The American Laser Study Club Presents

Pediatric Tongue- and Lip-Ties and Laser Frenectomies

UTHealth School of Dentistry - Garza Classroom
7500 Cambridge Street, 4th Floor Room 4340• Houston, TX 77054

2-Day Hands-On Course
16 CE Hours

When: Friday and Saturday
January 25-26, 2019
8:00 AM - 4:30 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.

Michale Chatham
RN, BSN, LMT, IBCLC, OMT

Utilizing her experience as a Registered Nurse with more than 30 years experience in Dentistry she established one of the country's first integrative Frenectomy Clinics. She is founder and CEO of MyoWild™, which provides a proprietary approach to healing the structural and functional effects of Oral Dysfunction in any age Client. She consults with Dentists nationwide to assist them in realizing their dream Integrative, Airway and Oral Functional practices. Michale is also Clinical Care Coordinator at Carla Damon, DDS located in Richardson, TX.

Tuition

$795 - Dentist
$475 - Allied dental personnel*
*(*Observation Only*)

Registration

To register, follow the link:
alsc.club/tx2019

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 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
- Present basic knowledge about 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 lasers in Dentistry 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

- 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.

Agenda

Day One

2 hours	Clinical introduction
2 hours	Laser didactic material
LUNCH	
2 hours	Laser safety & hands-on laser technique practice on tissue samples
2 hours	Clinical didactic material

Day Two

4 hours	Clinical didactic material
LUNCH	
2 hours	Hands on laser laboratory experience
2 hours	Detailed clinical discussions

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 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 to become the Diplomates of the American Board of Laser Surgery.