HANDS-ON COURSE

14CE
Credits

DR MAXIMILIAN KÜFFER, GERMANY

TAD-Master:
Comprehensive workshop for advanced skeletal anchorage proficiency

DATE:
15-16 Nov 2026
09:00 - 18:00

LOCATION:
CAPP Training Institute
Dubai | UAE

TARGET AUDIENCE:
General Dentistry, Orthodontics

Abstract

Embark on a Comprehensive Two-Day Journey into Skeletal Anchorage in Orthodontics.

This immersive two-day course offers an exploration of skeletal anchorage, blending theoretical insights with hands-on practical applications. Participants will delve into the world of temporary anchorage devices (TADs), with a particular focus on mini-implants, comprehending their attributes and leveraging their advantages in orthodontic treatments.

The course begins by laying a strong foundation with an in-depth introduction to TADs, encompassing insertion techniques and sites. Participants will navigate through clinical workflows, witnessing the transformative shift from analog to digital methodologies that significantly enhance the precision and efficacy of skeletal anchorage.

Covering applications in both the upper jaw and mandible, the program sheds light on diverse utilities and advantages. The engaging lectures explore fundamental techniques such as distalization, mesialization, molar intrusion, management of impacted teeth, rapid maxillary expansion (RME), and Class III therapy. Moreover, participants will discover innovative ways to merge clear aligners with skeletal anchorage, expanding the horizons of clear aligner treatments.

The course's practical segment immerses attendees in interactive modules featuring hands-on exercises. These exercises focus on various insertion techniques and the application of mini-implant-supported mechanics, transforming theoretical understanding into practical expertise.

The course concludes with clinical tips for potential problems and a final discussion to provide participants with an opportunity for a comprehensive review and to address any remaining questions.

Orthodontic professionals attending this comprehensive course will emerge equipped with the knowledge and practical skills necessary to proficiently implement skeletal anchorage. This newfound expertise will elevate treatment outcomes and broaden the spectrum of treatment options available to them in orthodontic practice.

Learning Objectives

- Comprehensive understanding of TADs: Learn about the characteristics and advantages of temporary anchorage devices (TADs) in orthodontic treatments, merging theoretical knowledge and practical applications.
- Proficiency in TAD insertion techniques: Attain expertise in diverse TAD insertion techniques, covering dependable insertion sites crucial for successful orthodontic interventions, through theoretical learning and hands-on practice.
- Integration into clinical workflow: Develop a comprehensive approach to integrate TADs seamlessly into clinical workflows, encompassing both analog and digital methodologies, ensuring optimized treatment efficacy.
- Practical application of skeletal anchorage: Explore practical applications of skeletal anchorage in the upper and lower jaw, gaining immediate integration skills applicable in diverse orthodontic scenarios encountered in daily practice.
- Combination of TADs with other appliances: Learn the strategic integration of TADs with various appliances, with a specific emphasis on their synergy and effective utilization in combination with clear aligners for managing complex orthodontic cases.
- Mastering mini-implant supported mechanics: Acquire mastery in fabricating and applying mini-implant supported mechanics, across a spectrum of indications, ensuring effective treatment outcomes and versatility in orthodontic solutions.

REGISTRATION & PRICING

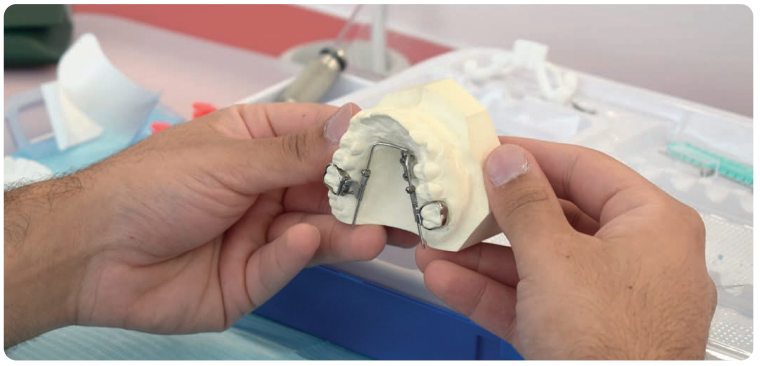
Agenda Day 1

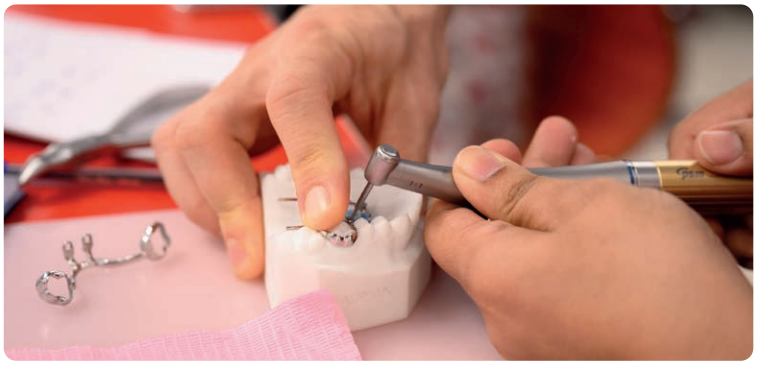
09:00 – 11:00	**Lecture:** Skeletal Anchorage Systems Insertion sites Clinical Workflows • Step-by-step from diagnostics to appliance installation • Analog Procedures & Manufacturing • Digital treatment planning & CAD/CAM processes
11:00 – 11:30	Coffee Break
11:30 – 12:30	**Lecture:** Upper jaw mechanics I • Distalization • Mesialization
12:30 – 13:00	**Hands-on I:** • Free & guided insertion exercises • Benefit Direct Implant Insertion into metal-printed TPA
13:00 – 14:00	Lunch
14:00 – 15:00	**Hands-on II:** Bending & installation of a Beneslider
15:00 – 16:00	**Lecture:** Upper Jaw Mechanics II • Molar intrusion • Impacted Teeth
16:00 – 16:30	Coffee Break
16:30 – 17:30	**Hands-on III:** • Bending a Mini-Mousetrap • Palatal cantilever mechanic for impacted teeth
17:30 – 18:00	Final Discussion

Agenda Day 2

09:00 – 10:30	**Lecture:** RME & Class III Therapy • Biomechanics of MARPE • Maxillary protraction • Orthopedic Mentoplates
10:30 – 11:00	Coffee Break
11:00 – 13:00	**Lecture:** Skeletal anchorage in the lower jaw • Insertion techniques & modes of anchorage • Mechanics with Mini-Implants • Mentoplates with orthodontic supra constructions
13:00 – 14:00	Lunch
14:00 – 15:30	**Hands-on IV:** • Insertion exercise for interradicular and crystal implants • Applying mechanics for direct & indirect anchorage • Uprighting mechanics for tipped molars
15:30 – 15:45	Coffee Break
15:45 – 17:15	**Lecture:** Combination of TADs with Aligners • Treatment protocols • Appliance specifications • Clinical cases
17:15 – 17:45	**Lecture:** Troubleshooting
17:45 – 18:00	Final Discussion

Courses Highlights





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