The American Laser Study Club Presents

Frenectomies & Beyond: A Modern Approach to Laser Education that Challenges Traditional Methods Addressing Ankyloglossia and Tethered Oral Tissues

2-Day Participation Laser Surgery Workshop - 14 CEUs

When: Friday and Saturday,
March 1-2, 2019
9:00 AM - 4:00 PM

Where: 5290 Medical Drive
San Antonio, Texas 78229

STRC Sleep Therapy & Research Center

PACE Academy of General Dentistry Program Approval for Continuing Education

Cairways LLC (Wuertz, Karen M.) Nationally Approved PACE Program Provider for FAGD/MAGD credit. Approval does not imply acceptance by Any regulatory authority or AGD endorsement. 11/1/2018 to 10/31/2019. Provider ID# 387153

Meet the Instructor

Karen Wuertz
DDS, DABLS, FOM

Dr. Karen Wuertz is a Diplomate of the American Board of Craniofacial Dental Sleep Medicine, a Diplomate of the American Board of Laser Surgery, a Fellow in the American Academy of Craniofacial Pain and a Fellow in Orofacial Myology. Dr. Wuertz is passionate about treating and coordinating care for patients as it relates to oral restrictions, oral function, and airway management during Sleep. Dr. Wuertz maintains active dental licensures in Virginia, North Carolina, Texas, and Washington.

Breakfast, Lunch, Afternoon snack, hot and cold beverages will be provided.

Tuition

Doctors: $675 **Staff/IBCLC/OMT/SLP:** $375
Residents: $475 **ALSC Members:** $50 off

Registration

To register, please follow the link:
https://cairways.net/register

Introduction:

Enhance your understanding of tethered oral tissues (TOTS). Learn how to identify, diagnose and treat TOTS by a multidisciplinary team of providers.

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

- Explore the Oral Restrictive Complex (O.R.C .) and a multidisciplinary approach to care for all ages.
- Learn a proven approach to identification of Pediatric Airway, Sleep and Orofacial Mandibular Disorders.
- Explore current methods of identification of TOTS for diagnosis, treatment and management. Attendees will be able to understand consequences and benefits of using lasers to remove oral restrictions
- Discover how to create a multidisciplinary team and be able to implement proven practice management skills.
- Demonstrate a wide range of didactic and clinical tools for the use of lasers in pediatric dentistry
- Present basic knowledge about Dental lasers adhereing 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
- 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 1		Day 2	
2 hour	Clinical introduction	**4 hours**	Clinical didactic material
2 hours	Laser didactic material	*LUNCH*	
LUNCH		**2 hours**	Hands on laser laboratory experience
2 hours	Laser safety & hands-on laser technique practice on tissue samples	**1 hour**	Detailed clinical discussions
2 hours	Clinical didactic material		

Hands-On Participation Session:

2 HOURS

- Laser Safety
- Laser Surgical Technique Simulations
- Superficial Ablation
- Superficial Coagulation
- Shallow Incision
- 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.