

Atraumatic tooth extraction and piezotome application for GP's

HANDS-ON TRAINING



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7CE
Credits



DATE:

23 September 2022 | 09:00 - 18:00



LOCATION:

CAPP Training Institute | Dubai | UAE



TARGET AUDIENCE:

General Dentists

Abstract

Mills, drills, burs and low-frequency oscillating saws were the only tools for bone-cutting for a long time and their use was rarely questioned on their biological and physiological effects on bone healing and osseointegration, especially when compared now with new technologies such as Piezotomes.

The workshop will start with a short basic revision of current knowledge of bone-healing, bone-regeneration, and osseointegration, followed by a detailed introduction to Piezotome-technology and a comparison of the physical and biological impact when drills and piezoelectric devices are used to remove teeth and to cut bone.

The second part of the workshop then will be dedicated to the training of the participants in newly developed minimal invasive piezotome-surgical procedures for atraumatic tooth extractions and their advantages for both the surgeon and patients with video demonstrations of basic and advanced Piezotome-surgical techniques. Starting with Piezotome-ridge-preservation in tooth extractions for simultaneous implant insertion and high-precision apicoectomies the participants will then be introduced also to advanced bone-surgical techniques with Piezotomes such as minimal invasive transcresal ultrasonic sinus lifting and flapless crest-splitting. Most surgical techniques will be trained ex vivo on specimens and anatomical models.

Learning Objectives & Outcomes

- Understand and apply the physiological principles of bone-healing in daily practice for improved and more predictable treatment outcomes
- Understand the significant differences between rotary instruments and Piezotome-surgical instruments when used in the GP-dentists everyday surgical procedures
- How to correctly apply minimal invasive Piezotome-surgical protocols in the GP-dentists everyday treatment routine
- To understand how You and Your patients will benefit from Piezotome-surgery
- How to start and apply entry-level and intermediate-level procedures for bone augmentation (sinus lift, crest-split)

Agenda

09:00 – 09:15	Opening and introduction
09:15 – 10:00	Basic principles and biology of bone healing
10:00 – 10:15	Coffee Break
10:15 – 11:00	Effects of rotary instruments versus Piezotome-instruments on bone: A critical review based on experimental and clinical evidence
11:00 – 12:30	Piezotome-applications and Piezotome-surgical protocols for the GP dentist: Live-surgery-video case presentations from tooth extractions with immediate implant placement, removal of impacted third molars and canines and orthodontic surgeries to simple Piezotome-bone-augmentation procedures.
12:30 – 13:30	Lunch Break
13:30 – 15:00	Hands-on: How to set up and handle the Piezotome-device, introduction to the Piezotome-tip-sets and their application and practice training: exodontia on simulation models, cutting bone for different tasks with different tips on animal ribs
15:00 – 16:00	Hands-on: High precision hard-tissue cutting with maximum soft-tissue preservation: Piezotome-surgical training on raw eggs to simulate entry-level sinus lift procedures.
16:00 – 18:00	Hands-on: Piezotome-Crest-Split procedure on animal ribs, transcrestal Intralift-procedure on maxilla-models

Teaching Methods

Formal and didactic lectures, case studies and discussion.

The hands-on training session will consist of the practice of skills.

Contact us Call / WhatsApp +971 50 279 3711

Registration Form

Name: _____ Specialty: _____

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A refund of the registration fee will be made as follows: Notification in writing must be received 60 days prior to the event: 50% – excluding VAT, bank charges and other charges relates to the payment. Notification in writing must be received 30 days prior to the event: 25% – excluding VAT, bank charges and other charges relates to the payment. Notification received within less than 30 days prior to the event will result in no refund.

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