools can greatly improve communication and relationship between dental lab & clinicians - where people come together not just about getting the job done correctly, but also promote more human interaction, ultimately enhancing competitive advantage on both levels in today's modern dentistry.

Since 2018, Alvin landed his practice in Digital Dental Lab, a working partner of Orchard Scotts Dental using his experience and combined knowledge to provide solutions for more focussed High-End Aesthetic dental works which include Aesthetic Veneers, Dental Implant restoration along with Smile make over cases.



Dr Jerry Lim & Mr Alvin Chai

Challenges in Shade Matching: A Novel Way with eLAB

Lecture Synopsis

Creating an aesthetic smile involves alignment, shape and colour. The world of colour and shade is a mysterious world where not many of us dentists are well educated in. Often we relegate this job of colour matching to our dental technician colleagues. The ability to appreciate value, chroma and hue is not impossible to train and be good at. However, when colour or shade it is not correctly chosen, the contrast can be very obvious resulting in a dissatisfied patient expectation. Often, dental technicians get the short end of the stick. Developing a proper way of communicating colour and shade is crucial for the dental technician to provide you with an excellent end product.

This presentation has the following objectives:

1. Understanding shade and colours in Dentistry.
2. Clinical protocols to shade matching including the digital ELAB system.
3. Clinical case sharing using the ELAB protocol for challenging aesthetic cases.



Dr Ang Chee Wan

Enhancing Soft Tissue Aesthetics with Microsurgery

Speaker Profile

Dr Ang Chee Wan

BDS (Singapore), MDS (Periodontology) (Singapore), MRD RCS (Edinburgh, UK)

Dr Ang Chee Wan graduated with a Bachelor of Dental Surgery degree from the National University of Singapore in 2003. He received specialist training in periodontology and graduated with a Master of Dental Surgery degree in 2008. In the same year, he obtained his fellowship in periodontology from the Royal College of Surgeons of Edinburgh (United Kingdom).

Dr Ang is an accredited Specialist in Periodontology registered with the Singapore Dental Council. He also teaches the undergraduate and postgraduate students in the National University of Singapore.

Dr Ang lectures overseas frequently in numerous countries including Switzerland, China, Japan, Taiwan, Cambodia, Indonesia, Malaysia, Thailand and Vietnam. He was invited by Asian Academy of Prosthodontics to speak in Shanghai, China and by Asian Academy of Aesthetic Dentistry to speak in Sapporo, Japan. Dr Ang was also invited to teach in postgraduate programs in the University of Washington, USA and the University of California Los Angeles, USA.

Dr Ang is an active member in several professional organizations, including the Society of Periodontology (Singapore), the Aesthetic Dentistry Society of Singapore and the International Team for Implantology (ITI).

As a periodontist, Dr Ang provides a comprehensive range of periodontal therapy. These include gum treatment, bone and gum grafting procedures, aesthetic gum surgery and a full range of dental implant procedures. He has special interests in implant dentistry, periodontal plastic surgery, minimally invasive surgeries and bone regenerative procedures.

Lecture Synopsis

Dental aesthetics requires a harmonious integration of white and pink aesthetics at the dento-gingival interface. White aesthetics is dependent on the quality of the restorative materials and the characteristics of the crown. Pink aesthetics is dependent on the form and structure of the soft tissue around the crown at the dento-gingival interface. The outcome of white aesthetics is largely influenced by the skill of the ceramist, while the outcome of pink aesthetics is largely influenced by the skill of the clinician.

Excessive or deficient soft tissue can negatively impact the final aesthetic outcome. It is therefore important that clinicians arm themselves with the skills and knowledge of soft tissue management around natural teeth. Microsurgical techniques have increasingly been used to enhance the aesthetic outcome in soft tissue procedures. This lecture will discuss the application of microsurgical techniques in soft tissue procedures, with illustrations from clinical examples.



Dr Darren Lee

Digital Capabilities in Routine Dental Practice

Dr Darren left Singapore in 1998 for Queensland, Australia and graduated from the University of Queensland in 2002, attaining his BSc Dental Degree there. During his curriculum, he received the Golden Key Honour Roll for his achievement in university.

In end of 2004, he came back to Singapore to work as a General Dental Practitioner. He is a Clinical Director of a group Dental Practice. Darren is extremely motivated and is dedicated to patient care. He has a great interest in many areas of dentistry but has developed a keen interest especially in implants and digital dentistry. A firm believer in constant upgrading, this spurs him on in discovering new methods to provide modern dentistry for everyone – patients, fellow dental professionals and dental team members as well!

Darren is an Executive Committee member of the College of General Dental Practitioners Singapore (CGDP) and is an advocate of continuing dental education.

Darren is a Trainer for Bicon Singapore and has presented in Singapore and Taiwan, and conducted some local workshops.

He is also a Key Opinion Leader for 3Shape and is adept at digital dentistry, having spoken for them on numerous occasions.

KavoKerr has also approached Dr Darren Lee to speak on various topics on Digital CBCT use in dentalpractice.