

LA&HA

Malaysia Training Center

Specialized Program:

Mastering Laser Dentistry Across Disciplines



Dedicated to Research & Education on the Medical Power of Light

Location:
LA&HA Malaysia Training Center
(Johor, Malaysia)

Date:
30th Apr & 1st May, 2025

Overview

Mastering Laser Dentistry Across Disciplines: This transformative two-day educational experience is designed exclusively for dental surgeons and specialists, offering a unique opportunity to enhance expertise across multiple disciplines of dentistry using Fotona revolutionary LightWalker dental laser technology.

The program begins with a strong foundation in laser physics and principles, followed by hands-on training and advanced techniques tailored to various dental specialties. To ensure the highest quality education, an esteemed master of lasers Prof. Giovanni Olivi from Rome has been invited to lead the Endodontics and Pediatric Dentistry modules. LA&HA certified lecturer Dr. Phang will guide participants through the Laser Physics and Soft Tissue Management modules, ensuring comprehensive, expert-led instruction.

Objectives

- **Laser Physics and Fundamentals** : Understand the core principles of laser operation, including wavelength dynamics, tissue interaction, and safety protocols.
- **Soft Tissue Management** : Develop skills in managing soft tissue during laser-assisted treatments and retreatments, with a focus on infection control. Learn techniques for precise ablation, coagulation, and tissue preservation to achieve superior clinical outcomes.
- **Pediatric Dentistry**: Discover operative advantage and clinical advantages of laser therapy in pediatric dentistry. Explore how laser precision improves treatment outcomes in pediatric and surgical applications.
- **Lasers in Endodontics** : Master the revolutionary SWEEPS technology for superior root canal treatment. Explore advanced techniques for effective irrigation, biofilm disruption, and complete decontamination of the root canal system.

All participating principal lecturers are certified Lecturers of the Laser and Health Academy.

The **Laser and Health Academy** is an independent institution developed and founded with Fotona's support to advance medical, technical, and scientific knowledge in lasers and their application in medicine and dentistry. It serves as a platform for exchanging and disseminating scientific knowledge among peers and promoting evidence-based laser medicine and dentistry among practitioners and the public.

The Academy's key activities focus on practical instruction and demonstration of laser techniques and procedures. These are delivered through various workshops, seminars, and specialized events at the Laser and Health Academy's training and demonstration facility or on-site at the Laser and Health Academy Lecturers' surgeries and clinics.

Visit www.laserandhealth.com for more information about the Academy's activities and the use of lasers in medicine and dentistry.



Preliminary Schedule & Curriculum

Wednesday, April 23rd Lecturer: Dr. Phang Hui Jing Venue: Online Webinar	
7:30 PM – 9:30 PM	Laser Physics and Fundamental <ul style="list-style-type: none"> • Basic principles of laser physics • Mechanism of laser-tissue interaction • Benefits and shortcomings of various laser wavelengths • Clinical Cases • Q&A

Soft Tissue Management

Wednesday, April 30th Lecturer: Dr. Phang Hui Jing Location: LA&HA Malaysia Training Center (Kulai, Johor)	
9:00 AM – 10:00 AM	Theory and Concept: Laser-Assisted Soft Tissue & Oral Lesions Management
10:00 AM – 10:30 AM	Coffee Break
10:30 AM – 11:00 AM	Gingivectomy, gingivoplasty, aesthetic recontouring
11:00 AM – 12:00 AM	Osseous crown lengthening, Vascular lesions, Lesions removal
12:00 AM – 1:00 PM	Lunch Break
1:00 PM – 2:00 PM	Hands-on: Er:YAG and Nd:YAG ablation, coagulation, disinfection
2:00 PM – 3:00 PM	Working principles of contact/non-contact Er:YAG and activated/nonactivated Nd:YAG fiber
3:00 PM – 3:30 PM	Coffee Break
3:30 PM – 4:30 PM	Hands-on: Gingivectomy, gingivoplasty
4:30 PM – 5:30 PM	Hands-on: Aesthetic recontouring, Osseous crown lengthening
5:30 PM – 6:00 PM	Hands-on: Photobiomodulation
6:00 PM – 8:00 PM	Dinner Discussion

Pediatric Dentistry

Wednesday, April 30th Lecturer: Prof. Giovanni Olivi Location: LA&HA Malaysia Training Center (Kulai, Johor)	
9:00 AM – 10:00 AM	Role of laser in children oral care
10:00 AM – 10:30 AM	Laser hard tissue interaction
10:30 AM – 11:00 AM	Coffee Break
11:00 AM – 12:00 PM	Laser soft tissue interaction
12:00 PM – 1:00 PM	Lunch Break
1:00 PM – 2:30 PM	Laser soft tissue applications: labial frenectomy, lingual frenum release. <ul style="list-style-type: none">• Frenum Inspection, tongue, lip and buccals, validated protocols• Importance of a Team Approach and ideal timing of release• Dual Wavelength Release Technique• Laser Labial Frenectomy Technique
2:30 PM – 2:45 PM	Coffee Break
2:45 PM – 5:00 PM	Hands-On (Animal Model)
5:00 PM – 5:30 PM	Q & A Session
6:00 PM – 8:00 PM	Dinner Discussion



