

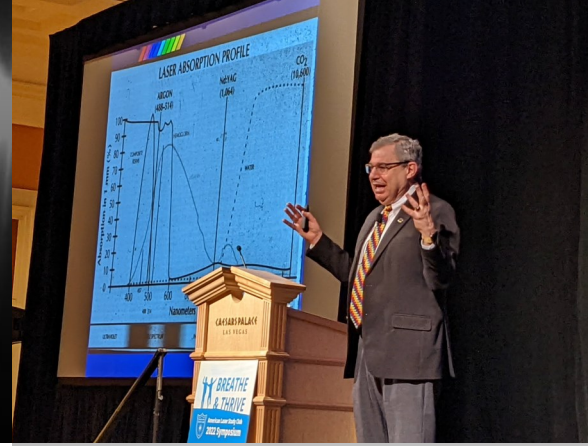
The Southern Maryland Dental Society Presents Soft Tissue Lasers in Dentistry



Hands-On Course 8 CE Hours

WHERE: Southern Maryland Dental Society
4920 Niagara Rd, Suite 306, College Park, MD 20740

WHEN: Saturday, November 23, 2024
8:00 AM - 5:00 PM



Introduction

Soft tissue lasers offer numerous benefits over conventional surgical methods, such as scalpels and electrocautery, including enhanced precision, reduced bleeding, and improved patient comfort. However, achieving consistent, successful outcomes requires an understanding of the unique properties of laser energy and its interaction with tissue. This course will delve into the essential principles of laser physics, emphasizing the "Big 3" parameters—power, time, and spot size—to maximize surgical efficiency while minimizing lateral thermal damage. Attendees will gain insights into advanced laser techniques, allowing them to refine their clinical skills and deliver predictable, high-quality results in their dental practice.

Course Curriculum

- Understanding laser-tissue interaction and the physics of light energy.
- Mastering the "Big 3" parameters: managing power, exposure time, and spot size.
- Techniques to minimize lateral thermal damage and optimize patient outcomes.
- Clinical applications in common procedures:
 - Gingivectomy and soft tissue contouring.
 - Frenectomy for tongue-tie and lip-tie treatments.
 - Fibroma removal and lesion excision.
 - Crown lengthening and uncovering implants.
- Managing complications and enhancing safety protocols.

Hands-On Participation Session 2 Hours

- Laser Safety
- Laser Surgical Technique Simulations
- Superficial Ablation
- Superficial Coagulation
- Shallow Incisions
- Deep Incisions
- Practicing Surgical Techniques on a Pig Jaw

Course Certificates

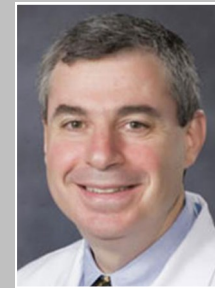


Course participants, who successfully complete the examination, will be awarded a **LASER SAFETY basic knowledge CERTIFICATE** from the Board of Laser Safety of the Laser Institute of America (DISCOUNTED cost for the ALSC members), as well as a Laser Dentistry and Laser Surgery Basic Knowledge and Hands-On participation Wetlab **CERTIFICATE** from the American Laser Study Club (**FREE** for the course participants).

About the American Laser Study Club (ALSC)

The ALSC was founded to promote science-based laser dentistry, surgery, and safety education. The ALSC is proud of its curriculum and its distinguished membership, including our honorary members **Gordon J. Christensen, DDS, MSD, PhD** and **Rella P. Christensen, RDH, PhD**, world-renowned leaders in dental product research and education, who welcomed the ALSC's mission: "Peter, we congratulate you on starting a laser study club. It is greatly needed..."

Meet the Instructor



Robert A. Strauss
DDS, MD, FACS

Dr. Strauss is a Professor and Director of the Residency Training Program in Oral and Maxillofacial Surgery at the Virginia Commonwealth University Medical Center, and Past President of the American College of Oral and

Maxillofacial Surgeons. Dr. Strauss is board-certified by the American Board of Oral and Maxillofacial Surgery and is a former Chair of the Major Surgery Section of the Board. Over the last 30 years, he has authored numerous publications and textbook chapters on the use of lasers in oral and maxillofacial surgery.

Dr. Strauss received his dental degree from the University of Buffalo and his medical degree from the UHSA School of Medicine. He completed his internship at the Buffalo General Hospital and residencies in both Oral and Maxillofacial Surgery and in Anesthesiology at the Michael Reese Medical Center in Chicago.

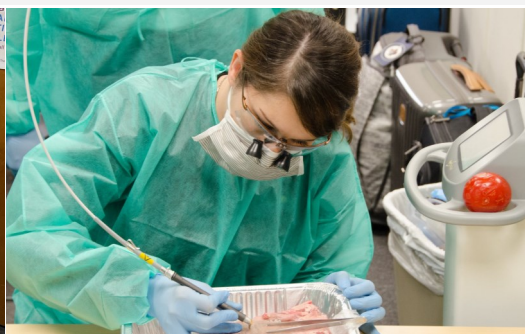
Dr. Strauss specializes in laser surgery of the head and neck, facial and jaw reconstructive surgery, cosmetic facial surgery, and sleep apnea surgery. His research interests include laser and cosmetic surgery, sleep apnea, anesthesia, and orthognathic and reconstructive surgery.

Tuition

SMDS Members \$485
Non-SMDS Members: \$590
Residents (*Starting Nov 1st*): \$235

Registration

Call: (301) 345-4196
Email: Valerie@smdsdentists.org



**Southern Maryland Dental Society Presents:
Soft Tissues Lasers in Dentistry**

When: Saturday, November 23, 2024

TIME: 8:00am to 5:00pm

Registration starts at 7:30am

Nosh in the morning - Bagels and cream cheese, fruit

Coffee, tea and assorted drinks

Lunch Buffet 12:30pm

Where: SMDS Educational Facility

4920 Niagara Road Suite 300 College Park, MD 20740

SMDS Members \$485.00 Non-Members \$590.00

Please send check to: SMDS

4920 Niagara Road, College Park, Maryland 20740

QUESTION: Valerie@smdsdentists.org

Or 301-502-2513

NAME: _____

Email: _____

Please write so we can read it clearly.

Telephone: _____