



Academy of Prosthodontics 2020 Annual Scientific Session Omni Grove Park, Asheville, North Carolina May 13 – 16, 2020

Program Speaker - Dale A. Miles BA, DDS, MS, FRCD(C)

Title

Cone Beam CT's "Like a Box of Chocolates - You Never Know what you're gonna get!"

Abstract

Dentists and dental specialists are rapidly adopting CBCT technology. They are using cone beam image for treatment decisions about root canals, impacted teeth, implant assessment and sinus sinus/tooth pain, airway assessment, TMJ imaging -and more. There is much more information in these scans than in your 2D grayscale panoramic and intraoral images. If you use or are going to use cone beam imaging, you need to understand all of the applications available to you in your office and what significant, hidden findings may be in your scan. There are significant and frequent radiographic changes related to Diabetes Mellitus and renal problems that are often overlooked or not even recognized. Dr. Miles will show multiple case examples of these findings reported in his solo radiology practice over the past 12 years – a service that has reviewed over 26,000 scans. The importance of recognizing these changes and making the necessary referral is highlighted and discussed

Learning Objectives

1. Identify pathologic findings and systemic changes found in CBCT scans
2. Understand the need for a report these findings and appropriate referral

Biography

Dr. Miles is Adjunct Professor of Oral and Maxillofacial Radiology in the Department of Comprehensive Dentistry at the University of Texas Health Science Center at San Antonio. He was Chair of the Department of Oral Health Sciences at the University of Kentucky, the graduate program director of Diagnostic Sciences at Indiana University, and has held positions at the University of Connecticut and Dalhousie University, and the Arizona School of Dentistry & Oral Health (ASDOH). He was the first Associate Dean of Clinical Affairs at ASDOH. A diplomate of the American Board of Oral and Maxillofacial Radiology and the American Board of Oral Medicine, Dr. Miles has been selected as one of the "TOP CLINICANS IN CE" for the past 15 years by Dentistry Today. He has authored over 135 scientific articles, 6 radiology textbooks and the best-selling atlas on cone beam imaging, "Atlas of Cone Beam Imaging for Dental Applications". He has a web site for teaching the dental team about digital imaging at www.learndigital.net and cone beam imaging at www.doctorconebeam.com. Dr. Miles has a full-time practice in Fountain Hills, AZ. To date he has read close to 26,000 cone beam scans.