



Sunday April 27, 2025

1:30pm - 4:30pm 3 CE

Hilton Long Island - 598 Broadhollow Rd, Melville, NY 11747

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AI in Dentistry: Bridging Knowledge and Practice

This course offers an in-depth exploration of artificial intelligence (AI), augmented intelligence (Aul), and machine learning's transformative roles in oral health diagnostics and treatment. Learn how to harness data analysis and advanced algorithms for accurate diagnoses, tailored treatment plans, and improved patient care. Discover how AI integration in dentistry delivers critical insights, enhancing early detection, treatment results, and patient experiences. Gain an understanding of how these technologies are reshaping oral healthcare, equipping dental professionals with cutting-edge tools and strategies for exceptional practice management and patient outcomes.

Course Objectives

1. Define AI and Augmented Intelligence, emphasizing their collaborative integration with human expertise to enhance dental procedures.
2. Explore how AI and Augmented Intelligence transform diagnosis accuracy, treatment personalization, and overall patient care in dentistry.
3. Investigate AI's applications in dental procedures and address technology use's ethical, legal, and philosophical aspects.
4. Review the speaker's current AI projects, focusing on forensic odontology and their contributions to developing national and international standards.

Presented by Kenneth W Aschheim, DDS - Dr. Aschheim combines extensive computer software and AI expertise with a focus on Forensic Odontology, leading projects such as developing the UDIM dental module for New York City's Unified Victim Identification System and programming the OdontoSearch website. His AI work includes partnerships with Bright Forensics on AI-based human identification software and contributions to a machine learning project for dental age assessment. He also helped draft the first ISO international standard for AI in interpreting 2D radiographs. Alongside his academic roles as Adjunct Clinical Professor at NYU College of Dentistry and Associate Clinical Professor at Mount Sinai Medical Center, Dr. Aschheim serves as Assistant Chief Forensic Odontologist for New York City and a consultant for numerous government agencies and international organizations. Additionally, he is a noted author of numerous articles and three textbooks on Esthetic Dentistry published by Elsevier, which are used in US dental schools.

ADA Member Dentists - \$95 / Non-ADA Member Dentists - \$190 / Staff - \$60



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