Course two

Clear aligners beyond accreditation
including **group case discussions**

COURSE TWO

📅 **SYD:** 18 - 19 May 2019 / **Venue:** Pullman Sydney, Hyde Park
MEL: 25 - 26 May 2019 / **Venue:** TBA

💲 $2500 + GST (16 CPD)

DAY ONE				
Time	**Lecture Title**	**Lecturer**	**Topics Covered**	**Learning Outcomes**
1.5 lecture	Introduction to Customised Digital Orthodontics and Clear Aligners	Dr. Vandana Katyal	Evidence-based customised orthodontics, clear aligner systems, accreditation pathways, setting up clinical practice and protocols for customised orthodontics, tele-dentistry in rthodontics.	Why clear aligners are the future of orthodontics, remote monitoring and increasing treatment efficiency, clinical protocols that are practical in everyday use.
1.5 lecture	Smile Design with a focus on Clear Aligners	Dr. Vandana Katyal	Principles of digital smile design, tooth movement planning, ideal smile aesthetics, macro aesthetics, micro aesthetics, mini aesthetics.	Learn how to individualise treatment plans based on smile design principals, 3D simulations and case presentations.
1.5 lecture	Aligner Biomechanics	Dr. Vandana Katyal	Tooth movement basics, evidence-based aligner setups, types of attachments, ideal position and placement of attachments.	Learn how to effectively and efficiently use clear aligners with knowledge beyond accreditation courses, what types of attachments to use for which situations, finishing with aligners, understand aligner efficiency.
1.5 lecture	Clear Aligner Attachment Protocols	Dr. Vandana Katyal	Types of attachments, evidence-based treatment planning with clear aligners, using auxiliaries with attachments, clear aligners biomechanics.	Identify treatment aims and biologic limits of tooth movements, estimate appropriate arch form, understand the effect of expansion/extraction on space, attachment and treatment sequencing protocols.

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Time	**Lecture Title**	**Lecturer**	**Topics Covered**	**Learning Outcomes**
1.5 lecture	Invisalign Teen	Dr. Vandana Katyal	Basic concepts of facial growth, aesthetic demands, treatment for Class II and Class III malocclusions using growth, social concepts and self esteem.	Understand basics of facial growth and timing for various treatments, understand why the shift for aesthetic appliances, how to apply growth modification principles with clear aligners with case presentation.
1.5 lecture	Evidence-based Aligner Treatments	Dr. Vandana Katyal	Literature review for clear aligners, critical appraisal of current evidence for aligners, applying science to everyday practice.	Understanding the growing evidence for clear aligners and how this impacts your treatment planning.
1.5 lecture	Dealing with Vertical Problems in Clear Aligners	Dr. Vandana Katyal	Deep bite protocols, open bite protocols, advanced mechanics with clear aligners.	How to overcorrect Clinchecks based on evidence, deal with vertical problems in children and adults.
1.5 lecture	Workshop: Case Presentations	Dr. Vandana Katyal	Group based case discussion and treatment planning for clear aligners.	Apply biomechanics and treatment planning principals learnt to clear aligner therapy. Learn tips of how to efficiently use clear aligner softwares.

In-office program

IN-OFFICE PROGRAM

📅 **SYD:** ~~15 - 17 March 2019~~ • ~~5 - 7 April 2019~~ • ~~26 - 28 July 2019~~ (SOLD OUT)
20 - 22 Sept 2019 • 8 - 10 Nov 2019

💲 $3900 + GST for Saturday and Sunday + $500 + GST for Full Day 3D digital workflow workshop including Dental Monitoring. (Friday) (24 CPD)

DAY ONE				
Time	**Lecture Title**	**Lecturer**	**Topics Covered**	**Learning Outcomes**
9-12.30pm	Dental Monitoring and Aligners	Dr. Vandana Katyal	Introductions to tele-dentistry. What and how to use tele-dentistry in orthodontics, what is Dental Monitoring and how to apply it to orthodontic treatment. Using DM software and practice protocols.	Learn how to integrate digital orthodontics with virtual appointments. Learn evidence behind tele-dentistry in orthodontics. Learn how to use DM software, create protocols, manage notifications and troubleshoot notifications.
1.30-5pm	Digital Workflow Workshop - 3D Treatment Planning and 3D printing	Dr. Vandana Katyal	3D treatment planning using 3Shape and similar third party softwares, 3D printing of in-office aligners, retainers and indirect bonding trays.	Participants will be able to see a practical demonstration of the benefits of in-office 3D softwares, how to use them and fabricate retainers, aligners or indirect bonding trays in-house for predictable outcomes in mild-moderate orthodontic complexity cases.

DAY TWO				
Time	**Lecture Title**	**Lecturer**	**Topics Covered**	**Learning Outcomes**
9:00 - 5:00	Observing our consultation and treatment rooms in small groups.	Dr. Vandana Katyal, Isean Chew (Oral Health Therapist) and the CCC Smiles Team	Case details of all patients booked will be provided as handouts with question and answer time allowed after every patient.	Observe a variety of treatment starts and how to manage orthodontic appointments in your clinic. Understand treatment planning principles in the practical world based on patient needs. Learn how to assess and troubleshoot to improve clinical efficiency.

In-office program

DAY THREE

Time	Lecture Title	Lecturer	Topics Covered	Learning Outcomes
1.5 lecture	Summary of day 1 cases observed and explanation of treatment plans.	Dr. Vandana Katyal	Treatment plans and modifications for all cases from Day 1	In-depth understanding of cases from simple to complex orthodontic cases.
1.5 workshop	Photography, radiology and intraoral scanning workshop.	Dr. Vandana Katyal Tiina Reno (Radiographer) Isean Chew (Oral Health Therapist) CCC Smiles Staff	Photography, radiology and intra-oral scanning.	Demonstration and practice of photography, X-Ray positioning and intra-oral scanning.
1.5 workshop	Typodont bracket bonding and utility arch bending workshop	Dr. Vandana Katyal	Typodont kit provided by BOSS	Requirements: please bring jarraback pliers, scaler, pencil, tweezers, mathieus forceps, tweed pliers and arch wires (ligation modules and bonding agents will be provided).
1.5 workshop	Finishing wire bending workshop	Dr. Vandana Katyal	Arch wire bends in first order, second order and third order. Arch wires provided.	Requirements: please bring 2x Tweed plies, one jarraback plier, one hammerhead plier.