Dr. Robert E. Grover was born and raised in Staunton, Virginia. He is a graduate of Hampton-Sydney College and the Medical College of Virginia School of Dentistry. After serving as a dentist in the U.S. Navy, Dr. Grover returned to practice general dentistry in Staunton. Dr. Grover received a certificate of Advanced Graduate Studies in Endodontics from Boston University School of Graduate Dentistry in 1992. He has since been in private practice in Charlotte, N.C. In addition to his endodontics practice, he is Associate Professor of Endodontics at the University of Virginia Department of Dentistry and Assistant Professor of Endodontics at the Virginia Commonwealth School of Dentistry Department of Endodontics.

Dr. Grover has been a member of the American Dental Association since 1984, the Virginia Dental Association since 1987, and the American Association of Endodontists since 1993. He became a member of the International Academy of Endodontics in 2019. Dr. Grover, his wife Brenda, and daughter Sarah are residents of Charlottesville, Virginia since 1992. Their son Andrew lives in Washington, D.C.

Treatment of Compromised Teeth: What is possible?

Synopsis:

In their book Evidence-Based Decision Making in Dentistry, Drs. Rosen, Nemcovsky, and Tanius state that “the ultimate goal of conservative dental treatment is to preserve the natural dentition.” They recognize however, that in compromised cases, where a more complex multidisciplinary approach may be necessary, the attempt to retain a tooth for the long-term may be less predictable creating a potentially difficult decision for the clinician and therefore the patient. Should a compromised tooth be retained or extracted in favor of replacement with an implant? In their position paper on implants, the AAE stated that implants have “enhanced oral function for many patients by profoundly affecting treatment planning for teeth with unfavorable prognosis, and for the rehabilitation of edentulous spaces.” Though implants were initially designated as replacements for missing teeth, many clinicians have migrated to using implants as substitutes for existing teeth.

The AAE’s position is that the “early removal of a compromised tooth and replacement with an implant” paradigm should be reconsidered. In 2014, the AAE released a treatment guide for compromised teeth including root amputations, resorptions, procedural complications, and endodontic retreatment. This guide provided treatment considerations and prognosis for each of the categories of compromised teeth. However, little consideration was given to the long-term outcomes of the treatment described in the guide.

Over the past seven years, Dr. Grover has followed over 4,000 of cases that he has treated since opening a private endodontic practice in 1995. Using the AAE’s decision making guide as a template, Dr. Grover will attempt to illustrate what is possible with regards to treatment of compromised teeth.

Learning Objectives:

- Describe and understand what is meant by the term compromised teeth
- Be able to discuss the benefits of retaining compromised teeth
- Understand the conditions that may enhance the retention of compromised teeth
Dr. Carlos Aznar Portoles obtained his dental degree in 2004 from Universitat Internacional de Catalunya, Barcelona, Spain. In 2009 he completed a Master Program in Endodontics at the same university. After moving to The Netherlands, he obtained a Postgraduate Certificate in Endodontics in 2014 (ACTA, Amsterdam). He is the author of several endodontic-related articles and lectures regularly at national and international meetings. Amongst his articles are “Dehydration Induces Cracking in Root Dentin Irrespective of Instrumentation: A Two-Dimensional Study”; “Biocompatibility potential of endo sequence BC RRM putty”; and “A Central Incisor with 4 Independent Root Canals: A Case Report” in the JOE 2015. He is a specialist member of ESE (European Society of Endodontics), AEDE (Spanish Endodontic Association) and NvE (Dutch Endodontic Association).

Dr. Portoles has lectured in several international meetings, including the AAE at the 2016 San Francisco meeting on "Therapeutic Options for the Management of External Cervical Resorption" and "Endodontic Re-surgery: Where are the limits?" and AAE 2017 meeting in New Orleans on "How to improve your microscope skills" and "Management of the Failing, Previously Surgerized Tooth". Dr. Portoles maintains a private office in Haarlem, The Netherlands, which is limited to endodontics and endodontic microsurgery. Carlos and his wife Jacqueline have 3 children, Olivia, Isabel and Hugo. In his free time Carlos enjoys running, tennis and sailing.

Efficiency Based Endodontic Microsurgery

Synopsis:
Endodontic microsurgery has proven to be an effective alternative for the treatment of teeth with apical periodontitis. Outcome studies show high success rates when modern techniques are employed. But, is there room for improvement? During the last years, several microsurgical materials and techniques have been introduced. During this presentation I will discuss how these materials and techniques can help us to work more efficiently. We will also describe methods to improve team efficiency and how to apply those in the daily practice. Ergonomics is a significant consideration when providing endodontic microsurgery for your patients.

Learning Objectives:
- Learn strategies to improve the efficiency of the microsurgical team
- Discuss new materials and techniques in endodontic microsurgery
- List the different applications of Dynamic Surgical Navigation in endodontic