

MOHS' Micrographic Surgery in Modern Dermatology

Specialists Course | 26-28 July 2023| Trieste, Italy

FACULTY

Course Chair: Leonardo Marini

Speakers: Joseph Alcalay, Michaela Leventer, Kai Munte, Galit Avinoam-Dar

Tutors: Susanna Marini, Miha Tesar

COURSE DESCRIPTION

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

The preliminary online course "[Introduction to Mohs Micrographic Surgery](#)" with theory sessions/video-tutorials and multiple-choice questions must be completed in full by all participants willing to enroll into the onsite practical sessions.

During this course the attendees will be divided in groups and will perform exercises on phantoms and on teaching microscope (as described and learnt in the preliminary video-tutorials), under the supervision of the course faculty member and assistants.

Each group will rotate in 5 active treatment rooms -equipped with all necessary technical supplies- in order to be exposed to all sequential steps of the Mohs' micrographic surgery procedure.

LEARNING OBJECTIVES

1. Understand the principles on which Mohs' micrographic surgery is based
2. Recognize key technical, environmental, and organizational strategies to safely and efficiently perform Mohs' micrographic surgery procedures
3. Identify dermatologic indications suitable to be selectively addressed by Mohs' micrographic surgery
4. Develop adequate early confidence in performing Mohs' micrographic surgery following simple phantom-based practical exercises and 3D histologic specimen assessment
5. Understand the principles of post-Mohs' micrographic surgery reconstructive techniques, post-operative healing and proper follow-up planning
6. Differentiate among different microscopically controlled surgical excision techniques proposed to treat selected skin cancer available today

PROGRAMME

Wednesday, 26 July 2023

14:00-14:30 Registration

14:30-14:45 Welcome from the EADV and the Faculty – Participant groups presentation

14:50-16:30 **Prepare for Action (PA)-1**

Following this session, the attendee should get familiar with all steps, accessories, and procedures to be implemented before starting a Mohs' micrographic procedure. Groups of attendees will rotate in different "action rooms" where the EADV Faculty present and demonstrate how to correctly prepare for action.

- PA 1/1 Topical antisepsis and local anaesthesia – *Leonardo Marini*
- PA 1/2 Personal protection and sterility – *Galit Avinoam-Dar*
- PA 1/3 Treatment and Service tray - Surgical instruments and suture materials – *Michaela Leventer*
- PA 1/3 Surgical patient positioning, surgical lights, and operating field preparation – *Kai Munte*
- PA 1/4 Intra-operative haemostasis techniques – *Joseph Alcalay, Susanna Marini*

16:30-16:50 **Coffee break**

16:50-18:30 **Prepare for Action (PA)-2**

- PA 1/5 Q-tips, gauze, absorbing and compression pads: intra-operative use – *Kai Munte*
- PA 1/6 Patient clinical and vital signs monitoring systems – *Michaela Leventer*
- PA 1/7 Surgical wound stabilization techniques – *Joseph Alcalay, Galit Avinoam-Dar*
- PA 1/8 Primary and secondary dressing systems in surgical practice – *Leonardo Marini, Susanna Marini*

Thursday, 27 July 2023

09:00-11:10

Operating and Laboratory scenarios & Hands-on exercises 1 (HOE-1)

Following this session, the attendee should be able to familiarize with basic, fundamental operating actions to be performed during a Mohs' surgery procedure. Groups of attendees will rotate in different "action rooms" where the EADV Faculty teach and supervise hands-on exercises.

- HOE 1/1 Pre-operative marking and photographic documentation – *Leonardo Marini, Susanna Marini*
- HOE 1/2 Local anaesthesia techniques – *Galit Avinoam-Dar*
- HOE 1/3 Primary excision technique and immediate tissue handling – *Joseph Alcalay*
- HOE 1/4 Laboratory setting – surgical instruments, cutting board, persistent colour marking – *Michaela Leventer*
- HOE 1/5 Preliminary specimen processing and colouring for 3D microscopic assessment – specimen cryofixation techniques – *Kai Munte*

11:00-11:20 **Coffee break**

11:20-12:40

Operating and Laboratory scenarios & Hands-on exercises 2 (HOE-2)

Following this session, the attendee should get familiar with basic, fundamental operating actions to be performed during a Mohs' surgery procedure. Groups of attendees will rotate in different "action rooms" where the EADV Faculty teach and supervise hands-on exercises.

- HOE 2/1 Mohs Laboratory technical setting – Rapid H&E dyeing of histologic specimens – *Michaela Leventer, Joseph Alcalay*
- HOE 2/2 Microtome specimen cutting and transferring on microscopic slides – Histologic slides colour processing – *Leonardo Marini, Susanna Marini*
- HOE 2/3 Microscopic assessment and translation on photographic documentation – *Galit Avinoam-Dar*
- HOE 2/4 Histologic slides handling and archiving – *Kai Munte*

12:40-14:40 **Lunch break**

14:40-16:40

Mohs micrographic scenarios & Hands-on exercises 3 (HOE-3)

Following this session, the attendee should be able to get familiarized with basic, fundamental microscopic assessment of Mohs' surgery histologic slides – translating microscopic observations on patient photographic documentation. Groups of attendees will rotate in different "action rooms" where EADV Faculty teach and supervise hands-on exercises as shown on complete Mohs' cases.

- HOE 3/1 Micro-assessment and translation on photographic documentation: nodular and infiltrating BCC – *Leonardo Marini, Susanna Marini*
- HOE 3/2 Micro-assessment and translation on photographic documentation: sclerodermiform BCC – *Joseph Alcalay, Galit Avinoam-Dar*
- HOE 3/3 Micro-assessment and translation on photographic documentation: SCC – *Kai Munte*
- HOE 3/4 Micro-assessment and translation on photographic documentation: DFSP – and LMM – *Michaela Leventer*

16:40-17:00 Coffee break

17:00-18:20 **Reconstructive scenarios & Hands-on exercises 4 (HOE-4)**

Following this session, the attendee should get familiar with basic, fundamental reconstructive strategies related to size and anatomical location of post-Mohs defects. Groups of attendees will rotate in different “action rooms” where the EADV Faculty teach and supervise decision making on phantoms.

- HOE 4/1 Facial defects: upper third and scalp – *Leonardo Marini, Susanna Marini*
- HOE 4/2 Facial defects: middle third and ear – *Joseph Alcalay, Michaela Leventer*
- HOE 4/3 Facial defects: lower third and lips – *Kai Munte*
- HOE 4/3 Digital defects and Genital defects – *Galit Avinoam-Dar*

20:00-22:00 Networking dinner with faculty members and participants

Friday, 28 July 2023

09:00-11:00 **Treatment scenarios & Hands-on treatment exercises 5 (HOE-5)**

Following this session, the attendee should be able to rehearse what learned during HOE 1,2,3,4. Groups of attendees will rotate in different “action rooms” where the EADV Faculty discuss hands-on exercises.

- HOE 5/1 Pre-operative marking and photographic documentation – *Leonardo Marini, Susanna Marini*
- HOE 5/2 Primary excision technique and immediate tissue handling, preliminary specimen processing for 3D microscopic assessment and cryofixation techniques – *Galit Avinoam-Dar*
- HOE 5/3 Buying and maintaining Mohs laboratory equipment – *Michaela Leventer*
- HOE 5/4 Microscopic assessment and translation on photographic documentation – *Kai Munte*
- HOE 5/5 Reconstructive scenarios and Primary post-operative dressing strategies – *Joseph Alcalay*

11:00-11:20 Coffee break

11:20-12:00 Wrap up and picture time

12:00 End of the course

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