

The New Jersey Association of Endodontists
Presents the

25th Annual Marc Balson NJAE Winter Symposium

ADA CERP® | Continuing Education
Recognition Program

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Dr. Robert E. Grover was born and raised in Staunton, Virginia. He is a graduate of Hampden-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 Charlottesville, Va. 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 Endodontics since 1993. He became a member of the International Academy of Endodontics in 2019. Dr. Grover, his wife Brenda, and daughter Sarah have been residents of Charlottesville, Virginia since 1992. Their son Andrew lives in Washington, DC.

Treatment of Compromised teeth: What is possible?

Synopsis:

In their book Evidenced-Based Decision Making in Dentistry, Dr's Rosen, Nemcovsky, and Tsisis 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 an 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

The Marc Balson NJAE ENDODONTIC WINTER SYMPOSIUM 2020



Kehn Yapp, BDS, DCD

Scott Weed, DDS

Carlos Aznar Portoles, BDS Msc

Robert Grover, DDS

This live learning activity provides
6 ADA CERP® continuing education credits.

**Saturday
March 14, 2020**

Marriott Hotel

**Newark's Liberty International Airport
www.marriott.com**

**Registration and Continental Breakfast
7:00 AM - 7:50 AM**

**Symposium
8:00 AM - 4:00 PM**

Lunch 11:45 - 12:45

Suggested Accommodation: Newark's Liberty
International Airport Marriott Hotel
NJAE has reserved a number of rooms at
reduced rates.

**Marriott Hotel - Reservations:
973-623-0006 or 1-800-882-1037**
Newark's Liberty International Airport is served
by the major domestic airlines.



Dr. Kehn Yapp, BDS, DCD (ENDO) is an Australian endodontist in Melbourne, Victoria. In 2008, he obtained his Bachelor of Dental Science degree from The University of Melbourne. After two years in general private practice, he commenced specialty training at The University of Melbourne and completed his Doctor of Clinical Dentistry in Endodontics in 2013. From 2014, he began specialist endodontic practice in regional New South Wales and returned to Melbourne in 2019.

Dr. Yapp's professional interests include: providing high quality endo-restorative care to patients, ergonomic microscope team training and endodontic applications of cone beam CT imaging. Kehn has lectured at several international and Australian endodontic conferences in the areas of: restoratively driven endodontics, diagnostic testing and decision theory, and efficient use of the operating microscope. He is part of the team to teach hands-on, microscope ergonomic training to groups of endodontists and assistants at the annual Pacific Endodontic Research Foundation meeting in San Diego, California. He enjoys traveling, cooking and skiing."

Kehn has lectured at several international and Australian endodontic conferences in the areas of restoratively driven endodontics, diagnostic testing and decision theory and efficient use of the operating microscope. Dr. Yapp is a member of the Australian Dental Association, the Australian Society of the Endodontology and enjoys keeping fit at the gym, skiing, travelling and more recently salsa dancing. Dr. Yapp will present 2 lectures at the morning program.

Becoming a better diagnostician by understanding decision and probability theory

Synopsis:

A sophisticated understanding of the testing process is imperative for any clinician involved in diagnostic decision making. Whilst these concepts are established and widely prevalent in the medical community, they are yet to achieve widespread acceptance in dentistry. Grasping and implementing concepts of probability and decision theory - such as Bayes' theorem and receiver operating characteristic analysis - will only lead to improved decision making, a greater understanding of the type of information to be collected and the kinds of errors that can be made. At another level, this leads to an understanding of the types of questions and their usefulness that should be asked in the diagnostic domain.

Learning objectives:

- Understand the principles of diagnostic testing from a probabilistic perspective.
- Describe the performance characteristics and identify the limitations of a diagnostic test.
- Use concepts of probability to be aware of the types of errors in decision making.

"Cognitive biases in test interpretation - how to recognize them and avoid being \ fooled"

Synopsis:

The human element of test interpretation can be subject to occult biases which may have significant effects

on diagnostic decisions. These can range from simple language descriptors to test findings being associated

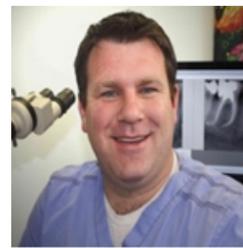
with unknown disease progression or morbidity. Whilst the spectrum of available test modalities in

endodontics may be limited, the components of many aspects of the interpretive process have not yet been thoroughly studied.

