The American Laser Study Club Presents

Pediatric and Adult Tongue- and Lip-ties and Laser Frenectomies

with LIVE SURGERY Demonstrations

2-Day Hands-On Course – **15 CEUs**

Saturday & Sunday
July 13 -14, 2019
8:00 AM - 4:00 PM

The Raphael Center
for Integrative Education
1425 Broad Street, Clifton, NJ 07013

Meet the Instructors

Martin Kaplan
DMD, DABLS

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 since 1977.

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.

Allison Adams
DMD

Dr. Adams focuses on the unique presentation of each patient with the understanding that tongue and lip ties are likely a sign of a more global issue Practitioners should recognize that patients are complex beings that come to us with varied physical, emotional and traumatic experiences that have shaped them. A change in one area of the body, such as a frenectomy, can create a change in the whole body and as providers we need to understand the impact and how a team approach is in the best interest of the patient.

Dr. Adams believes that to be successful with frenectomies, it is vital to address cause and compensations. She will discuss clinical signs of tethered tissue, diagnostics utilized for identification, global issues often associated with tongue and lip ties, how to evaluate a patient's level of readiness for release, and how she incorporates myofunctional and osteopathic therapy with releases.

Dr. Adams has an integrated center that combines laser frenectomies with osteopathic, myofunctional and airway focused orthodontic therapies to treat infants, children and adults.

Mark Morris
DO, FACOP

Dr. Morris received his medical degree from the University of New England College of Osteopathic Medicine. After completing both an internship in General Medicine and a residency in Pediatrics at the Children's Hospital of New Jersey, Newark Beth Israel Medical Center, in Newark, NJ, Dr. Morris became a Fellow of the American College of Osteopathic Pediatricians. He has served as a staff physician at Children's Specialized Hospital in Mountainside, NJ. He is the senior physician at New Jersey Osteopathic Medicine. Dr. Morris devotes 100% of his practice to his specialty in Osteopathic Manipulative Medicine (OMM) and Cranial Osteopathy. Rather than just treating symptoms, he works to understand the origin of the problem, and uses that as a pathway toward resolution.

Introduction:

As many as 5 percent of all babies born in the US have tongue-ties significant enough to cause breastfeeding difficulties. Untreated tongue-ties may cause malocclusion, prognathism, mouth breathing and other issues later in life. The purpose of this course is to help clinicians better understand various aspects of pediatric laser surgery to treat tethered oral tissue (TOT) across all ages.

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:

With the renewed interest in TOT by both practitioners and the public, there should be an understanding of when the right time is to do a frenum release. Practitioners should recognize that a change in one area of the body, such as a frenectomy, can create a change in the whole body and it is important to understand the impact of this procedure as well as how a team approach is in the best interest of the patient.

The instructors believe that that to be successful with frenectomies, it is vital to address both the cause and compensations, as tongue- and lip-ties may signal a more global issue. The course will elucidate the following:

- Clinical signs of TOT;
- Current diagnostics utilized for identification of TOT;
- Global issues often associated with tongue and lip ties;
- Ways to evaluate a patient's level of readiness for frenum release;
- Ways to incorporate myofunctional and osteopathic therapy with releases; and
- Consequences and benefits of using lasers to remove oral restrictions.

In addition, attendees will :

- Get an introduction to Science-based, safe and efficient use of surgical lasers for Dentists, Lactation Consultants, Speech and Language Therapists, et al.; and
- Learn to remove oral restrictions using soft-tissue lasers through observing **live surgery demonstrations** as well as 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 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 different laser wavelengths and will include laser safety instructions and demonstrations. Laser instructions will be assisted by guest speaker Peter Vitruk, PhD, MInstP, CPhys, 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).

Laser Institute of America

THIS PROCLAMATION CERTIFIES THAT

PETER VITRUK

HAS COMPLETED LASER INSTITUTE OF AMERICA'S

CO_2 MEDICAL LASER SAFETY ONLINE

TRAINING CONSISTING OF BIOPHYSICS AND TISSUE INTERACTION, SAFETY STANDARDS, OPERATIONAL SKILLS, AND PERIOPERATIVE LASER SAFETY. WORTH 0.5 CM POINTS BY THE BOARD OF LASER SAFETY.

JANUARY 24, 2018
DATE

EDUCATION DIRECTOR

American Laser Study Club

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

Attended xxxx hours of Surgical & Dental Laser Hands-On Participation Workshop and Wetlab, and Successfully Passed the Written Examination and is Awarded a Certificate of Completion in Laser Dentistry, Laser Surgery and Laser Safety Studies

Registration

julylaser.eventzilla.net