

THE CALIFORNIA STATE ASSOCIATION OF ENDODONTISTS  
*PROUDLY PRESENTS*

The CSAE Annual Meeting  
Portola Hotel and Spa  
Monterey Bay  
October 25-26, 2024

Dr. Mohamed Fayad  
Dr. Andrew Young  
Dr. Kenneth Tittle

CE Credits: 14

Registration:

CSAE Members: \$425  
Postgrad Residents: \$295  
Full-Time Educators: \$295  
Non-Members: \$495



**Portola Hotel and Spa  
Monterey Bay  
Reservations: \$285/night**

**Reserve Room by Phone:**  
*(Mention CSAE Conference)*  
**(866) 711-1734**  
**or Online: [www.csaEndo.org](http://www.csaEndo.org)**

*Reduced Hotel Rates Apply before September 21, 2024.  
Meeting Registration Deadline: October 1, 2024*

**CSAE**

# Course Descriptions

**Friday: Dr. Mohamed Fayed**

## **Pushing the Limits in Endodontics Utilizing a new CBCT software (e-VOLDx), Laser irrigation and Dynamic Real Time Navigation with Scopey overhead projection.**

Cone-beam technology currently has numerous applications in the dental field. CBCT has a great impact in endodontics and is changing case diagnosis, treatment planning and treatment outcomes in the daily practice dramatically. CBCT provides the clinician with the ability to assess an area of interest in 3 dimensions and eliminates the superimposition that is inherent in conventional radiographic imaging.

This presentation will detail the utilization of CBCT DICOM imaging data as a scaffold to integrate new technologies as e-VOLDx (300 times the resolution of CBCT software), Fotona laser irrigation and Navident dynamic navigation in treatment planning and treatment of non-surgical and surgical cases. This presentation will demonstrate the application of e-VOLDx software, allowing clinicians to visualize structures never seen in an imaging software before as the dental pulp, nerve bundles, maxillary sinus membranes, marginal ridge cracks and vertical root fractures for the first time.

CBCT technology and e-VOLDX have provided clinicians with a different understanding of the dynamics of dental disease and healing. Based on the information provided from CBCT volumes, changes in treatment protocols and armamentarium will be presented.

Learning objectives:

- Utilize CBCT technology as a scaffold to incorporate new technologies as e-VOLDx software and Navident in Endodontic armamentarium.
- Import CBCT dicom images into e-VOLDX software for diagnosis, visualizing, treatment planning and treatment of marginal ridge cracked teeth, vertical root fracture and resorptive defects.
- Utilize laser technology in painless injections, acoustic streaming canal irrigation and biostimulation for pain management and healing promotion.
- Import CBCT dicom images into and Navident dynamic navigation to treatment plan and treatment of complex non-surgical and surgical cases (sinus communication, mental nerve proximity and buccal lid technique).

**Saturday: Dr. Andrew Young**

## **Discerning Muscular Pain from Endodontic Pain, and Other Orofacial Pain Challenges**

Orofacial pain frequently appears in the endodontist's office, masquerading as endodontic pain. Muscular pain may be the most common, but neuropathic pain will as well. This course will explain how to recognize non-odontogenic orofacial pain as such. It will also discuss how to modify endodontic procedures for patients who have a history of TMD and/or neuropathic pain.

Learning Objectives:

- Recognize TMD when it mimics endodontic pain. Recognize neuropathic pain when it mimics endodontic pain.
- Modify endodontic procedures for patients who have a history of TMD and/or neuropathic pain.

## **Responsibilities and Requirements of Prescribing Schedule II Opioid Drugs**

Narcotics can provide substantial pain relief and when used judiciously, on a case-by-case basis, can be a valuable tool. You will first learn about the inflammatory, neurological and psychological processes that contribute to the great range of pain responses your patients encounter. This foundational knowledge will prompt a discussion of preoperative, perioperative and postoperative approaches for more effective pain management, which when used together, can prevent a need for narcotics in most cases.

**Dr. Kenneth Tittle**

## **The Expert's Role in Patient Treatment Decisions**

This course will detail how patients perceive information we present. The public's faith in "experts" has declined. How we present information and engage in collaborative decision making can help restore this trust. In an age where "doing your own research" seems to trump a lifetime of expertise, this course will help practitioners frame and present information in a coherent manner to promote a shared decision-making model.

Learning objectives.

- Review reasons for the public's decline in faith in experts
- Present behavioral concepts on how information is received
- Illustrate trends in advertising and how they create emotion based decisions
- Discuss biases in information interpretation
- Review guidelines for simplifying how we present data.

