

ESLD Teaching Course

# Lasers & Energy Based Devices

13-14 January 2017

Florence, Italy

 VILLA DONATELLO



## ESLD Teaching Course

ESLD is honoured to introduce you to its Second **Teaching Course on Lasers and Energy Based Devices**.

This highly specialized course has been designed by ESLD and will be held in collaboration with the **Clinic Villa Donatello** in beautiful Florence, Italy. It will provide participants with up-to-date theoretical and practical knowledge on laser & EBD applications.

### Main Topics

The latest laser and EBD systems will be presented to cover the following scientific concepts:

- ✔ Laser tissue interaction & laser safety
- ✔ Selective Photothermolysis
- ✔ Fractional Photothermolysis
- ✔ Current concepts in the EBD field

### Course Description

The 2-day course is structured in four 2h-theoretical sessions, followed each by hands-on sessions. The maximum number of participants for the theoretical part is 25. For the practical session participants are divided into small working groups with a maximum of 5 participants for each group. This assures a very close interaction in between the preceptors and the participants during the hands-on sessions.

### Faculty

World renowned preceptors will introduce you to the theoretical concepts of laser and EBDs. The entire teaching faculty will furthermore share their practical skills during the hands on sessions:

- ✔ Prof. Ashraf Badawi (Egypt)
- ✔ Prof. Paolo Bonan (Italy)
- ✔ Dr. Hans-Joachim Laubach (Switzerland)
- ✔ Dr. Leonardo Marini (Italy)
- ✔ Dr. Matteo Tretti Clementoni (Italy)

After participation in this course you will have acquired a basic knowledge assuring that you will feel more secure using lasers and EBDs. This knowledge will guarantee reliable and satisfying outcomes for you and your patients.

Looking forward to welcoming you in Florence,

Hans-Joachim Laubach  
*ELSD President*



## Industry Collaboration

ESLD collaborates with the most advanced companies in the field of lasers and EBDs. This collaboration guarantees your training on the latest device generation in a beautiful setting.



The Code of Excellence

Fotona<sup>®</sup>  
choose perfection



# Friday, 13<sup>th</sup> January 2017

8.30-9.00

## Welcome and course presentation

- ✓ Group randomization
- ✓ Pre-test for CME credits

## Session 1: Laser Tissue Interaction and Laser Safety

9.00-11.20 Theory

- ✓ Ablative and non-ablative laser tissue interaction
  1. Derm Applications
  2. ENT applications
  3. ObGYN applications
- ✓ Fractional Photothermolysis
- ✓ Laser safety
  1. Goggles – how to read and when to put them on
  2. Plumes
  3. Accidental exposures
  4. Laser safety light

11.20-13.00 Practice

- ✓ Safety room
- ✓ CO<sub>2</sub> ablation
- ✓ Er:YAG ablation
- ✓ Fractional ablative
- ✓ Fractional non-ablative

13.00-14.00  
Lunch break

## Session 2: Selective Photothermolysis

14.00-16.00 Theory

- ✓ Selective photothermolysis
- ✓ PDL
  1. Medical indications
  2. Cosmetic indications
- ✓ Long pulsed KTP/Alexandrite/ Diode/Nd:YAG
  1. Laser hair removal
  2. Vascular treatments
  3. Photorejuvenation
- ✓ Q-switched lasers
  1. Pigmentary lesions
  2. Tattoo removal
- ✓ IPL
  1. Photorejuvenation

16.00-17.40 Practice

- ✓ PDL
- ✓ Vascular Nd:YAG
- ✓ Hair removal with Alexandrite/ Diode/ Nd:YAG
- ✓ Q-switched lasers
- ✓ IPL

## ESLD dinner @ 8

An informal get together for all participants, teaching staff, and industry

# Saturday, 14<sup>th</sup> January 2017

## Session 3: Theory of Energy Based Devices

### 9.00-10.45 Theory

- ✓ Cryolipolysis
- ✓ Radiofrequency
  1. Invasive
  2. Non-invasive
- ✓ HIFU
  1. Face
  2. Body
- ✓ Microwaves
- ✓ LED

### 11.00-12.45 Practice

- ✓ Cryolipolysis
- ✓ Radiofrequency
- ✓ HIFU
- ✓ Microwaves
- ✓ LED

12.45-13.30  
Lunch break

## Session 4: Theoretical Concepts

### 13.30-15.00 Theory

- ✓ Concepts of laser and EBD medicine
- ✓ Photorejuvenation
- ✓ Patient preparation
- ✓ Post-op care – healing process
- ✓ How to choose the right device

### 15.00-17.30 Practice Rehearsal and Concepts

- ✓ Ablation
- ✓ Fractional ablative and non-ablative
- ✓ Selective photothermolysis – long pulsed
- ✓ Selective photothermolysis – Q-switched
- ✓ EBDs

### 17.30-19.00 Wine and cheese closing ceremony

- ✓ Post-test for CME credits
- ✓ Award ceremony
- ✓ Closing remarks
- ✓ Attendance certificate distribution
- ✓ Group photography

## CME Credits

We are pleased to inform you that the application for European accreditation for:

### European Society for Lasers and Energy Based Devices (ESLD) Teaching Course - Laser & Energy Based Devices

Venue: **Florence, Italy (13.–14.01.2017)**

Event code: **14978**



was granted **12 European CME credits** (ECMEC) by the European Accreditation Council for Continuing Medical Education (EACCME).

The 'the office in collaboration with the European Society for Lasers and Energy Based Devices - ESLD' (or) 'European Society for Lasers and Energy Based Devices (ESLD) Teaching Course - Laser & Energy Based Devices' is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), [www.uems.net](http://www.uems.net).

The 'European Society for Lasers and Energy Based Devices (ESLD) Teaching Course - Laser & Energy Based Devices' is designated for a maximum of (or 'for up to') 12 hours of European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert EACCME credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME credit to AMA credit can be found at [www.ama-assn.org/go/internationalcme](http://www.ama-assn.org/go/internationalcme).

Live educational activities, occurring outside of Canada, recognized by the UEMS-EACCME for ECMEC credits are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada.

## General info

### Course Venue



Viale Giacomo Matteotti, 4  
50132 Florence – Italy

### ESLD @ 8 dinner – Friday 13<sup>th</sup> January 2017

All attendants will be offered a dinner to get together and exchange knowledge, experience and impressions with other attendees and with the speakers, in a friendly atmosphere.

**Friday 13<sup>th</sup> January 2017 – 8PM**

**Restaurant La Loggia**

Piazzale Michelangelo, 1  
50125 Florence

Stay tuned on

[www.esld.eu](http://www.esld.eu)