The American Laser Study Club Presents

Pediatric Tongue- and Lip-Ties, and Laser Frenectomy Integration into Your Dentistry Practice

2-Day Hands-On Course - 16 CEUs

Friday and Saturday
November 5-6, 2021
8:00 AM - 4:30 PM

Hilton Hasbrouck Heights
650 Terrace Avenue
Hasbrouck Heights, NJ, 07604

Meet the Instructors

Martin Kaplan, DMD

Dr. Kaplan is a pediatric dentist. He was the first pediatric dental hospital trained post-graduate from Montefiore Hospital in the Bronx, NY. He has been a member of the Academy of Pediatric Dentistry and at Department at Tufts University School of Dental Medicine in Boston, 2006-2017. He has lectured nationally and internationally, has co-authored several dental articles and has been a contributing author in several dental texts including the *Journal of the ALSC – Infant Laser Frenectomy Special Issue*.

Piya Gandhi, DDS

Dr. Gandhi has been practicing dentistry since 2009. She completed her pediatric specialty training at the University of Texas in Houston. She has done extensive training beyond her residency in the diagnosis and treatment of TOTS. Dr. Gandhi screens all of her patients for oral restrictions and believes in a comprehensive team approach to treatment. Her team currently consists of a SLP, OMT, IBCLC, and pediatric chiropractor.

Robyn Merkel-Walsh, MA, CCC -SLP, COM®

Robyn is a Licensed Speech Pathologist and Certified Orofacial Myologist with over 24 years of experience in the state of NJ. She is a board chair of the Oral Motor Institute, employed full time by the Ridgefield Board of Education, and runs a private practice in Ridgefield, NJ. She has been elected NJ Kids Top Doctors in 2012, 2013, 2014 and 2018.

Max Sulla, DDS

Dr. Sulla received his D.D.S. from the NYU College of Dentistry followed by his Pediatric Dentistry degree at the University of Medicine & Dentistry of New Jersey. A member of multiple accredited organizations, Dr. Max is a past president of the NJ Academy of Pediatric Dentistry and a AAPD Council member. He is currently President of the North East Society of Pediatric Dentistry.

Lisa Paladino, CNM, IBCLC

Lisa is an International Board Certified Lactation Consultant (IBCLC) and Certified Nurse Midwife (CNM), with over 30 years of experience helping new families to breastfeed. Lisa is an author, lecturer and advocate for tongue tie. She educates and connects parents and professionals through social media (Tongue Tie Experts), and offers interdisciplinary online programs for health care professionals on the topic of tongue tie in the breastfeeding infant.

View Complete Instructor Biographies At
alsc.club/instructors

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:

- Background and significance of Tethered Oral Tissues (TOTS);
- Diagnosis of pediatric tongue- and lip-ties;
- Teaching of the function first model diagnosis and treatment;
- Multi-disciplinary approach to treating pediatric tongue- and lip-ties;
- Lactation support for the breastfeeding tongue-tied dyad;
- Bodywork and alternative therapy for the tongue-tied baby;
- Setting expectations with families and patients;
- Current methods of clinical assessment, diagnosis and treatment of pediatric lingual and labial ties. Attendees will be able to:
  - Describe infant sucking physiology and how tongue-ties impair infant suck;
  - Appropriately use reliable diagnostic criteria to screen babies and children for this condition;
  - Clearly express orthodontic-myofunctional connection;
  - Discuss how the soft tissues of the orofacial complex may lead to malocclusion, TMD, headaches, and other problems; and
  - List and define all consequences and benefits of using lasers to remove oral restrictions.

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 overcomes the 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 laser safety instructions, frenectomy simulations and other surgical laser procedure demonstrations. Laser instructions will be assisted by the guest speaker Peter Vitruk, PhD, MInstP, CPhys, a laser physicist who founded the American Laser Study Club and LightScalpel Inc.

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).

Tuition

Doctors: $995
Non-Doctors: $595
ALSC Members: $50 OFF*
LightScalpel Users: $50 OFF*

Registration

alsc.club/nj2021

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