

TADS advanced masterclass:

Managing complex malocclusions using TADS & aligners

HANDS-ON TRAINING



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14CE
Credits

 **DATE:**
06-07 Sep 2024 | 09:00 - 18:00

 **LOCATION:**
Abu Dhabi | UAE

 **TARGET AUDIENCE:**
General Dentistry, Orthodontics

Abstract

Temporary anchorage devices have become a mainstay of contemporary clinical practice offering guaranteed control of anchorage for both routine and complex tooth movements. This course will outline some of the more common TADs in use today, show placement from first principles, and discuss the differences when selecting conventional fixed orthodontic appliances and aligners. The anatomy of placement sites and the advantages and disadvantages of these sites will be discussed. Simple direct and indirect mechanics will be shown to facilitate controlled tooth movements in the sagittal, transverse and vertical dimensions. Hands-On component of the course will require the participants to practice placing TADs in different sites as well as work through the steps of making a mini screw retained orthodontic appliance.

Learning Objectives

- Review the history, evolution, design, placement, and clinical use of TADs
- Understanding of how to incorporate TADs into treatment planning
- Understand the difference in mechanics required when utilizing direct versus indirect anchorage, and
- Practice the clinical skills to select, place, and utilize TADS in orthodontic treatment.

Agenda Day 1

09:00 – 10:30	Introduction: Definitions, history, design, specifications, instrumentation, and uses (Biomechanics)
10:30 – 10:45	Questions and answers
10:45 – 11:00	Coffee Break
11:00 – 11:45	Review Orthodontic examination, diagnostic records, problem list development, treatment objective selection
11:45 – 12:45	Anatomy Review and TAD Placement Exercise (Sheep Mandible)
12:45 – 13:00	Questions and answers
13:00 – 14:30	Lunch/Prayer Break
14:30 – 16:00	Anatomy Review and TAD Placement Exercise (Palate)
16:00 – 16:15	Questions and answers
16:15 – 16:30	Coffee Break
16:30 – 17:30	Anterior-Posterior Correction and Space Closure
17:30 – 18:25	TAD placement exercise TAD Placement Exercise (alveolus)
18:25 – 18:30	Question & Answers

Agenda Day 2

09:00 – 09:45	Orthodontic Aligner Review
09:45 – 10:30	TAD placement exercise (Aligners-Power arm)
10:30 – 10:45	Questions and answers
10:45 – 11:00	Coffee Break
11:00 – 11:45	Vertical Dimension Correction
11:45 – 12:45	TAD placement exercise TAD Placement Exercise (Aligners-Intrusion)
12:45 – 13:00	Questions and answers
13:00 – 14:00	Lunch/Prayer Break
14:00 – 14:45	Transverse Dimension Correction
14:45 – 15:45	Anatomy Review and TAD Placement Exercise (Palate)
15:45 – 16:00	Questions and answers
16:00 – 16:15	Coffee Break
16:15 – 17:30	Transverse Dimension Correction
17:30 – 18:00	Anatomy Review and TAD placement exercise TAD Placement Exercise (appliance)
18:00 – 18:25	Complications and how to avoid them Secondary uses of TADs
18:25 – 18:30	Question & Answers

Registration & Pricing

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