

Lecture & Hands-On: “THE ABCs OF CBCT: ACADEMIC ANSWERS, BEST PRACTICES AND COMPELLING CASES”

Continuing Education Course



Presented By: **John Khademi, D.D.S., M.S.**

Four Corners Endodontics, Durango, CO

4 credits of Continuing Education (Nevada & California)

Friday, March 14, 2025

Registration & Continental Breakfast: 7:30 a.m.

Seminar & Hands-On: 8:00 a.m. – 12:00 p.m.

Atlantis Hotel Casino Spa, Reno

2nd floor Convention Center

Course Outline

7:30 – 8:00 am Check-in & Cont. Breakfast

8:00 – 12:00 pm **Lecture & Hands-On**



Major Sponsor:



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About the Speaker

Dr. John Khademi received his DDS from the University of California San Francisco. He received his Certificate in Endodontics and did his MS on Digital Imaging at the University of Iowa. He is currently in full-time private practice and an adjunct assistant professor at Saint Louis University. He is a former associate clinical professor in the Department of Maxillofacial Imaging at University of Southern California and previously wrote software for laboratory automation, instrument control and digital imaging.

Dr. Khademi lectures internationally about probability & statistics, EBM/EBD, CBCT, clinical trial design, outcomes, over-diagnosis and over-treatment and conventional endodontic technique. As a Radiological Society of North America (RSNA) member for 30 years, his background in medical radiology allows him a perspective shared by very few dental professionals. He has contributed to many sections and chapters in textbooks and is the lead author for Quintessence's *Advanced CBCT for Endodontics: Technical Considerations, Perception, and Decision-Making*.

Course Overview:

The image-generating process and logistics for reviewing CBCT studies are radically different from that of projection radiography, along with being counter-intuitive, and not widely appreciated in dentistry. The sheer number of possible views with CBCT coupled with the interpretive issues confound both CBCT and projection radiography which has led to guidelines position papers for prescribing and interpreting imaging studies. These guidelines claim to be scientifically-based, but are not based on what has been learned about the interpretive process in medical radiology. Medical radiology has a long and deep history of academic inquiry into perception metrology and the radiographic interpretive process. This presentation will review key research findings, introduce guidelines and best practices for interpreting CBCT based on what has been learned about the perceptual and cognitive processes from medical radiology. We will develop these protocols using real clinical cases from the presenter's practice.

Learning Objectives:

- Get an introduction to the image-generation process for CBCT
- Have an explicit strategy for efficiently reviewing focused-field, single-arch, 1/2 arch and dual-arch studies
- Gain a window into the subtle perceptual and cognitive issues with image interpretation
- Understand the role of explicit, tacit and embedded history in the interpretive process
- Understand the critical distinction between diagnostic imaging and screening imaging

AN EXCELLENT COURSE FOR YOU and YOUR DENTAL TEAM



***MEMBERS:** On Thursday evening, 03/13/2025, Dr. Khademi will also be presenting at the NNDS General Membership Dinner meeting "LOOKING BACK AT THE EVOLUTION OF ENDODONTIC PARADIGMS"; see enclosed flyer. If you are a member or a dental team member working for a member dentist you are valued; savings **\$\$ are for you too.**

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