

Presented by



American Laser Study Club

&

THE BREATHE INSTITUTE

THE

BREATHE SURGICAL LASER COURSE

with LIVE SURGERY Demonstrations

2-Day Hands-On Course 16 CEUs

Date and Time: Friday and Saturday September 10-11, 2021 8:00 AM - 4:30 PM

Location: TBI: Calabasas 4505 Las Virgenes Rd. Ste 209 Calabasas, CA 91302

Meet the Instructors



Soroush Zaghi, MD

Dr. Zaghi graduated from Harvard Medical School, completed a residency in ENT at UCLA, and Sleep Surgery Fellowship at Stanford University. The focus of his sub-specialty training is on the comprehensive treatment of tongue-tie, nasal obstruction, mouth breathing, snoring, and obstructive sleep apnea. He is very active in clinical research relating to sleep-disordered breathing with over 80+ peer-reviewed research publications in the fields of neuroscience, head and neck surgery, and sleep-disordered breathing.

Dr. Zaghi is particularly interested in the impact of tethered-oral tissues (such as tongue-tie) and oral myofascial dysfunction on maxillofacial development, upper airway resistance syndrome, and obstructive sleep apnea. He is an invited lecturer, author, and journal reviewer for topics relating to the diagnosis and management of sleep-disordered breathing and tongue-tie disorders.

Dr. Zaghi will perform a live tongue-tie surgery with a CO₂ laser.



Chelsea Pinto, DDS

Dr. Pinto is a general dentist specializing in infant tongue ties at The Breathe Institute in Los Angeles. She earned her Doctor of Dental Surgery (DDS) degree from the USC Ostrow School of Dentistry and completed a post-graduate General Practice Residency program. Dr. Pinto's interest in helping babies with feeding challenges due to oral restrictions turned into an undeniable passion after having her first son and experiencing her own breastfeeding journey.

Dr. Pinto is a member of the American Dental Association, California Dental Association, International Affiliation of Tongue Tie Professionals and International Consortium of Oral Ankylofrenula Professionals. When a mother has breastfeeding problems, she should feel confident and comfortable turning to her established system of medical support for help. Dr. Pinto provides CO₂ laser frenectomy treatment and is proud to offer a comprehensive approach - educating families on appropriate bodywork therapy, oral motor and breastfeeding support referrals to best address tongue function and its impact on the rest of the body.

Dr. Pinto will perform a live tongue-tie surgery with a CO₂ laser.



Martin Kaplan, DMD

Dr. Kaplan is a board-certified pediatric dentist and developed the first in the country comprehensive Infant Laser Frenotomy class at Tufts University Dental/Medical Center in Boston.

He is a recipient of the Kumar Patel Prize in Laser Surgery in 2020. Dr. Kaplan 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 American Laser Study Club - Infant Laser Frenectomy Special Issue*.

Plus Multidisciplinary Guest Speakers From The Breathe Institute

Introduction

Learn from renowned experts in the field of tethered oral tissues (TOTS) about its significance, diagnosis, multidisciplinary coordination, therapy, surgical treatment with lasers, and more. This course includes both live patient demonstrations as well as learning how to use soft-tissue lasers from both a physics perspective and trying it out hands-on.

Clinical Curriculum

- Background and significance of TOTS;
- Diagnosis of tongue- and lip-ties in patients of all ages;
- Multidisciplinary approach to treating tongue and lip ties;
- Lactation support for the breastfeeding tongue-tied dyad;
- Bodywork and alternative therapy for the tongue-tied patients;
- Oral Myofunctional Therapy and Functional Laser Frenectomy in older patients;
- Preprocedural and post-operative wound management;
- Setting expectations with families and patients;
- Current methods of clinical assessment, diagnosis, and treatment of lingual and labial ties.

Attendees will:

- o Appropriately use reliable diagnostic criteria to screen patients for this condition;
- o Clearly express orthodontic-myofunctional connection;
- o Discuss how the soft tissues of the orofacial complex may lead to malocclusion, TMD, headaches, and other problems; and
- o List and define all consequences and benefits of using lasers to remove oral restrictions.

Laser Curriculum

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.

The Laser Surgery and Safety Basic Knowledge Certification Curriculum for this Course were 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. The hands-on laser 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
- 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: \$1,250
Non-Doctors: \$750

TBI Ambassadors: \$50 OFF*
ALSC Members: \$50 OFF*
LightScalpel Users: \$50 OFF*

*email alsc@americanlaserstudyclub.org for your coupon code

Registration

alsc.club/tbi2021

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