



Photo-Dynamic Therapy in Modern Dermatology

Residents and Specialists Course | 03-05 August 2022 | Trieste - Italy

Description

Innovative, compact, 48-hour ILE (Intense Learning Experience) with practical hands-on training on phantoms, under direct supervision of world-known experts in Dermatologic PDT, organized in an advanced Dermatologic Surgical Centre.

Learning Objectives

Following this Course, the attendee will be able to:

1. Understand the principles on Dermatologic PDT is based
2. Recognize key technical, environmental, and organizational strategies to safely and efficiently perform Dermatologic PDT procedures
3. Identify dermatologic indications suitable to be selectively addressed by modern PDT techniques
4. Develop adequate early confidence in performing Dermatologic PDT following simple phantom-based practical exercises
5. Understand the principles of post-Dermatologic PDT skin care techniques, post-operative healing and proper follow-up planning
6. Differentiate among various forms of Dermatologic PDT techniques proposed to treat selected skin alterations available today

Faculty

Speakers: Leonardo Marini, Peter Bjerring, Rolf-Markus Szeimies, Piergiacomo Calzavara Pinton
Tutors: Vera Trashlieva, Irena Trnski, Susanna Marini

Programme

Participants are requested to complete the mandatory online pre-course:

www.eadvlearning.org/learn/course/internal/view/elearning/189/introduction-to-photodynamic-therapy

Wednesday 3 August 2022

14:00-14.30 Registration

14.30-14.50 Welcome from the EADV Faculty and Participant Group Division

14.50-16.30 **Prepare for Action (PA) - 1**

Following this session, the attendee should be able to familiarize with all steps, accessories, and procedures to be implemented before starting a Dermatologic PDT procedure. Groups of max 3-5 attendees will rotate in different “**action rooms**” where EADV Faculty present and demonstrate **how to correctly prepare for action**.

- **PA 1/1** Photosensitizer removal – Skin fluorescence measurement - Topical antiseptics - Local anaesthesia
- **PA 1/2** Treatment and Service tray
- **PA 1/3** Personal and Patient protection and Sterility concepts
- **PA 1/4** Surgical instruments – Laser and EBD equipment - Haemostatic techniques
- **PA 1/5** Skin preparation strategies for an efficient photosensitizer penetration

- 16.30-16.50 Coffee break**
This break will take place at the end of the first round of PA, when all groups have completed the full series of learning experience presented in the action rooms
- 16.50-18.30 Prepare for Action (PA) - 2**
- **PA 1/6** Intra-operative PDT Patient comfort enhancers
 - **PA 1/7** Patient and Light sources positioning, PDT operating field preparation
 - **PA 1/8** IV sedation and Patient vital signs monitoring systems
 - **PA 1/9** Immediate post-PDT skin care protocols and instructions at Patient discharge
 - **PA 1/10** Home skin care protocols in conventional and advanced PDT

Thursday, 4 August 2022

- 09.00-11.00 Operating PDT scenarios & Hands-on exercises 1 (HOE-1)**
Following this session the attendee should be able to familiarize with basic, fundamental operating actions before and during PDT procedures. Groups of max 3 attendees will rotate in different “**action rooms**” where EADV Faculty will teach and supervise hands-on exercises.
- **HOE 1/1** Pre-operative evaluation – marking - photographic documentation
 - **HOE 1/2** Local anaesthesia techniques
 - **HOE 1/3** Preliminary skin preparation to enhance photosensitizer penetration
 - **HOE 1/4** Photosensitizer removal and skin measurements
 - **HOE 1/5** Conventional and Advanced PDT Patient and Light source positioning
 - **HOE 1/6** Post-PDT skin measurements and immediate skin care
- 11.00-11.20 Coffee break**
This break will take place at the end of the first round of PA, when all groups have successfully completed the full series of learning experience presented in all action rooms.
- 11.20-12.40 Operating PDT scenarios & Hands-on exercises 1 (HOE-2)**
Following this session, the attendee should be able to familiarize with basic, fundamental operating actions before and during PDT procedures. Groups of max 3 attendees will rotate in different “**action rooms**” where EADV Faculty will teach and supervise hands-on exercises.
- **HOE 1/7** PDT progressive medical charts
 - **HOE 1/8** Photosensitizer handling and storage protocols
 - **HOE 1/9** Daylight PDT
 - **HOE 1/10** Laser – Light Sources antiseptic cleansing and maintenance
- 12.40-14.40 Lunch break**
- 14:40-16:40 PDT clinical scenarios & interactive discussion exercises 2 (HOE -3)**
Following this session, the attendee should be able to familiarize with basic, fundamental Pre-and Post-PDT clinical assessment of selected cases as observed on Patient photographic documentation. Groups of max 3 attendees will rotate in different “**action rooms**” where EADV Faculty will teach and supervise interactive discussions on already treated PDT’cases
- **HOE 2/1** Mild photo-damaged skin rejuvenation
 - **HOE 2/2** Single and multiple AKs on different anatomical regions
 - **HOE 2/3** Intra-epidermal SCCs, superficial multifocal BCCs
 - **HOE 2/4** Nodular BCCs
 - **HOE 2/5** Extramammary Paget Diseases
 - **HOE 2/6** Resistant HPV
- 16.40-17.00 Coffee break**

- 17.00-18.00 This break will take place at the end of the second round of PA, when all groups have completed the full series of learning experience presented in all action rooms
PDT clinical scenarios & interactive discussion exercises 3 (HOE -4)
Following this session, the attendee should be able to familiarize with basic, fundamental Pre-and Post-PDT clinical assessment of selected advanced cases as observed on Patient photographic documentation. Groups of max 3 attendees will rotate in different “**action rooms**” where EADV Faculty will teach and supervise interactive discussions on already treated PDT’cases
- **HOE 3/1** Recurrent BCC in elderly Patients
 - **HOE 3/2** Darier’s disease
 - **HOE 3/3** Other indications including Cosmetic & Aesthetic indications
- 18:00-18:15 **Coffee break**
- 18:15-19.00 **Interactive Question & Answer Time (HOE -5)**
Following this session, the attendee should be able to get all necessary information regarding the many different practical aspects of PDT techniques presented by Faculty - Attendees will gather again in the Conference room for this part of the training
- 20:30-22:30 **Networking Dinner with speakers and participants**

Friday, 5 August 2022

- 09:00-11:00 **Treatment scenarios & Hands-on treatment exercises 5 (HOE 6)**
Following this Session the attendee should be able to rehearse what learned during **HOE 1,2,3,4,5** . Groups of max 3 attendees will rotate in different “**action rooms**” where EADV Faculty will discuss all hands-on exercises performed during the previous day.
- Pre-operative evaluation - marking and photographic documentation
 - Local anaesthesia techniques
 - Preliminary skin preparation to enhance photosensitizer penetration
 - Photosensitizer removal and skin florescence measurements
 - Conventional and Advanced PDT Patient and Light source positioning
 - Post-PDT skin fluorescence measurements and immediate skin care
- 11.00-11.15 **Coffee Break**
- 11.15-12.45 Interactive Case Presentations by Attendees (*) & Self-Assessment Questionnaire
- 12.45 **End of Course**

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