SYNOPSIS:
The lecture segment will concentrate on three areas. 1) How to incorporate new material science, such as bioceramic technology into your practice 2) How to perform root canal therapy in such a manner that you actually enhance the long-term prognosis of the tooth and 3) Understanding the Endo-Restorative Continuum and its implications for your practice.

At last Endodontic Evolution meets Endodontic Revolution! After two decades of research and experimentation with NiTi rotary instruments, an expandable rotary instrument has been created. New adaptive 3D files have produced a revolution in simplicity, efficiency, and safety for you and your patients. These unique instruments expand at body temperature effectively debriding and disinfecting oval and irregular shaped canals without compromising the structural integrity of the treated tooth. This body temperature transformation allows faster and safer instrumentation using fewer files than conventional techniques. The improved file-dentin interface allows minimally invasive root canal preparations that can easily be obturated using bioceramics. True 3-D instrumentation and obturation has arrived. Furthermore, all participants will have the opportunity to validate these concepts during the hands-on session. Real World Endo remains dedicated to the preservation of the natural dentition. A new era has begun!

Mario E. Abdennour, DMD, MMSc
Dr. Abdennour received his Doctor of Dental Medicine degree in 1989 from the Washington University School of Dental Medicine where he as well received the "outstanding clinical ability" award. In 2000 he received his certificate in endodontics, and a Master in Medical Sciences in Oral Biology from Harvard University. Dr. Abdennour currently holds a part-time faculty appointment at the Advanced Graduate Endodontic Program at Harvard where he teaches surgical and non-surgical endodontics. During his specialty program he also trained in surgical endodontics at the Karl Franz University Hospital in Austria. Upon graduation from Harvard, he was the class recipient of the Krakow Award for Clinical Proficiency in Endodontics. Dr. Abdennour has conducted endodontic research at the Forsyth Dental institute in Boston contributing to the patent of a therapeutic endodontic agent. He has also presented a live endodontic surgery at the Endodontic Program at the West Virginia University School of Dentistry. Dr. Abdennour has also served as the President and Chairman of two states component district dental societies and currently is also the President of the Massachusetts Association of Endodontists.

LEARNING OBJECTIVES:
- The basic foundations of Endodontic success.
- The concept of anatomic shaping.
- To triage Basic and Advanced cases and how to apply the correct instrumentation for each case.
- Two different instrumentation techniques for managing different canal anatomies (conventional & 3D).
- The benefits of sealer based obturation using bioceramics.
- The various applications of ultrasonics.
- How to use integrated apex locator-handpiece technology.
- To place posts using a matching post and core system. How to create straight-line access that will expedite the endodontic process.

The hands-on component is sponsored by

"PLEASE BRING A FILE SAMPLE FROM YOUR CURRENT ROTARY SYSTEM TO COMPARE TO ESX (A SIZE 35 IS IDEAL). IN ADDITION, ANY ACCESSED, EXTRACTED TEETH YOU MAY WANT TO WORK ON."