# Agenda

**Friday, October 25, 2024/Featuring Mohamed Fayad**

7:30 –8:30 AM	Check in/Hosted Breakfast
<b>8:30—9:00</b>	Welcome/Introductions
<b>9:10:30</b>	<b>To Scan or Not to Scan</b> CBCT foundations, scientific evidence, diagnosis, treatment planning, diacom images, AI software
10:30-10:45	Break
<b>10:45—12:15 PM</b>	<b>Cracking the Code of Cracked Tooth Syndrome</b> Challenges in diagnosis/treatment, AI software, advances in minimally invasive treatment
12:15—1:30	Hosted Lunch
<b>1:30—3:00</b>	<b>Laser Assisted Endodontics</b> Laser physics, system comparison, irrigation, nonsurgical and surgical applications
3:00—3:15	Break
<b>3:15-4:45</b>	<b>Endodontic Microsurgery</b> CBCT treatment planning, maxillary sinus/nerve bundle management, dynamic navigation
4:45—6:00	Hosted Cocktails/Hors d'oeuvres

**Saturday, October 28, 2024**

**Featuring Dr. Andrew Young/ Dr. Kenneth Tittle**

7:30—8:30 AM	Hosted Breakfast
<b>8:30-9:00</b>	<b>CDA/IAF Update</b>
<b>9:00-10:30</b>	<b>Discerning Muscular Pain from Endodontic Pain and other Oral Facial Pain Challenges</b>
10:30—10:45	Break
<b>10:45-12:15 PM</b>	<b>The Expert's Role in Patient Treatment Decisions</b>
12:15-1:30	Hosted Lunch
1:30-2:30	<b>Responsibilities and Requirements of Prescribing Schedule II Opioid Drugs (Part 1)*</b>
2:30-2:45	Break
<b>2:45-4:00</b>	<b>Responsibilities and Requirements of Prescribing Schedule II Opioid Drugs (Part 2)*</b>

*\* This course fulfills the Dental Board of California bi-annual Continuing Education Requirement.*

# Biographies of our Speakers



## **MOHAMED FAYAD, DDS, MS, PhD**

Dr. Fayad received his DDS in 1985 from the Collage of Dentistry, Cairo University. Dr. Fayad received his Master's in Oral Sciences in 1994 from the University of Buffalo in New York. He received his PhD in 1996 as a joint supervision between University of Buffalo and Cairo University. He received his endodontic training at the College of Dentistry at the University of Illinois, Chicago (UIC). Currently he is the director of endodontic research, and a clinical associate professor in the endodontic department at UIC, dividing his time between teaching, research, intra- and extra-mural continuing education and private practice. Dr. Fayad co-chaired AAE/AAOMR committee drafting the joint position statement on CBCT (2015). He has numerous publications and chapters in peer reviewed journals and textbooks. He is the co-editor of the CBCT text book (*3-D Imaging in Endodontics: A new Era in diagnosis and treatment*) by Springer (2016 and 2023). He is a recipient of the Calvin D. Torneck Part-Time Educator Award for 2022 by the American Association of Endodontists. He is a Diplomate of the American Board of Endodontics and has given numerous national and international presentations.



## **ANDREW YOUNG, DDS, MSD**

Dr. Young is an Associate Professor, Department of Diagnostic Sciences, and Adjunct Assistant Professor, Department of Orthodontics at the University of the Pacific-Arthur A. Dugoni School of Dentistry. He received his DDS degree from University of California, San Francisco, a GPR certificate from the VA Northern California McClellan Healthcare Facility, and his MSD in orofacial pain from the Rutgers University School of Dental Medicine. He is a Diplomate of the American Board of Orofacial Pain, and a Fellow of the American Academy of Orofacial pain. He is the director of orofacial pain at UOP-Dugoni and he is head of the UOP Evidence-Based Decision-Making and Critical Thinking curriculum which teaches appraisal of the scientific literature. He has published numerous review and original research articles in peer-reviewed journals.



## **KENNETH TITTLE, DDS, MS**

Dr. Tittle earned his BS in Biopsychology from the University of California, Santa Barbara and his DDS from the University of the Pacific-Arthur A. Dugoni School of Dentistry. Dr Tittle received his endodontic training at Loma Linda University. Dr. Tittle maintains a full time private practice in endodontics in Pleasant Hill, CA with his daughter, Dr. Mia Tittle. He is an Assistant Professor of endodontics at UOP-Dugoni, and has lectured to local dental societies, the CDA, the ADA, and The American Association of Endodontists. He is a Diplomate of the American Board of Endodontics, a Fellow of the American College of Dentists, a Fellow of the International College of Dentists, a past board member of the Public and Professional Relations Committee of the AAE, a past board member of the AAE, a past President of the California State Association of Endodontists, a member of the Practice Affairs Committee of the the AAE, and current Public Policy Advocate for the CSAE.