

Minimally Invasive Surgical Techniques using Piezo Ultrasonic Devices

Lecture and Workshop Presented by Associate Professor Marcel Wainwright

The introduction of piezoelectric ultrasonic devices and working tips has completely opened up new paths and surgical techniques for implantologists, Oral Maxillofacial Surgeons, and surgeons in other specialties for the management of hard and soft tissue.

Piezoelectric ultrasonic surgery offers minimally invasive and atraumatic surgery, a never before seen ease and precision in surgical procedures, and an almost blood-free operative field.

Some additional benefits include faster healing with significantly less swelling, pain and complications.

COURSE TOPICS:

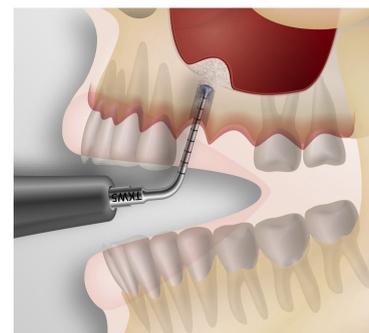
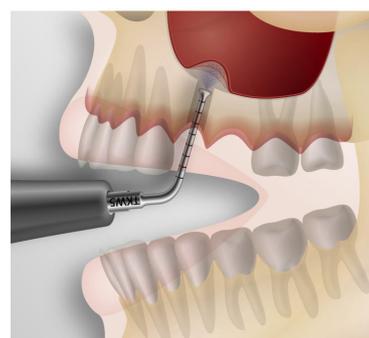
- Bone Grafting
- Sinus floor elevation via crestal approach
- Alveolar ridge expansion
- Atraumatic extraction for maximal preservation of the bony socket
- Crown lengthening techniques

COURSE OBJECTIVES:

- Obtain an understanding of the variety of applications of piezoelectric bone surgery
- Gain practical experience performing minimally invasive and atraumatic surgical techniques on animal cadaver
- Obtain an understanding of the transcresal hydrodynamic ultrasonic cavitation sinuslift
- Obtain an understanding of flapless piezoelectric enhanced vertical alveolar crest-split and horizontal distraction of alveolar crests

OUTCOMES:

- Participants will learn the technology behind the piezoelectric ultrasonic surgical device.
- Participants will have an understanding of the full benefits of piezoelectric ultrasonic surgery and the role it plays in minimally invasive procedures.
- Participants will gain knowledge regarding certain indications of use of piezoelectric ultrasonic surgery.
- Participants will be able to apply the correct surgical technique of piezoelectric ultrasonic surgery to perform multiple minimally invasive and atraumatic treatments.
- Participants will have an understanding of flapless vertical alveolar crest-splitting and horizontal distraction of alveolar crests.
- Participants will have an understanding of transcresal hydrodynamic ultrasonic cavitation sinus lift; a minimally invasive sinus lift.



Minimally Invasive Surgical Techniques using Piezo Ultrasonic Devices

Lecture and Workshop Presented by Associate Professor Marcel Wainwright

Associate Professor Marcel Wainwright believes the use of piezo ultrasonics is key to atraumatic bone surgical techniques in successful Implantology.

Marcel is a Certified Implantologist, professor for ultrasonic surgery and Implantology at the University of Seville.

He lectures Directed Courses and Live-Surgeries internationally on Augmentative Surgery, Ultrasonic Surgery and Aesthetic Implantology.

He is a member of the TKW Research Group (Trödhan, Kurrek, Wainwright), where he coined surgical techniques and instruments for ultrasonic surgery.

He is an active Member of European Society for Cosmetic Dentistry (ESCD) and Fellow of International Academy for Dental and Facial Esthetics (IADFE). His work has been published in numerous international magazines and he runs a successful practice in Dusseldorf.



Lecture Only

Monday 22 May 2017

Henry Schein Halas
Unit 1/44 O'Dea Avenue Waterloo

6:00pm - 9:00pm

2.5 CPD Hours

Cost: Free of charge

Lecture and Workshop

Tuesday 23 May 2017

Henry Schein Halas
Unit 1/44 O'Dea Avenue, Waterloo

8:00am - 5:00pm

7 CPD Hours

Cost: \$600 per participant

Register online: www.henryschein.com.au/education

Registration Enquiries T: 1300 302 421 E: events@henryschein.com.au