

**College of Diplomates Summer Conference, Stowe Mountain Resort, Vermont**  
**August 11th- August 14th, 2022**

**Lecture titles/description/objectives**

**8:30-10:00am** Title: **This is your Knife!**

**Description:** Surgical cases representative of varied procedures and locations are available but hidden behind a hyperlinked pictogram. The attendees can select the hidden case at random, where the pertinent history and images are displayed in this “Microsurgical Jeopardy” format. The group can have a short discussion concerning treatment options and progression then the actual treatment is presented for evaluation and comments.

**Objectives:** At the conclusion of the session, the participants shall:

1. Formulate varied treatment approaches based on site requirements and systemic health concerns.
2. Construct a decision tree of treatment options, prioritizing order and effectiveness.
3. Discover, through collective debate, the myriad of options and treatment approaches for any given case.

**10:15am -12:15pm** Title: **Good Vibrations: The Piezo Evolution!**

**Description:** Treatment of a refractory endodontic procedure via microsurgical revision presents better outcomes due, in part, to the integration of the Surgical Operating Microscope (SOM) and CBCT into clinical practice. The combination of superior visualization at higher magnifications with the ability to “virtually” rehearse the procedure and anticipate complications expand the potential surgical possibilities. Technologies have been developed to satisfy the demands of evolving micro techniques but are not limited to the classical endodontic armamentarium. The most recent example is the implementation of the Piezosurgical technique for root end surgery. Posterior sites, with substantial cortical plate thicknesses and sensitive anatomy, present the dichotomy of visualization versus post-surgical regeneration of bone. The bony lid technique bridges the gap between these two concepts, and the application of Piezosurgery renders a precise and biocompatible osseous incision. A brief introduction and history of the technique precedes a more detailed progression of Piezosurgery including the Bony Lid technique, indications, contraindications, and complications.

**Objectives:** At the conclusion of the session, the participants shall:

1. Discuss the development of the bony lid technique and the advantages/disadvantages.
  2. Evaluate the use of Piezoelectric surgery and PRESS<sup>®</sup> versus conventional techniques for root end procedures.
  3. Explain the etiologies of treatment failures and their prevention/remedies
- Good Vibrations:  
The Piezo Evolution!**