The American Laser Study Club Presents

Pediatric Tongue- and Lip-Ties: Diagnosis and Treatment with Soft-Tissue Lasers

Dental Studies Institute of New Jersey
7 Spielman Road • Fairfield, NJ 07004

2-Day Hands-On Course
14 CEUs

When: Saturday, February 2, 2019
8:00 AM - 6:00 PM
and
Sunday, February 3, 2019
8:00 AM - 12:00 PM

Meet the Instructors

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.

Catherine Watson Genna, BS, IBCLC

Catherine is particularly interested in dyads with medical challenges to breastfeeding. In addition to mentoring lactation interns, she uses her clinical photos and videos in presentations to healthcareprofessionals on assisting breastfeeding babies with anatomical, genetic or neurological problems. She participates in a research collaborative with Columbia University and Tel Aviv University Depts of Biomedical Engineering, investigating biomechanics of the lactating nipple and aspects of sucking and swallowing in breastfeeding infants. Board certified for 20 years, she is also the author of two lactation texts, professional journal articles, and chapters in the Core Curriculum and Breastfeeding and Human Lactation. Catherine served as Associate Editor of the United States Lactation Consultant Association's official journal Clinical Lactation for its' first seven years.

Tuition

Early Bird: $695 *until December 19, 2018*
Regular: $795 *after December 19, 2018*
Non-dentists–Observation Only–No hands-on: $395

Registration

Phone: 973-808-1666
Fax: 973-808-3305
Web: alsc.club/nj-course

Introduction:

Enhance your understanding of the issues of pediatric laser dentistry (including tongue-ties and lip- ties) and start the process of becoming a board certified laser surgeon! 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 efficiently 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, as well as on the fundamental processes involved in the laser-tissue interaction and 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

- Infant sucking physiology and how tongue ties impact infant suck.
- Current methods of clinical assessment, diagnosis and treatment of lingual and labial ties.
- Reliable diagnostic criteria to screen babies for this condition.
- Consequences and benefits of using lasers to remove oral restrictions.
- Introduction to Science-based, safe and efficient use of surgical lasers for Dentists, Lactation Consultants, Speech and Language Therapists, et al.
- Learn to remove oral restrictions using soft-tissue lasers through participation in a hands-on workshop.

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:

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

2 HOURS

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).

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.