



www.penickstudyclub.com

District I Component of the AAE in Collaboration with the Edward C. Penick Endodontic Study Club

Date: November 21, 2024

Venue: Maggiano's Little Italy – Friendship Heights

Meeting Schedule:

Cocktail ½ Hour: 5:30 to 6:00 p.m.

Dinner and Business Meeting: 6:00 to 6:45 p.m.

Lecture: 6:45 to 8:30 p.m.

Q & A: 8:30 to 8:45 p.m.

Speaker: Dr. Tatiana Taliana, DDS, MS, University of Michigan School of Dentistry

Lecture Topic: Vital Pulp Therapy and Regenerative Endodontics: When and How?

Lecture Synopsis:

Treating young permanent teeth is a common challenge for general dentists, pediatric dentists and endodontists. The preservation of these teeth is crucial for the craniofacial development and psychological behavior of our young patients. This lecture intends to provide biological insights and the new directions of regenerative therapeutic options for the vital and pulpless young permanent teeth. The importance of the diagnosis, understanding the challenging situations for immature and mature young permanent teeth, and the conservation of the vital pulp, with the new guidelines and enriched biological materials, will be the focus of this presentation. The current use of bioceramic materials, properties, presentations, and clinical applications with the intention of pulp vitality preservation or the treatment of necrotic immature permanent teeth for the continuation of root development will be discussed. Among others, the expected outcomes, possible complications, and the predictive factors involved such as etiology, root development stage, and presence of periapical lesions will be presented based on clinical experience and scientific evidence.

Learning Objectives: At the conclusion of this lecture, the participants should be able to:

1. To obtain current knowledge of viable therapeutic options on vital pulp therapy for immature and mature permanent teeth with deep carious lesions.
2. To recognize the limitations during clinical diagnosis and current research and classifications proposed.
3. To recognize the viable therapies for immature necrotic teeth.

About the Speaker:



Bio:

Tatiana MA. Botero D, DDS, MS
Diplomate, American Association of Endodontists
Clinical Professor
Cariology, Restorative Sciences and Endodontics Department
School of Dentistry, University of Michigan

Dr. Botero received her dental degree from CES University in Medellin, Columbia, specialty training in endodontics at Pontificia Universidad Javeriana in Bogota, Columbia, and an Advanced Certificate in Endodontics from the University of Michigan. She was a Clinical Assistant Professor at CES University and had a private practice in Columbia. Dr. Botero joined the University of Michigan in 2001 and is presently a full-time Clinical Professor, teaching endodontics to graduate and undergraduate students. She is the Director of the Dental Postgraduate Fellowship Program in Endodontics. She also practices endodontics at a private dental clinic in Michigan.

In 2012, Dr. Botero became a Diplomate of the American Association of Endodontists. She joined the Regenerative Endodontic Committee of the American Association of Endodontists in 2013, was the chair from 2014 to 2020, and is currently the 2024-2025 chair. She was also the president of the Pulp Biology and Regenerative Group (2016-2017) of the American Association of Endodontists and International Association of Dental Research. Dr. Botero was authored and co-authored numerous scientific peer-reviewed articles, publications, and book chapters. She serves as a reviewer for several endodontic and dental journals. Her research of interest and publications involve caries-induced angiogenesis and regenerative endodontics.

Speaker Disclosure: In accordance with Club policy, Dr. Botero does not have conflicts of interest to declare including receipt of gifts in kind, consulting affiliations, monetary compensation, or other personal interests in a product, service, course, or company.

Meeting Announcements and Information:

All fees for this meeting are inclusive of your Penick membership dues. There is no penalty for canceling. Questions should be directed to the Penick Study Club Secretary at PenickEndo@gmail.com. Attendance will be documented at each meeting. It is the responsibility of each attendee to follow the prescribed procedure for confirming attendance during each meeting. Declarations of attendance following the meeting will not be accepted. Members will receive **one** electronic form after the final Penick Study Club meeting that will list

all meetings attended and the total corresponding CE credit hours earned. Up-to-date meeting information will be posted on the Penick website: www.penickstudyclub.com and on the Penick Endodontic Study Club Facebook page.

Prerequisites:

All attendees must be licensed dentists and members or registered guests of the Penick Endodontic Study Club. There are no prerequisites for this course.

2 CE Hour(s) will be awarded:

AAE District I is an ADA CERP Recognized Provider approved by the American Association of Endodontists. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry. District 1 designates this activity for 2 continuing education credits. Concerns or complaints about a CE provider may be directed to the provider or to the Commission for Continuing Education Provider Recognition at ADA.org/CERP.