



# What the General Dentist Needs to Know about Cone Beam Computed Technology (CBCT) Images with Marten Ladman, DMD & Cindy Rothenberg RDH

Tuesday, February 21, 2012 Registration 6:00pm Course Time: 6:30pm-9:30pm  
The NJ AGD combines Education and Fine Dining at LouCas Restaurant,  
9 Lincoln Hwy (Rt 27), Edison, NJ 08816

LouCas, the collaborative effort between chefs Loucas Sofocli and Alex Charlabous, has set the area standard for excellence in Italian cuisine, with a special emphasis on seafood.

**Course Objectives:** Participants of this lecture will gain an understanding of what Cone Beam Computed Tomography is and how it affects dental diagnostics. Reconstruction and manipulation of DICOM Multi-file data, (universal cone beam data) will be discussed including 2D images captured from 3D rendering including the comparison with traditional radiography. They will start to obtain a comfort level while analyzing familiar dental structures from different perspectives. A revisualization should start to unfold as Dr. Ladman reviews oral anatomy from axial, sagittal and coronal views. Important consideration as well as limitations will be discussed and presented through a display of computer planning software. This lecture will include discussions involving:

**3 CE Lecture Credits**  
Course Code: 731  
Digital Radiology

**Fees:**  
\$99 AGD Member;  
\$125 Non-Member;  
\$65 Guest

- What is CBCT; how does it compare to a Medical CT Scan?
- How Dicom Multi-file Data is reconstructed and manipulated
- Reconstructed Panoramic View vs True Panoramic Radiographic Views
- Anatomy of familiar oral structures as seen from axial, sagittal, coronal & 3D views
- CBCT guide protocols for the interdisciplinary treatment plan
- Incorporate verbiage necessary to respond to patient concerns and FAQs
- Question and Answer period including an open session as to images that are most diagnostically beneficial in the general practice

**About Dr. Ladman**—Dr. Ladman was one of the pioneers incorporating CBCT into diagnostics and treatment planning since 2004 as well as placing an In office unit in 2006. He has utilized the reconstructive software and has become proficient in several different 3<sup>rd</sup> party planning tools. Dr. Ladman is a Diplomate of the American Board of Oral and Maxillofacial Surgery, Fellow of the American Association of Oral and Maxillofacial Surgeons, Fellow of the American Society of Anesthesia, Diplomate of the American Board of Anesthesia, received his DMD in 1980 from Temple University, OMS Residency Long Island Jewish Medical Center, an Attending at five area hospitals, has 30 years in private practice spanning Monmouth and Middlesex Counties. Member Affiliations: AAOMS, Academy of Osseointegration, NJSSOMS, Mid-Atlantic OMS Society, ADA, NJDA, Monmouth-Ocean Dental Society. **About Cindy Rothenberg** —Cindy Rothenberg RDH BS lectures nationally on dental implants, CBCT, marketing, practice management and staff motivation spanning the private and professional association sectors. Her exclusive "Dental Implant Awareness Campaign", specializes in developing expanded function Implant Coordinators and training in Cone Beam Related Technology. In conjunction with two decades of clinical dental hygiene, Ms Rothenberg is the initiator and coordinator of The Forum for Advanced Dental Studies started in 1998. For expanded information on lecture topics see [www.CRImplants.com](http://www.CRImplants.com) or [www.CindyRothenberg.com](http://www.CindyRothenberg.com)

**Registration Form:** Please make check payable to NJAGD/One Dental Plaza/PO Box 6020/North Brunswick, NJ 08902-6020  
**To register by phone:** 1-866-GO-NJAGD or 1-866-466-5243 **Fax:** 732-821-1082

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The NJ Constituent of the AGD is an approved PACE Provider. The Sponsor's formal CDE programs are accepted for Fellowship, Mastership and maintenance credits. Approval does not imply acceptance by the state or provincial boards of dentistry. The current term of approval extends from 8/1/09-7/31/13. AGD#219316.

**Directions to LouCas, Edison: New Jersey Turnpike (North or South)** - Take the New Jersey Turnpike to Exit 11 (Garden State Parkway turnoff). Take Garden State Parkway North to Exit 131 (Not 131A or 1311). Turn right onto Route 27 South. Proceed to fourth traffic light and turn left onto Parsonage Road and right into parking lot of Colonial Village Shops.

**Garden State Parkway (From the North)** - Take Garden State Parkway to Exit 131. Turn right onto Route 27 South. Proceed to third traffic light and turn left onto Parsonage Road and right into parking lot of Colonial Village Shops.

**Route 287** - Take Route 1 North. Turn off at Parsonage Road jug handle. Proceed to just before 4th traffic light and make left into parking lot of Colonial Village Shops.