Immediate recognition of the sources of error can be difficult when there is a lack of awareness and understanding of the biases in perception and interpretation. When a careful and methodical approach to test interpretation is used, along with an awareness of the likely biases that may affect decision making, clinicians can be more likely to overcome common errors in the diagnostic interpretive process.

Learning objectives:

- Be aware of cognitive biases in test interpretation.
- Understand how perception can influence diagnostic decision making.
- Limit diagnostic error by accounting for the effect of cognitive biases in the interpretive process.



Dr. Scott Weed earned a B.S. in Molecular Biology from Brigham Young University. He graduated from the University of the Pacific School of Dentistry with a D.D.S.. He served as a U.S. Naval dental officer (AEGD) in Okinawa, Japan. He graduated with an endodontic residency certificate from the University of Southern California in 2011. After graduating from USC, he practiced with Dr. John Khademi in Durango, Colorado for over a year. Since August of 2012 he has been in private practice limited to endodontics in Reno, NV. His professional interests are in decision making, rational thought, digital imaging and restorative dentistry. He has made presentations nationally and internationally on varied topics such as Endodontic Diagnosis; Cognitive Dissonance; Apex Location; Articulatory Phonetics; Evidenced Based Endodontics; Metallurgy of Nitinol; Restoration of Endodontically Treated Teeth. He has authored a chapter in "Best Practices in Endodontics", Quintessence, 2015 and an article in Dentaltown Magazine on Endodontic Diagnosis in January 2015. Dr. Weed is a Founding Fellow of the International Academy of Endodontics and the C.A.I.C. Restorative Academy. He and his wife, Whitney, have been married for 17 years and have six wonderful children.

"To Test or Not to Test—To Treat or Not to Treat"

Synopsis:

As practicing clinicians, we utilize a variety of tools and methods to arrive at clinical decisions. Some of what we do we learned as a student or resident, or maybe from a mentor or continuing education experience. However, many of the things we do might be difficult to explain or articulate and constitute what we're familiar with as "the gut." Medical decision making has been studied for many decades, and modern theories of emerged in the past 30 years. This lecture will embark on a brief review of the development of current thinking on clinical decision making. We will highlight the principles of decision making and demystify things like "gut decisions." The use and misuse of tests will be covered in detail as well as how basic elements of probability theory can increase our chances of positive outcomes.

Learning Objectives:

- Become familiar with the origins and current state of decision theory in medicine and dentistry.
- Understand what a test is and when they are both helpful and not helpful.
- Understand the role time plays in test results and how time itself can be a test.
- Identify and put into practice elements of probability theory to improve patient education as well as treatment outcomes.



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"; "Bioactivity 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 Nvve (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

On-line registration only at: www.njendo.org

Tuition:
Please check appropriate box
(Tuition includes continental breakfast, lunch and course materials)

NJAE Members (with 2019/2020 dues paid). **\$360**

NJAE Member Guests (dues paid) . . **\$360**

Non-member Endodontists & Dentists. **\$495**
register before 3/07/2020

U.S. Military Dentists **\$300**

Full Time Endodontic Faculty **\$495**

Endodontic PG's **\$100**

Non member endodontists & dentists **.\$525**
after March 7, 2020

For more information please contact:

**Dr. John Archible at drarchible@gmail.com
or Dr. Marc Balson at guttadoc@gmail.com**

**Use our online registration
application on the New Jersey
Association of Endodontists website.**

www.njendo.org

NJAE membership is not restricted to endodontists from New Jersey. If you are a practicing endodontist/dentist from another state or country you can be a member of NJAE with a dues payment of \$135.00 per year. That entitles you to a **discounted registration fee** and free Fall Symposium registration.

***Course Cancellation Policy:**

NJAE reserves the right to cancel a course up to three weeks prior to the course date. If the course is cancelled, the registration fee will be refunded in full. It is advisable to check and confirm course status before making your travel arrangements.

Cancellations by the registrants within **7 days of the program** will be charged the full registration fee they paid. A 75% refund will be applicable for cancellations before March 1st to cover administrative expenses.