



# MASSACHUSETTS ASSOCIATION OF ENDODONTISTS

Affiliate of American Association of Endodontists

1692 MASSACHUSETTS AVE. CAMBRIDGE, MASSACHUSETTS 02138

## THE MASSACHUSETTS ASSOCIATION OF ENDODONTISTS

IS PLEASED TO INVITE YOU TO ATTEND OUR FALL MEETING

Our Speaker will be: **Dr. Stephen P. Niemczyk**

*2D vs. 3D: The new "Virtual Surgery" approach to Endodontic therapy*



Dr. Niemczyk serves as the Director of Endodontic Microsurgery at Harvard University in Boston, MA and Albert Einstein Medical Center in Philadelphia. He also serves as a surgical consultant to the Postgraduate Endodontic Program at the National Naval Medical Center in Bethesda, MD., the U. S. Army Endodontic Residency Program in Fort Gordon, GA. and is an adjunct Lecturer and Mentor at The Scottsdale Center for Dentistry. A recipient of many awards, including consecutive Earl Banks Hoyt Awards for Academic Teaching Excellence. Dr. Niemczyk has authored numerous papers, a chapter on Microsurgery in Dental Clinics of North America, and is the founder of Endodontic Microsurgical Innovations. Dr. Niemczyk has lectured extensively in the U.S. and internationally on topics ranging from Microsurgery and Intentional Replantation to advances in Non-surgical Endodontics and Cone-Beam CT use in Endodontics and he also maintains a full time practice limited to Endodontics in Drexel Hill, PA.



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## Lecture Description:

The Surgical Operating Microscope was the singular greatest influence in the practice of endodontics in the last decade. The year 2008 heralded the implementation of Cone Beam Computed Tomography into the endodontic armamentarium and, more specifically, the introduction of small-volume scanning technology. This 21<sup>st</sup> century version of the SOM allows for diagnosis and treatment planning in three dimensions, and for the opportunity to perform “Virtual Surgery<sup>®</sup>” in those instances where it is questionable whether or not a “conservative” approach to treatment is appropriate. This presentation highlights the science and principles of CBCT/CBVT, and demonstrates, using case studies, how integral this has become to the delivery of exceptional endodontic care.

## Educational Objectives:

- Understand the principles of CBCT and compare this new imaging modality with traditional 2D dental radiography and conventional medical CT.
- Be familiar with the radiation doses and risks from small FOV CBCT.
- Appreciate the evidence-based referral and selection criteria recommended for small FOV CBCT.
- Describe the benefits of “Virtual Surgery<sup>®</sup>” CBCT in the assessment and treatment planning of complex surgical and non-surgical cases.
- Understand how volumetric analysis can aid in the diagnosis of periapical pathology, and streamline the diagnosis when contradictory clinical signs and symptoms are present

**Date:** Wednesday, October 10<sup>th</sup>, 2012

**Place:** Newton Marriott

**Time:** 6:00 Cocktails and registration

6:30 Dinner

7:30 Presentation

**CE credits:** 2 CEU

MAE Members **\$35**, Graduate Students **\$15**, Non-members **\$65**.

**RSVP** by October 3, 2012 to: **Dr. Onir Spiegel**, Secretary to the MAE

1692 Massachusetts Ave. Cambridge, MA 02138



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Please print the response card below and mail the response with your check to:

**Dr. Onir Spiegel**, Secretary to the MAE

1692 Massachusetts Ave. Cambridge, MA 02138

Phone : 617-492-3616

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\_\_\_\_\_ Yes, I will attend the MAE meeting featuring Dr. Stephen P. Niemczyk October 10,2012.

Enclosed please find my check **payable to MAE** in the amount of \$\_\_\_\_\_, for \_\_\_\_\_ guests and myself. Please indicate your dinner preference of **Chicken / Fish / Vegetarian**.



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