

## 3-D Laser Assisted Endodontics Diagnosing and Treatment

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The integration of CBCT imaging and laser treatment are becoming a standard in the dental office. The lecture demonstrates the importance of an interdisciplinary approach to diagnosis the etiology of oral maxillary symptoms that present by a patient. The integration of Er;Cr:YSGG laser with CBCT imaging on non-surgical, surgical, and regenerative endodontics is shown in case studies also presented the importance of 3D imaging in diagnosing odontogenic and non-odontogenic lesions.

### Biography:

Dr. Brian Trava earned his B.A. from Lycoming College (1984). His DMD at UMDNJ in 1988, finishing with his postgraduate degree in endodontics at UMDNJ in 1990. Dr. Trava has been in active practice since 1990. He maintains four (4) endodontic practices in North Jersey. Dr. Trava served as assistant clinical professor of postgraduate endodontics at UMDNJ. He has conducted research in dentin bridge formation and PMN inflammatory research at Merck. Dr. Trava lectures throughout the country on CBCT for Planmeca USA and the use of laser assisted endodontics. Dr. Trava has multiple publications in his field. He is a member of the American Dental Association, New Jersey Dental Association, AAEE, International Association of Traumatology, Academy of Laser Dentistry Academy for Sports Dentistry. He has contributed his time in Africa for Basketball Without Borders with the National Basketball Association. Dr. Trava holds a U.S. patent for the first dental child identification system.