The New, New RCT: How digital technology development is changing the specialty of Endodontics

**EARLY REGISTRATION IS ENCOURAGED!**

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<td>June 3: 9:00am – 4:00pm</td>
<td>Lecture/Demonstration</td>
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<td>June 4: 9:00 am-12:00pm</td>
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**Registration:**

- 8:30 a.m.

**Location:**

Temple University Kornberg School of Dentistry
3223 N. Broad Street, 1st Floor, Seminar Room 1
Philadelphia, PA 19140

**Tuition:**

- Dentist $325
- Dental Team $175
- Faculty $80
- Resident/Student $50

**Credits:**

9(L/P)

**Refund Policy:**

Full refunds are granted, less a $50 administrative fee per person, **if we receive your written cancellation five business days prior to the start of a course; no refunds** are granted after that time.

**Questions?**

[https://dentistry.temple.edu/continuing-ed](https://dentistry.temple.edu/continuing-ed), 215-707-7541, ncarreno@temple.edu

**Registration:**


This course for post-grad endo residents is designed to acquaint them with recent advances in Endodontics: Instruments, materials, and techniques, including dynamic guidance, rotary negotiation, management of impediments with controlled-memory rotary files, functional characteristics of file geometry for minimally-invasive endo (MIE) root canal preparation, negative pressure and multi-sonic irrigation, 3D single-cone obturation with bioceramic sealer, perfect state-of-the-art post-RCT restoration with 5-second cure times. Residents will be shown each topic as lecture and live demo.

**Upon course completion, you will:**

- Understand when and how dynamic guidance can be used to direct endodontic access through calcified pulp chambers and to locate root apicies during endodontic surgery
- Understand where the law of decreasing returns comes to play in the design and cutting of minimally-invasive access cavities and how that informs our daily entry into root canal systems.
- Learn how high tech irrigation procedures allow smaller canal preps and how to fill them.
- Learn about 3D obturation in the age of bioceramics.
- Learn about 100% long-term seals created post-endo restoration.
Stephen Buchanan, DDS, FICD, FACD

Dr. Buchanan received his dental degree in 1978 from the University of the Pacific Arthur A. Dugoni School of Dentistry, San Francisco, CA, where he was Valedictorian of his class. In 1980 he completed the endodontic graduate program at Temple University in Philadelphia, PA. He began pursuing three-dimensional anatomy research early in his career. In 1986, he became the first person in dentistry to use micro-computed tomography technology to show the intricacies of root structure. In 1989, he established Dental Education Laboratories (now DE Labs) a state-of-the-art training facility devoted to hands-on instruction where he teaches endodontic treatment, retreatment and segmented file retrieval. In addition to hands-on training courses at the DE Labs campus in Santa Barbara, California, Dr. Buchanan is a frequent guest lecturer and live demonstration presenter for the ADA, AAE, AAED, AGD as well as for numerous dental societies around the world. Dr. Buchanan holds a number of patents for dental instruments and techniques. Most notably, he was the first to introduce variable-tapered instruments for use in endodontic therapy and pioneered a system-based approach to treating root canals. Dr. Buchanan’s most recent work in hands-on training is the development of 3D-printed TrueTooth™ and TrueJaw® procedural training replicas. Dr. Buchanan is a Diplomate of the American Board of Endodontics and a Fellow of the International and American Colleges of Dentists. He currently serves as Adjunct Clinical Professor for the Endodontic Residencies at University of Southern California, the University of California at Los Angeles, and Temple University at Philadelphia. Dr. Buchanan maintains a full-time private practice limited to endodontics and implantology in Santa Barbara, California, USA.

Dr. Stephen Buchanan: No relevant financial relationships to disclose
CE Planning Committee: Members of the CE planning committee have no relevant financial relationships to disclose.