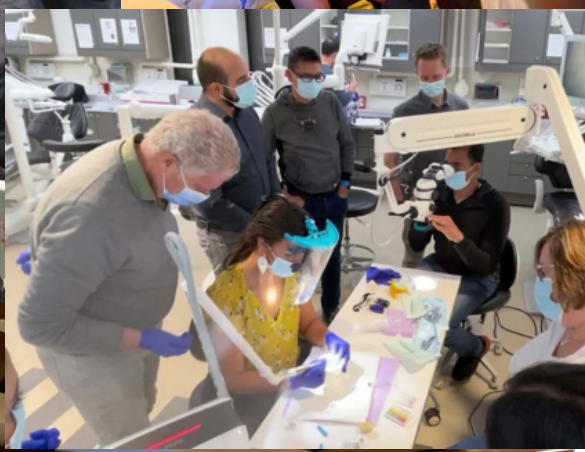
Laser&Health
ACADEMY

LA&HA Master's Program in Laser Dentistry






LAHA Masters Program Module 1

Utilization of Er:YAG & Nd:YAG Lasers in Dentistry:

A Hands-on 2 Day (15 Credit Hour) Workshop for

Dentists, Hygienists & the Dental Team

Dr. Scott Benjamin

Saturday February 24, 2024 from 8am - 5pm
Sunday February 25, 2024 from 8am to 4pm

Fairmont Waterfront Hotel Vancouver

Hot Breakfast and Lunch provided

PACE ACADEMY OF GENERAL DENTISTRY PROGRAM APPROVAL FOR CONTINUING EDUCATION

Advanced Integration & Mentoring Nationally Approved PACE Program Provider for FAGD/MAGD credit. Approval does not imply acceptance by any regulatory authority or AGD endorsement. 10/1/2021 to 9/30/2025. Provider ID# 213325

About the Speaker:
Dr. Scott Benjamin is an internationally recognized expert and lecturer on Dental Lasers, Oral Cancer and Advanced Dental Technologies and is in private practice in rural upstate New York where he utilizes several lasers of different wavelengths on an everyday basis. Dr. Benjamin is Co-Chairman of the ADA Standards Committee Working Group on Dental Lasers, a member of American National Standards Institute (ANSI) Committee Z-136 on Laser Safety and is a Past-President of the Academy of Laser Dentistry (ALD) and was their 2007 and 2010 Scientific Program Chairman. Dr. Benjamin has faculty appointments at several dental schools and is a Past-Chair of the American Dental Educators Association's (ADEA) Lasers in Dentistry Special Interest Group (LiD-SIG) and has been intimately involved in developing the lasers curriculum for dental and hygiene schools throughout North America. He has published over 200 articles on dental lasers and advanced dental technologies and is a member of the editorial board of several prestigious peer reviewed dental journals.

Dr. Benjamin's Affiliations:
Midwestern University Colleges of Dental Medicine, Adjunct Professor
University at Buffalo School of Dental Medicine, Visiting Professor
Eastman Institute for Oral Health at the University of Rochester, Associate Professor
ADEA's Lasers in Dentistry-Special Interest Group, Past-Chair
2014-2015 President of the Academy of Laser Dentistry (ALD)
2018 Recipient of ALD's Distinguished Service Award for Laser Dentistry
Advanced Technology Section Editor for Compendium, PPAD, and JPH
Editorial Board of the Journal of Laser Dentistry, Dentistry Today, & Inside Dentistry
Member of ADA Standards Committee on Dental Products (ADA-SCDP)
Co-Chair of the ADA-SCDP Working Group on Dental Lasers
Member of ADA Standards Committee on Dental Informatics (ADA-SCDI)
Chair of the ADA-SCDI Working Group on Digital Imaging

Objective of the first module

- The first module of the Master's Program (2 days) represents a comprehensive overview of laser physics, laser interactions with different biological tissues, laser safety, operating a dental laser device and selected treatments.
- The first module is designed to provide basic knowledge to understand different laser treatment methods in dentistry. PHAST Start to Restorative, Soft Tissue Surgery, Endodontics, Perio and Nightlase

The program for the first module

Laser physics

- The electromagnetic spectrum and laser wavelengths
- History of lasers
- Basic interaction with tissues
- Construction of a solid-state laser
- Laser parameters
- Laser beam profiles
- Delivery of a laser beam

Laser safety

- Thermal effects
- Mechanical effects
- Electrical and fire hazards
- Chemical hazards
- Eye hazards and protective goggles
- Laser safety standards and implementation in the dental office

Laser interactions with biological tissues

- Ablation mechanism
- Transmission mechanism
- Reflection mechanism
- Scattering mechanism
- Hands-on training with all mechanisms

Operating Fotona dental laser devices

- Technology features (VSP, EFC, QSP)
- Handpieces overview
- Setting parameters
- Device maintenance
- Hands-on operation of the device

Multiple choice test

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Laser Training

Fotona is one of the most experienced developers of high-technology laser systems, recognized for the design, manufacture, and support of advanced solid-state laser systems for aesthetics, surgery, gynecology and dentistry.

A PHAST Start introduction to the various applications that can be implemented in your practice

Perfection in Laser Dentistry

LightWalker lasers are designed for dental perfectionists and all forward-thinking professionals who wish to upgrade their daily dental experience with new treatment possibilities that only the latest laser technology can offer. Following it's launch, Fotona's LightWalker dental laser system quickly earned widespread industry acclaim and highly respected technology and innovation awards. LightWalker's patented QSP (quantum square pulse) mode represents an important technological advancement, improving the laser's interaction with dental tissues for optimized patient comfort, speed and clinical results.

High Performance Dentistry, Without Compromise

LightWalker's state-of-the-art design, engineering and patented technologies have made it the world's fastest-cutting Erbium laser, outperforming even rotary burs in terms of speed and precision, while simultaneously offering a wide range of highly effective hard- and soft-tissue treatments. LightWalker's easy-to-select operating modes and advanced laser-beam delivery systems enhance the precision and performance of each laser treatment for optimal clinical efficacy.

At Fotona...

We are committed to providing ongoing training and continuing education in order to support your professional growth

- Practical skills - learn proven methods, processes and best practices - and apply them to your work immediately
- Learn from the best - Courses are tailored for your professional needs, led by handpicked, industry experts
- No subscription fees - Pay only for courses you want to take, no monthly fees. Know the exact cost upfront.