

Mohs Micrographic Surgery in Skin Tumours

Residents and Specialists Course | 08-10 June 2024 | Bucharest, Romania

Description

This hands-on course aims at improving participants surgical skills and gaining a better understanding of the histopathologic aspects of skin tumors.

The interactive training course will include short theoretical parts and hands-on exercises under the supervision of renowned experts including course faculty members, dermato-surgeons and histopathologists.

The practical training will allow participants to have direct experience with real patients. Each course participant will have the possibility to participate at tumor board, to discuss the therapeutic plan for the patients before surgery, to participate in Mohs surgery experience, observing the procedures, participating at mapping, inking, and Cryostat cutting and diagnosis in the histopathology laboratory.

Each participant will read the histologic slides in the Microscopy room.

An integrated TV system is available between surgery room, HP laboratory and study room. Short theoretical presentations will be organized together with quizzes about different reconstruction procedures and pathology slides.

Learning Objectives

- Learn the indications of Mohs micrographic surgery (MMS)
- Understand the principles of MMS
- Familiarize on how a Mohs department is organized (equipment, documentation and workflow)
- Recognize the histologic aspects of skin tumours, vertical sections vs horizontal sections
- Exercise a map of MMS
- Learn how to manage an oncologic case with indication for MMS
- Master surgical solutions for different types of tumors
- Avoid surgical complications/danger zones

Faculty

Chair: Mihaela Leventer
Speakers: Severin Läuchli, Glenn Goldman, Kee-Yang Chung, Tiberiu Tebeica
Tutors: Vanessa Lichon, Alexandra Zota, Anca Stanciu
Assistants: Catalin Stoian, Laura Baci

Programme

Saturday, 08 June 2024

Short theory and surgical experience

09.00-10.00 Welcome and Introduction

- How is organized a Mohs unit - *Mihaela Leventer*
- When and why is indicated Mohs surgery - *Kee-Yang Chung*
- Cutaneous anatomy as it relates to dermatologic surgery - *Vanessa Lichon*

10.00-10.30 Coffee Break

10.40-11.15 What happens in the surgery room - *Severin Läuchli*

10.40-11.16 What happens in the histopathology lab - *Tiberiu Tebeica*

10.50-11.15 Cases discussions before surgery (problems that can occur) - 4 cases

11.15 -12.30 *Practical experience from the surgery rooms and lab (All)*

Case 1 (patient with basal cell carcinoma located on the dorsum nasi) - *Mihaela Leventer*

- Live OR first stage of the surgical intervention (20 min)
- Photos for orientation of the specimen, how to dress the wound (theoretical part)
- Live Histopathology laboratory (Mapping, Grossing, Inking, Cryostat) - *Tiberiu Tebeica*
- Mapping, Grossing, Inking, Cryostat - Theoretical - *Miruna Craescu*
- Sectioning, Staining Frozen Sections, Mohs Slide reading - *Tiberiu Tebeica*
- Defect Reconstruction

12.30-12.40 Perioral reconstruction - *Severin Lauchli*

12.40-12.50 Ear reconstruction - *Glenn Goldman*

12.50-13.00 Scalp reconstruction - *Kee Young Chen*

13.00-14.00 Light Luncheon

14.00-18.00 *Practical experience from the surgery rooms and lab (All)*

Participants will see on the screen the direct transmission from the surgery rooms and will observe: the plan of surgery, the design, the excision, the tissue preparation in the lab, the map, the histological aspects, the reconstruction

Case 2 (recurrent basal cell carcinoma on the left nasal sidewall) - *Glenn Goldman*

Case 3 (left eyebrow basal cell carcinoma) - *Kee-Yang Chung*

Case 4 (lower eyelid basal cell carcinoma) - *Severin Läuchli*

16.00-16.30 Coffee Break

20.00-22.00 **Networking Dinner with participants and faculty members**
(*Casa Doina, Str. Pavel D. Kiseleff 4, Bucharest*)

Sunday, 09 June 2024

Explore what happens in Mohs Lab and exercise to recognize different histological aspects

08.00-09.00 Basic Mohs technique from the perspective of histology laboratory-
Tiberiu Tebeica

- Specimen mapping
- Cryostat vs. paraffin sections
- The use of immunostaining in Mohs surgery
- Indications for Mohs surgery based on histologic subtype and anatomic location of cutaneous tumors
- Histopathology of cutaneous tumors – vertical section (classical pathology) vs. horizontal section approach (Mohs pathology)

Practical experience from the surgery rooms and lab (All)

09.00-09.10 Cases discussions before surgery (problems that can occur) - 2 cases

09.10-10.00 **Case 1 - Patient with infiltrative basal cell carcinoma located on the chin –**
Kee-Yang Chung

10.00-10.30 **Case 2 - Patient with lower eyelid carcinoma with tarsal invasion - *Glenn Goldman***

10.30 -11.00 Coffee Break

- 11.00-11.30 Tips and tricks in the histopathology of skin tumors.
Quiz based on histopathological slides (5 histopathological slides)
- 11.30-13.00 Additional stages and reconstructions
Extra: Chin reconstruction (*Alexandra Zota*) and eyelid reconstruction (*Anca Stanciu*)
- 13.00-14.00 **Light Luncheon**
- 14.00-15.00 How to start being a Mohs surgeon? What are the rules in the EU, USA, and Asia?
Severin Läuchli, Glenn Goldman, Kee-Yang Chung, Vanessa Lichon, Mihaela Leventer - Group discussion
- 15.00 -15.30 How to avoid complications in skin surgery? - *Severin Läuchli*
How to manage complications - *Glenn Goldman*
- 15.30 -16.00 Live reconstructions
- 16.00-16.30 **Coffee Break**
- 16.30-18.00 Difficult cases, difficult reconstructions; When we should refer the case –
Severin Läuchli Glenn Goldman, Kee-Yang Chung, Vanessa Lichon, Mihaela Leventer
- 18.00 Tour of the clinic

Monday, 10 June 2024

- 09.00-09.15 Buying a Mohs equipment - *Mihaela Leventer*
Maintaining a Mohs equipment - *Tiberiu Tebeica*
- 09.15-09.30 Mohs in squamous cell carcinoma – indications and limits – *Glenn Goldman*
- 09.30-10.30 All together: cases from the audience
- 10.30-11.00 **Coffee Break**
- 11.00- 12.00 Pitfalls in Mohs micrographic surgery in the lab and in the surgery room.
Severin Läuchli Glenn Goldman, Kee-Yang Chung, Vanessa Lichon, Mihaela Leventer, Tiberiu Tebeica
- 12.00 **Close of the course**

The programme might be subject to changes.

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