Laser & Health ACADEMY

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LA&HA Master's Program in Laser Dentistry

2022/2023

The Medical Power of Light

Boost your professional career in dentistry to new levels by becoming a Master in Laser Dentistry.

The Laser and Health Academy (LA&HA) offers a comprehensive Master's Program that provides everything you need to know to become a skilled laser specialist. Key benefits of the LA&HA Master's Program include:

- **200 hours of active training by high-level industry experts and skilled professionals in multiple fields of dentistry**
- **Module-based training in a supportive and highly functional educational setting with the most efficient and up-to-date laser technologies**
- **Hands-on clinical training sessions with close supervision at advanced and highly experienced dental laser centers.**

www.laserandhealthacademy.com

LA&HA Master's Program in Laser Dentistry

Module 2 Instructor Feb 12 – 15 2023
Dr. Giovanni Olivi MD DDS
Rome, Italy

Dr. Giovanni Olivi graduated cum laude in Medicine and Surgery and in Dentistry at the University of Rome, Italy. He has lectured in the past fourteen years as a visiting professor in several European universities. He mantains his private practice in Endodontics, Aesthetic and Paediatric Dentistry in Rome, where he is also Professor a.c. at the "Catholic University of Sacro Cuore".

Dr. Olivi completed the postgraduate laser course at the University of Florence in 2002 and achieved the laser certification from ISLD in 2004. He also obtained his Advanced Proficiency from the Academy of Laser Dentistry in 2006 and achieved the Master status from ALD in 2009. In 2007 he received the "Leon Goldman Award" for clinical excellence from ALD.

Dr. Olivi is an active member of the Italian Academy of Microscope Dentistry (AIOM), the Italian Society of Endodontics (SIE), the Italian Society of Pediatric Dentistry (SIOI) as well as an active member of the Academy of Laser Dentistry (ALD). He is the author of over 60 peer-reviewed articles and several textbook chapters on dentistry topics. He is also the author of 4 books on laser applications in Dentistry: Laser in Dental Traumatology, Pediatric Laser Dentistry, Laser in Restorative Dentistry and Laser in Endodontics.

MODULE II

LA&HA Master's Program in Laser Dentistry

Module II, February 12-15, 2023

The objective of the second module

- The second module of the Master's Program (4 days), undertaken in cooperation with LA&HA's partnering dental education centers, presents detailed insights into the proper use of Fotona lasers in a range of dental specialties.
- The second module is designed to provide deep knowledge to understand different treatment methods with dental lasers.

The program for the second module

Laser-assisted conservative dentistry

- Minimally invasive caries removal, preparation speed
- Fissure sealing
- Cavity preparation, cavity sterilization
- Deep dentin treatment
- Pulp capping
- Methods for composite fillings and ceramic inlays
- Veneer preparation
- Methods for removal of old fillings
- Hands-on training, skill training, and live patient demonstrations

Laser-assisted restorative dentistry

Laser-assisted endodontics

- Cleaning and disinfection of the root canal
- Apicectomy
- Hands-on training, skill training, and live patient demonstrations

Pediatric laser dentistry

- Approaches with children
- Pain and analgesia
- Soft-tissue therapy
- Hard-tissue therapy
- Traumatic injuries
- Pulp capping
- Vital pulpotomy
- Laser pulpectomy
- Live patient demonstrations

Location

Vancouver, BC

Course Fee $2,950 plus tax

Lecturer

Giovanni Olivi, MD, DDS

Prof.a.c.Università Cattolica del Sacro Cuore di Roma

Module 2 Instructor Feb 12 – 15 2023
Dr. Giovanni Olivi MD DDS
Rome, Italy

Click Here To Register

QUESTIONS?

PLEASE CALL STACEY MILLER 800.392.1171 EXT 103

OR BY EMAIL STACEY.MILLER@NATIONALDENTAL.COM

Preliminary Schedule

SUNDAY, February 12, 2023	
9.30	Welcome
09.30 – 10.30	• Presentation of the course: overview of Laser applications in Paediatric Dentistry, Restorative Dentistry, and Endodontics • Laser physics and everyday practice: Laser-Tissue interaction with dental tissues: enamel, dentin, caries, gingiva, and mucosa. • Wavelength and target chromophores (water, hydroxyapatite, hemoglobin)
10.30 – 11.00	• Break
11.00 – 12.00	• Medium Infrared lasers effects on dental tissues (enamel, dentin, pulp) • Near-Infrared laser's effects on dental tissues (enamel, dentin, pulp) • Role of water spray • energy, pulse duration, and pulse frequency effects on oral tissues
12.00 – 13.00	• Laser in Paediatric Dentistry: • Pain and fear: threshold of pain and threshold of suffering • Introducing laser to the children: laser approach and psychological approach • Laser Analgesia • High and low energy, short and long pulse, pulse repetition rate, and pain stimulation
13.00 - 14.30	• Lunch
14.30 – 16.00	• Laser for caries prevention • Laser fluorescence diagnosis • Laser-assisted sealant • Laser for M.I.H. (molars-incisors-ipomineralization)
16.00 - 17.00	• Laser for caries removal in primary teeth • Laser for deep caries treatment: pulp capping-pulpotomy • Laser for pulpectomy in primary teeth
17.00 – 17.30	• Discussion
17.30 – 20.00	• Free time
20.00	• DINNER together

MONDAY, February 13, 2023	
09.00 – 11.00	• Laser labial frenectomy • Laser lingual frenotomy • Short lingual frenum and postural alterations in children and youth
11.00 – 11.30	• Break
11.30 – 13.00	• Carious removal of permanent teeth (all Black's classes) • Margin smoothening, laser conditioning, acid etching • Deep dentin decay: is the stepwise technique today still actual?
13.00 - 14.30	• Lunch
14.30 - 15.30	• Laser and pulp exposure: decontamination, coagulation, capping
15.30 - 16.30	• CLINICAL CASE: Restorative Dentistry
16.30 – 17.00	• Discussion
17.00 – 18.00	• Multiple choice test – part 1

TUESDAY, February 14, 2023	
09.00 – 10.00	• Test part 1 - evaluation and discussion
10.00 – 11.00	• Introduction to root canal anatomy • Introduction to the root canal preparation and irrigation • Preparing the **personal model*** for the hands-on
11.00 – 11.30	• Break
11.30 – 13.00	• Conventional Laser Endodontics: all the wavelength • Photo Activated Disinfection: visible and near-infrared lasers • Laser Activated Irrigation and SWEEPS
13.00 - 14.30	• Lunch
14.30 – 15.30	• SWEEPS protocol
15.30 – 16.30	• Hands-on*
16.30 – 17.00	• Break
17.00 – 18.00	• Multiple choice test – part 2
18.00 – 20.00	• Free time
20.00	• DINNER together

WEDNESDAY, February 15, 2023	
09.00 – 10.00	• Test part 2 - evaluation and discussion
10.00 – 10.30	• Break
10.30 – 12.30	• CLINICAL CASE: Root canal therapy
12.30 - 13.00	• Discussion on module II content

* **Each participant should bring one extracted tooth with the access cavity prepared and canal/s instrumented only up to ISO .10 file at the apex.**