

Course three

Digital and contemporary orthodontic treatments

COURSE THREE

 **SYD:** 24 - 25 Aug 2019 / **Venue:** Pullman Sydney, Hyde Park
MEL: 17 - 18 Aug 2019 / **Venue:** TBA

 \$2500 + GST (16 CPD)

DAY ONE

Time	Lecture Title	Lecturer	Topics Covered	Learning Outcomes
1.5 lecture	Vertical Problems (Open and Deep Bites)	Dr. Vandana Katyal & Dr Mohammed Almuzian	Deep bites in adults, open bites in adults, diagnosis and treatment options of open bites, clinical cases.	Learn how to diagnose case complexity with vertical problems, understand different biomechanics strategies, treating open bites with clear aligners versus fixed appliances.
1.5 lecture	Class II Treatments	Dr. Vandana Katyal & Dr Mohammed Almuzian	Treatment options for Class II division I and Class II division II treatments, distalisation versus extraction to correct Class II malocclusion, types of distalisation and preservation of anchorage.	Be able to understand the differences between Class II Division I and Division II cases, how to decide whether extraction/non-extraction to correct Class II, distalisation and its role in correcting Class II.
1.5 lecture	Class III Treatments	Dr. Vandana Katyal & Dr Mohammed Almuzian	Types Of Class III - pseudo Class III vs true mandibular prognathism, orthopaedic and orthodontic treatment options, principles of treatment Maxillary protraction.	Understand how to correctly diagnose a Class III malocclusion, learn different early and later treatment options, apply correct biomechanics principles to correct a Class III malocclusion, understand various methods of maxillary protraction.
1.5 lecture	Retention	Dr. Vandana Katyal & Dr Mohammed Almuzian	Biological basis of retention, ageing changes, retention problems.	Understand how to predict type of retention required from start of treatment, learn how to do retainers and what retention protocols to use in your practice.

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DAY TWO

Time	Lecture Title	Lecturer	Topics Covered	Learning Outcomes
1.5 lecture	Miniscrew and Achorage	Dr. Vandana Katyal & Dr Mohammed Almuzian	Different types of skeletal anchorage, TAD designs, indirect vs direct anchorage with mini-screws, mini-screws in orthopaedic treatments, complications of mini-screws, best practice and protocols, biomechanics and mini-screws.	Understand how mini-screws can be advantageous to improve clinical efficiency, plan mini-screw insertion with success, learn how to troubleshoot mini-screw failures.
1.5 lecture	Correction of Transverse Problems	Dr. Vandana Katyal & Dr Mohammed Almuzian	Growth of maxilla, diagnosis of narrow maxilla, types of expansion devices, rates of expansion, new protocols for maxillary expansion, stability and risk management during expansion, maxillary expansion and OSA.	Understand maxillary growth, learn how to diagnose a narrow maxilla, learn evidence-based effects of maxillary expansion and stability, best practice and approaches to improving airways in management of OSA, gain knowledge about news maxillary expansion protocols and variants.
1.5 lecture	Fuctional Appliances	Dr. Vandana Katyal & Dr Mohammed Almuzian	Principles behind growth modification and early treatment, timing for Class II and Class III functional treatments, types of functional appliances, evidencebased growth modification, stability for functional appliance treatments, association between airway disorders and functional appliances, Invisalign Teen with mandibular advancement	Learn evidence-based approach for diagnosis and management of skeletal discrepancies during growth, understand various appliance designs and their effects on skeletal structures, dentition and soft tissue, learn when function appliance may be beneficial for airway disorders in children, understand long term stability and retention regimes for functional appliances, learn about emerging role for clear aligners in teen treatments
1.5 lecture	Impacted Canines	Dr. Vandana Katyal & Dr Mohammed Almuzian	Diagnosis of impacted canines, prediction of canine impaction in mixed dentition, preventative strategies in early treatment, treatment options in impacted canines, complications of impacted canine management	How to screen for impacted canines in mixed dentition, preventative orthodontic treatments, how to assess complexity of treatment, evidence based techniques and mechanics for orthodontic traction of impacted canine.