Laser Medicine
Residents and specialists Course | 25-27 August 2022 | Geneva, Switzerland

Description
Laser medicine is an integral part of the dermatological armamentarium and is used to treat medical conditions and aesthetic concerns alike. Unfortunately to this date university-based teaching of the complete field of laser medicine is still not possible in a large number of universities due the purchasing and maintenance costs of multiple devices. In this course well-seasoned laser practitioners will share decades of personal experience and will be given the opportunity to explain, which dermatological indications respond well to laser therapy, and which do not.

Learning Objectives
1. Basic understanding of the physics and theories of laser medicine
2. Basic comprehension of dermatological conditions treatable with laser medicine
3. Satisfying 50/50 combination of theoretical and hands-on teaching

Faculty
Speakers: Hans-Joachim Laubach, Ashraf Badawi, Joeri Pünchera, Albert Wolkerstorfer
Tutors: David Alvarez, Egle Janusonythe, Giuseppe Russo

Programme
Thursday, 25 August 2022

13:45 – 14:00 Opening remarks and introduction
14:00 – 14:45 The basics of ablative laser techniques - Hans-Joachim Laubach
14:45 – 15:30 The basics of fractional photothermolysis - Joeri Pünchera
15:30 – 16:00 Coffee break and change of room
16:00 – 18:00 Practical session I:
- Understanding ablative techniques on skin samples, coagulation, ablation, tissue dissection
  Joeri Pünchera and David Alvarez
- Understanding fractional ablative photothermolysis
  Albert Wolkerstorfer and Giuseppe Russo
- Understanding fractional non-ablative photothermolysis
  Hans-Joachim Laubach
- Understanding ablative laser techniques on skin samples, coagulation, ablation, tissue dissection
  Ashraf Badawi and Egle Janusonythe
Friday, 26 August 2022
08:30 – 9:00 The basics of selective photothermolysis - Hans-Joachim Laubach
09:00 – 9:45 Laser and pigmented lesions: Good and bad indications - Albert Wolkerstorfer
09:45 – 10:30 Laser and Vascular Lesions - Albert Wolkerstorfer
10:30 – 11:00 Coffee break and change of rooms
11:00 – 13:00 Practical session II:
- Understanding selective photothermolysis by hands-on session - q-switched Nd:YAG laser
  Ashraf Badawi and Giuseppe Russo
- Understanding selective photothermolysis by hands-on session - pulsed dye laser
  Joeri Punchera
- Understanding selective photothermolysis by hands-on session long-pulsed alexandrite and Nd:YAG
  Albert Wolkerstorfer and David Alvarez
- Understanding selective photothermolysis by hands-on session with IPL - Hans-Joachim Laubach and Egle Janusonyte

13:00 – 14:30 Lunch Break
14:30 – 15:30 Energy-based devices: RF, US and others - Ashraf Badawi
15:30 – 16:00 Laser and Aesthetic Indications - Ashraf Badawi
16:00 – 16:15 Coffee Break
16:15 – 17:00 Medical Indications of Laser Medicine - Albert Wolkerstorfer
17:00 – 17:45 Case Presentations
19:30 Networking Dinner with faculty and participants

Saturday, 27 August 2022
08:30 - 09:15 Laser & Scars: not so scary anymore - Ashraf Badawi
09:15 – 10:00 Laser Hair Removal: The basics & more - Joeri Punchera
10:00 – 10:30 Coffee Break and change of rooms
10:30 – 12:00 Practical session III:
- Selective Photothermolysis IPL/Nd:YAG/PDL
  Joeri Pünchera and Egle Janusonyte
- Traditional ablative thermolysis & fractional photothermolysis
  Albert Wolkerstorfer, Hans-Joachim Laubach and Giuseppe Russo
- Laser safety
  Joeri Pünchera and David Alvarez
12:15 – 13:00 Panel Discussion & Best-Case Award & Closing remarks

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