Laser Integration in Dental Hygiene

Laser Assisted New Attachment Procedure

Advanced Overview

- Friday, October 28, 2011
- 8:00am-5:00pm-includes continental breakfast and lunch
- 8 Credit Hours
- Location: Memphis
- Course Presenters: Dr. Erica Migliorati and Dr. Les Binkley
- Course Registration Form

Location Specifics

Early Bird Special - $299 per dentist and $175 per auxiliary. After October 14 - $319 per dentist and $195 per auxiliary. Registration at the door is an additional $25. Morning coffee and lunch will be provided.

This course takes place on the UTHSC campus in the Humphreys General Education Building, at the corner of Madison and Dunlap. Parking is available in the parking garage located at 869 Madison Avenue, next to the building. Parking is $5.

COURSE OBJECTIVES

Would you like to offer your patients the hottest technology trend in dentistry today? Learn how to successfully incorporate laser-assisted periodontal therapy and periodontal surgery into your practice. This one-day, intensive hands-on mentoring course provides in depth overview of laser integration in periodontal therapy.

The overall intent of this course is to give clinicians the knowledge and skills to practice dental hygiene and periodontics incorporating lasers.

During the course you will

- Learn how to use lasers as adjuncts to your current dental hygiene treatment
- Learn scientific and clinical principles, and indications for lasers
• Gain hands-on experience with wavelengths as: CO₂ lasers, Diode and Er:Cr:YSGG (Waterlase)
• Get an overview of laser physics and general information about the technology (high intensity and low intensity lasers)
• Learn related fees and insurance codes applicable for periodontal therapy
• Learn how to raise patient awareness and treatment acceptance while enhancing your patient’s positive experience with consistent and predictable outcomes.
• Understand how lasers can increase production and profitability in your practice

**DIDACTIC LECTURE COURSE**

8:00-8:15AM Introduction  Dr. Binkley

8:15-10:00AM Lasers as Adjuncts in Periodontal Practice

   Physics of High Intensity Lasers and Laser Tissue Interactions

   Physics and applications of Low Intensity Lasers  
   Dr. Erica Migliorati

10:00-10:15AM  BREAK

10:15-11:15AM Applications of the Waterlase (BIOLASE) and Nd:YAG  (Millennium) in the periodontal treatment  
Dr. Les Binkley

11:15-11:45AM Simulation – hands on

11:45-12:15PM  QUESTIONS & ANSWERS
12:15-1:30PM LUNCH

1:30PM-2:30PM Soft Tissue Applications and Dental Hygiene Protocol
Dr. Erica Migliorati

HANDS-ON

2:45-3:45PM Simulation

3:45-4:15PM Review of different laser apparatus and applications. Concluding remarks
All lecturers

About the Presenters:

Erica Krohn Jany Migliorati graduated from the University of Sao Paulo (USP)-Dental School, Brazil in 1973. She received a Post-Graduate Degree in Periodontology from USP. She held teaching positions at the University of Sao Paulo, University of California San Francisco, University of Florida Gainesville, University of Zurich Switzerland and NOVA Southeastern University Fort Lauderdale, Florida.

Dr. Erica Migliorati has worked in Periodontology for the last 30 years in all capacities including: teaching, research and patient care. Dr. E. Migliorati was one of the pioneers in the dental field in HIV infection and AIDS when working in San Francisco, California in the early 80s. Working as a member of different oncology teams she has also been involved in the periodontal treatment of patients with cancer, patients in need of bone marrow transplant and those affected by oral complications of cancer therapy.

As an associate in a dental laser clinic, Dr Erica Migliorati had the opportunity of developing skills in the field of lasers. Her clinical area of concentration is mainly the use of lasers as adjuncts to periodontal treatment but she is also trained in the use of laser light in other areas of dentistry, like implant treatment and restorative dentistry. Her research work included the use of the laser light as an adjunct to procedures performed in the oral cavity, HIV infection and immunosuppression.
As a speaker and lecturer Dr. Erica Migliorati has traveled this country as well as abroad to present her work in laser dentistry. She has spoken in countries like Japan, Greece, and Brazil among others.

Currently she is an Assistant Professor in the Department of Periodontology responsible for the course of Laser Dentistry at the University of Tennessee Health Science Center School of Dentistry, and a member of the American Dental Association, American Academy of Periodontology and the American Academy of Laser Dentistry.

Les H. Binkley


During his years in dentistry, he has taught courses to both undergraduate and graduate periodontics students at UT. He has also taught International courses in four countries and been a visiting professor in three foreign dental schools. He has received teaching awards from the UT College Of Dentistry and the American Academy of Periodontology.

Since his interest in laser periodontics began, Dr. Binkley has used the diode, Nd:YAG, and ErCr:YSGG in his practice and the CO2 with the UT graduate periodontal residents. He is now completing two years of research comparing the results of laser surgery to conventional periodontal surgery which will be presented at the course. Dr Binkley will also present techniques in periodontal therapy to be used by both the dentist and the dental hygienist.

The University of Tennessee College of Dentistry is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry.

The University of Tennessee designates this activity for 8 hours continuing education credits.