



# Piezosurgery Techniques

## Course Description...

The Introduction to Surgical Techniques Course equips you with the knowledge necessary to then master this innovative new technology for your practice. This course will give you the confidence to use the device and the knowledge that you are giving your patients the advantage of the newest technology in the market.

You will learn everything from how the device was invented to specific, hands-on application of the techniques for use in the following dental applications: from simple removing supra and subgingival calculus deposits and stains from teeth, scaling and root planning, Crown Lengthening, Periodontal Surgery and Root Debridement, and retrograde preparation of root canals. It performs bone cutting with great precision facilitating Ridge Augmentation, Ridge Expansion, Bone particulate Graft Harvesting, Bone Block Harvesting, Tooth Extraction, Ankylotic Tooth Extraction, Implant Site preparation, implant removal, to name a few. A minimally invasive sinus lift technique will be demonstrated and compared to the more traditional approaches.

## About the Speakers...

### Darryl Beresford

**B.Sc. Qld 1980, B.D.Sc. Qld. 1980**  
**Grad. Dip.Clin.Dent (Oral Implants) Syd.Uni. 2001**  
**M. Clin. Dent. (Prosthodontics).King's College Uni. London 2006**



Darryl Beresford has limited his practice to implant placement and Prosthodontics. He is an experienced and innovative clinician, having placed and restored over 1000 dental implants and placed a further 200 implants on referral for other colleagues and has incorporated the technique into his practice over the last 2 years and developed a simplified, predictable minimally invasive sinus lift technique.

Dr. Beresford is also a member of numerous professional organizations both locally and internationally and lectured on areas of prosthodontics and Implant surgery.

### Sarkis Nalbandian

**BDS (HONS) Syd. UNI. 1983**  
**Grad.Dip.Clin.Dent (Oral Implants) Syd.Uni. 2001**  
**M.Clin.Dent. (Prosthodontics) King's College Uni. London 2005**



Sarkis Nalbandian has completed his Bachelor of Dental surgery with honours in 1983, Completed Graduate Diploma in Clinical Dentistry (Oral Implants) in year 2000 at University of Sydney. He has also completed his Masters (Prosthodontics) in 2005 with Distinction at King's College, University of London.

Dr. S. Nalbandian is also a member of numerous professional organizations both locally and internationally and lectured on areas of prosthodontics and Implant surgery.

He is experienced clinician in Prosthodontics and Implant surgery. Having placed & restored over 1000 dental implants as well as placing implants for referring colleagues. He was one the first dentists in Australia to employ the techniques of piezosurgery in everyday practice. This has changed his practice dramatically from Implant placement planning, bone harvesting, grafting etc. He has incorporated safe, simple efficient concepts of all aspects of piezosurgery in his clinical practice, especially where difficult implant placement is anticipated.

He is in private referral practice in Sydney, limited to Aesthetics, Prosthodontics & Implant Surgery.



## Course Programme...

**8:00am** Registration

**9:00am** Scientific Basics of the Piezosurgery Technique

- Physical characteristics of cutting instruments in bone surgery
- What is Piezoelectric Bone Surgery?
- Concept and Technology
- Clinical Characteristics of the Piezosurgery Cutting Action

**10:00am** Coffee Break

**10:30am** Comparative Intra-Operatory Surgical Control and Tissue Healing Response to Traditional Instruments

- How to use Piezosurgery to get better and faster results
- Case presentations: initial diagnosis to treatment planning followed by implant placement, from simple to complex full mouth rehabilitation. Lateral thinking: providing simple solutions for complex problems.

**12:00pm** Break for Lunch

**1:00pm** Demonstration using video presentation of clinical cases treated by the presenters followed by surgical and Hands on Exercises

- Attendees will be shown how to get the device ready for surgery, how to use the technology properly, and how to manage the device and inserts.
- The practical session allows each participant to test the capabilities and observe the advantages of Piezoelectric osteoplasty, for ridge expansion and bone chip harvesting without damaging soft tissue.

**3:00pm** Coffee Break

**4:30pm-5:00pm** Question and Answer Session