



## **HANDS-ON WORKSHOP ON NON-SURGICAL AND SURGICAL ENDODONTICS**

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This hands-on workshop aims to discuss the modern principles and treatment strategies to solve clinical problems faced by many Endodontists during treatment. Participants taking the hands-on workshop in will go through skills training exercises to build up confidence in treating complications using the microendodontic and microsurgical approach. At the conclusion of the course, participants will learn the most current clinical techniques and solutions derived from the evidence based approach. They will have the opportunity to use the technologically advanced and newly designed Titanium Niobium ultrasonic tips with microsurgical instruments under microscopes that incorporate the latest technology.

The program outline:

Learning objectives in molar root canal treatment:

1. Find and instrument calcified canals with greater precision
2. Bypass ledges and treat the severely curved root canal
3. Understand why the technologically advanced Titanium Niobium ultrasonic tips are superior to regular titanium or steel tips
4. Advanced designs in Niobium Titanium ultrasonic tips: How to use them effectively
5. Advances in the technology of the Surgical Operating Microscope

Problems and Solutions in Endodontic Retreatment:

1. Learn to decide when to remove a post and when to do surgery. How to remove metal or fiber posts safely.
2. Remove tightly bound thermafil carriers, silver points or obstructions in root canals
3. Use the latest Niobium Titanium ultrasonic instruments to remove separated instruments around curves in root canals or in the apical one-thirds of canals
4. Steps to deal with the dilemma of perforations and procedural errors

Learning objectives in Endodontic Microsurgery:

1. Choosing between Retreatment or Microsurgery
2. Manage complications in endodontic microsurgery: Sinus perforations, mental nerve involvement, palatal microsurgery, hemorrhage & mandibular second molar microsurgery
3. Endodontic Microsurgery under local and general anesthesia