Lasers in Endodontics

Thursday, May 1st Lecturer: Prof. Giovanni Olivi Location: LA&HA Malaysia Training Center (Kulai, Johor)	
9:00 AM – 10:00 AM	Role of irrigation in Endodontics and limitation of different conventional techniques used
10:00 AM – 11:00 AM	Advantages of SWEEPS in RCT Part 1 <ul style="list-style-type: none">• Where are we up to research on SWEEPS?• What do we know?
11:00 AM – 11:30 AM	Coffee Break
11:30 AM – 12:30 PM	Advantages of SWEEPS in RCT Part 2 <ul style="list-style-type: none">• Where are we up to research on SWEEPS?• What do we know?
12:30 PM – 1:30 PM	Lunch Break
1:30 PM – 2:15 PM	Calcified canals, wide apical exit <ul style="list-style-type: none">• which tip and modality should we be using?
2:15 PM – 2:45 PM	SSP, USP and SWEEPS application in Endo-Surgical application
2:45 PM – 3:00 PM	Other applications of SWEEPS in Endodontics
3:00 PM – 3:30 PM	Coffee Break
3:30 PM – 5:30 PM	Hands-on irrigation with Olivi's SWEEPS Protocol <ul style="list-style-type: none">• 3-D models• extracted teeth
6:00 PM – 8:00 PM	Dinner Discussion

Lecturers

PROF. GIOVANNI OLIVI

Giovanni Olivi is native of Rome, Italy where He completed his studies graduating cum laude in Medicine and Surgery (MD) at "La Sapienza" University of Rome, and specialized cum laude in Dentistry (DDS) at "Tor Vergata" University of Rome. In 2000, Giovanni developed a deep interest in the cutting-edge technologies, especially the operative microscope and laser. In 2002 He achieved the postgraduate diploma in "Laser Dentistry" at University of Florence, and started his international education achieving the certification from International Society of Laser Dentistry (ISLD) in 2004, the Advanced Proficiency from ALO in 2006 and the Master status, always from ALO in 2009. In 2007 Giovanni has been awarded from Academy of Laser Dentistry with the prestigious "Leon Goldman Award" for clinical excellence, and in 2024 his dedication to dental laser research has been recognized and awarded with the "Theodore Mairman Award".

From 2016 to date He is Adjunct Professor at School of Dentistry and the Scientific Coordinator of the post-graduated "Laser Dentistry" Master at Catholic University of Sacred Heart of Rome.

He is currently certified Active Member (Endodontist) of Italian Society of Endodontics (SIE) and Italian Academy of Endodontics (AIE), member of Academy of Laser Dentistry (ALO), Funder Member and 2021-2023, and ad interim President of the International Academy of Innovative Dentistry (IAID).

Giovanni Olivi in his private practice uses the most advanced technologies to provide his patients the best and minimally invasive treatments, especially in the scope of Endodontics and Restorative Dentistry, using the operative microscope, lasers, 3-0 imaging and CAD-CAM technology to reach the more comfortable and esthetic results. International speaker in over 40 countries in 5 continents, Giovanni authored more than 82 scientific peer-reviewed articles, 6 text-books and several chapters in different dental books.



Speaker : Dr. Phang Hui Jing (BDS Singapore)

The Toothbar Dental Singapore, Founder & Clinical Director
Certified Lecturer of Laser and Health Academy

Dr Phang graduated as Valedictorian from the National University of Singapore, awarded with the University Silver Medal, Terrel Silver Medal, Tratman Medal and SDA Book Prize, and was placed on the Dean's List. Dr Phang started her career as a dental surgeon in a public hospital treating patients requiring complex multidisciplinary medical and dental attention. After hospital practice, Dr Phang joined a leading family dental care practice, with strong emphasis on innovative dental technology, lasers and aesthetics. Dr Phang completed her advanced training in Laser Dentistry at the Laser and Health Academy. She is the first in Singapore to finish a comprehensive laser training course in Slovenia.

Dr. Phang is currently pursuing a Master of Science at the Catholic University of the Sacred Heart in Rome.



Fees and Conditions

LA&HA Specialized Program: Mastering Laser Dentistry Across Disciplines

1 day program fee : 1,635 SGD (GST Included) / 1,165 EUR
2 days program fee : 2,616 SGD (GST Included) / 1,865 EUR

Once participants have registered for the workshop, they will be given access to self-learning online modules - Introduction to Lasers Physic.

Upon successful completion, participants will receive a course certificate, issued by organiser.

Registrations will close 2 weeks before the start of the workshop. To maintain the educational quality of the workshop.

The number of participants are limited. Registrations are accepted on a first-come, first-served basis.

Round-trip transportation and one overnight stay for 2 days program are included. All bookings only after receipt of confirmation.

Venusys Medical cannot be held liable for cancellation fees or travel arrangements.

We will send you the confirmation of your registration and participation at least two weeks before the start of each workshop.

Cancellation Policy: 50% of registration fees will be charged if cancellation takes place up to 7 days before the start of the workshop. 100% of the total amount will be charged if you notify us about your cancellation less than 3 days before the beginning of the workshop.

Notice of cancellation must be made in writing (email) to Venusys Medical. The date of receipt (email) will serve as the basis for refunds.

Registration Link

<https://forms.gle/zNzYNRDvAzBMU6uTA>

Contact Information

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LA&HA Academy

Malaysia Training Center

Workshop Coordinator

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Places to stay and attractions at Kulai, Johor

Kulai, JB has many tourist attractions and accommodations to suit everybody's tastes, needs, and budgets.

*The organizer will arrange overnight accommodations for all participants at Hyatt Place Johor Bahru Paradigm Mall, subject to availability. In the event that the hotel is fully booked, the organizer will secure alternative accommodations that best align with the program schedule.



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