The American Laser Study Club Presents

Pediatric Hard and Soft Tissue Laser Dentistry

2-Day Hands-On Course - 15 CEUs

WHEN: Fri. & Sat., February 8-9, 2019, at 8:30 AM - 4:30 PM
WHERE: 11818 N Creek Pkwy N, #100, Bothell, WA 98011

Wecome Message

John R. Liu
DDS, FAAPD
Eastside Pediatric Dental Group – *Issaquah, WA*
Past President, American Academy of Pediatric Dentistry (AAPD)

"It is my pleasure to welcome my friend Dr Martin Kaplan, DMD to the North West with his unique and powerful laser dentistry course designed for pediatric dentists. I invite all my colleagues to attend this course, learn about tongue and lip ties and frenectomies, and obtain important certificates in Laser Safety and Laser Dentistry Basic Competence. "

Meet the Instructor

Martin Kaplan
DMD, DABLS

Dr. Kaplan has been an early adopter of laser dentistry since 2004. He has lectured nationally and internationally, has co-authored several articles and was a contributing author of the unique, first of its kind, Color Atlas of Infant Tongue-Tie and Lip-Tie Laser Frenectomy. Dr. Kaplan is a Member at the American Laser Study Club, a Diplomate of the American Board of Laser Surgery (ABLS) and the director of Dental Laser Education and Development for the ABLS.

Breakfast, Lunch, Afternoon snack, hot and cold beverages will be provided.

Tuition

Regular:	$795
Non-Doctors:	$495
ALSC Members:	$100 OFF*
LightScalpel Owners:	$100 OFF*

Registration

To register, please follow the link:
https://alsc.club/seattle-2019

Introduction:

Enhance your understanding of the issues of pediatric laser dentistry, including tongue-ties and lip- ties! As many as 5 percent of all babies born in the US have tongue-ties significant enough to cause breastfeeding difficulties. Affected babies often fail to thrive and can be erroneously labeled as "lazy nursers" or "stubborn feeders".

A good surgical laser for cutting soft tissue must be able to vaporize soft tissue, while at the same time efficiently coagulating surgical margins. Not all laser wavelengths are suitable to comply with both requirements. This course focuses on the practical aspects of soft tissue laser surgery and on the fundamental processes involved in the laser-tissue interaction; it helps attendees learn how deep the laser beam cuts and how deep the coagulation and hemostasis extend into the surgical margins. Our **hands-on participation lab** is designed to train attendees on what surgical lasers can do safely and efficiently.

Clinical Curriculum

- Demonstrate a wide range of didactic and clinical tools for the use of lasers in pediatric dentistry and oral surgery, biopsy, and interceptive orthodontics
- Present the fundamentals of Dental Lasers adhering to the established standards of education
- Instruct Dentists, Lactation Consultants, Speech and Language Therapists, and other allied health care providers to understand the efficient and safe application of laser energy in everyday practice
- Provide sound scientific basis and proven efficacy of use of dental lasers in order to ensure public safety
- Explore current methods of clinical assessment, diagnosis and treatment of lingual and labial ties. Attendees will be able to:
  - Understand infant sucking physiology and how tongue ties impair infant suck;
  - Use reliable diagnostic criteria to screen babies for this condition; and
  - Understand all consequences and benefits of using lasers to remove oral restrictions
- Discuss speech and eating disorders and the oral connection (laser healing with photobiomodulation)
- Through participation in a hands-on workshop, the course attendees will learn to remove oral restrictions using soft-tissue lasers.

Laser Curriculum:

Laser Surgery and Safety Basic Knowledge Certification Curriculum for this Course has been developed by the American Laser Study Club (ALSC). The ALSC's curriculum overcomesthe known limitations of many laser dentistry courses, and includes the detailed physics of soft tissue ablation and coagulation with laser and hot tip (non-laser) devices. Laser hands-on wetlab on tissue samples will include different laser wavelengths and will include laser safety instructions and demonstrations. Laser instructions will be assisted by guest speaker Peter Vitruk, PhD, MInstP, CPhys, DABLS, a laser physicist who founded the American Laser Study Club and LightScalpel LLC.

Hands-On Participation Session:

2 HOURS

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

Course Certificates:

Course participants, who successfully complete 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).

Laser Institute of America

THIS PROCLAMATION CERTIFIES THAT

PETER VITRUK

HAS COMPLETED LASER INSTITUTE OF AMERICA'S

CO_2 MEDICAL LASER SAFETY ONLINE

JANUARY 24, 2018 — DATE — EDUCATION DIRECTOR

American Laser Study Club

Jane J. Doe, DDS, MD, DVM, PhD

About the ALSC:

American Laser Study Club (ALSC - www.AmericanLaserStudyClub.com) 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, and you are the man to do it." Other Honorary Members of the ALSC are **Charles M. Cobb**, DDS, MS, PhD, Professor Emeritus, Department of Periodontics, School of Dentistry, University of Missouri-Kansas City; and **C. Kumar N. Patel**, PhD, MS, the Inventor of the CO_2 Laser; Recipient of National Medal of Science (1996); Member of US National Inventors Hall of Fame 2012; Professor Emeritus, UCLA. The ALSC is proud to have helped many dentists and surgeons.