

Lasers: From the Science to Clinical Applications *Understanding the Role and Limitations of Lasers in Everyday Dentistry*

Presenter: Scott D. Benjamin, DDS

Format: Live Online Lecture

Date & Time

Credit Hours: 1.5 Hours

Course Description:

The number and applications of dental lasers on the market today is growing at an ever increasing rate. The wide range of devices and applications for both hard tissue (tooth & bone) and soft tissue is leading to much confusion of the various roles and values that lasers may or may not play in today's dental practice. Understanding the science of laser wavelengths, physics, laser safety, tissue interaction, infection control and ergonomics involved is crucial for the successful selection and implementation of a laser into everyday dentistry.

The goal of this program is to enhance the clinician's knowledge of the science, the functionality, and value that lasers brings to their patient care, and its expected return on investment. It is designed to help facilitate the implementation of the laser into everyday use. It is specifically intended to assist attendees in maximizing the benefits laser technology provides for enhancing the quality of care for all of their patients. This program will enhance the clinician's knowledge of the science, functionality, and importance that the laser brings to everyday patient care and especially to dental hygiene and CAD-CAM dentistry. The objective of this program is to attain an understanding of the potential that lasers provide to the practice.

This course is designed to assist the attendees in understanding the science, benefits and limitations of dental lasers and the knowledge and confidence to evaluate, select, and implement the proper lasers that will be the most beneficial to their practice.

Course Objectives:

At the End of this Program Attendees Should Have and Understand:

- The composition of the biologic structures involved in laser procedures
- The true science and benefits of laser energy interactions
- The knowledge of laser physics as it relates to the proper selection of the laser parameters.
- The value for patients that laser technologies provide.

Instructor:

Dr. Scott Benjamin is an internationally recognized expert, lecturer, and trainer on Dental Lasers and is in private practice in rural upstate New York where he utilizes several lasers on an everyday basis. Additionally, Dr. Benjamin has faculty appointments at several dental universities and is Co-Chair of the ADA Standards Committee Working Group on Dental Lasers, a member of ANSI Committee Z136 on Laser Safety, and a Past-President of the Academy of Laser Dentistry (ALD). He has published over 300 articles, textbook chapters, and technical reports on dental lasers and advanced dental technologies and is a member of the editorial board of several prestigious peer reviewed dental journals.

Course Registration:

Register on AIM's website at www.DentalAIM.org or

Send an email to Education@DentalAIM.org with any questions.

