

Non-Invasive Imaging in Dermatology

Combined Course (Residents & Specialists) | 8-10 March 2027 | Brussels, Belgium

Description

This course aims to provide participants with a comprehensive overview of the current techniques of non-invasive skin imaging, namely dermoscopy, reflectance confocal microscopy, conventional optical coherence tomography (cOCT), line-field confocal optical coherence tomography (LC-OCT), as well as high-frequency and ultra-high frequency ultrasound.

Dermoscopic and histopathological correlations will be also part of the course. Practicality and interaction will be key characteristics of the course: differential diagnoses, clinical cases, questions, and a continuous stimulation of the audience will be provided from the speakers during their talks. Moreover, at the end of each session, there will be a “test-yourknowledge” survey with a quiz-based competition, during which participants will be able to provide their answers via their smartphones. Also, a live “hands-on-machine” experience with patients will be offered on the last day of the course. The course will end with a session dedicated to the participants, during which they will be able to present their own clinical cases for discussion with the faculty.

Learning Objectives

Participants will acquire theoretical and practical competencies in:

1. Dermoscopy
2. Reflectance confocal microscopy
3. OCT and LC-OCT
4. (Ultra) high frequency ultrasound
5. New technologies and applications, including the integration of artificial intelligence

Faculty

Chairs:	Mariano Suppa, Elisa Cinotti
Speakers:	Josep Malvehy, Giovanni Pellacani, Philippe Bahadoran
Tutors:	Jilliana Monnier, Linda Tognetti, Sandra Schuh
Local Assistants:	Lucas Boussingault, Lyna Mtimet, Dina Aktas

Programme

Monday, 8 March 2027

13:00 - 14:00	Registration
14:00 - 14:15	Introduction Mariano Suppa, Elisa Cinotti
14:15 - 15:00	Non-invasive imaging in dermatology: from colours to cells, from human to artificial intelligence Josep Malvehy

15:30 - 16:00	Dermoscopy and its histopathological correlates: a window on reality Philippe Bahadoran
16:00 - 16:30	Dermoscopy of benign and malignant melanocytic lesions Giovanni Pellacani
16:30 - 17:00	Coffee Break
17:00 - 17:30	Total body photography, dermoscopy, automation and artificial intelligence Jilliana Monnier
17:30 - 18:00	Dermoscopy of inflammatory and infectious conditions Linda Tognetti
18:00 - 18:30	Test your knowledge: a dermoscopy quiz Sandra Schuh, Jilliana Monnier, Linda Tognetti

Tuesday, 9 March 2027

08:30 - 09:15	Reflectance confocal microscopy: a new era for the diagnosis of melanocytic and non-melanocytic skin tumours Giovanni Pellacani
09:15 - 09:30	Is lentigo maligna the best application for confocal microscopy and high magnification dermoscopy? Elisa Cinotti
09:30 - 10:00	Mucosal, infectious and inflammatory conditions: the role of <i>in vivo</i> confocal microscopy Elisa Cinotti
10:00 - 10:30	Ex vivo confocal microscopy: from dermatology to pathology Josep Malvehy
10:30-10:45	Coffee Break
11:00 - 11:30	Test your knowledge: a confocal quiz! Giovanni Pellacani, Elisa Cinotti, Jilliana Monnier
11:30 - 12:15	Optical coherence tomography in dermatology: a love story – indications and limitations Sandra Schuh
12:15 - 13:00	Line-field confocal optical coherence tomography: introduction and basal cell carcinoma Mariano Suppa
13:00-14:00	Lunch Break
14:00-14:30	Line-field confocal optical coherence tomography: actinic keratosis, Bowen's disease, squamous cell carcinoma and melanocytic lesions Elisa Cinotti
14:30-15:00	Line-field confocal optical coherence tomography: melanocytic lesions Sandra Schuh
15:00-15:30	Line-field confocal optical coherence tomography of other dermatological conditions Linda Tognetti
15:30-16:15	Test your knowledge: an OCT/LC-OCT quiz Lucas Boussingault, Lyna Mtimet, Dina Aktas
16:15 - 16:30	Coffee Break
16:30-17:00	High-frequency ultrasound in skin cancer Philippe Bahadoran
17:00-17:30	High and ultra-high frequency ultrasound in hidradenitis suppurativa Mariano Suppa
17:30-18:00	High-frequency ultrasound in inflammatory, infectious, rare, and paediatric conditions Linda Tognetti
18:00 - 19:00	Piano Concert
20:00	Networking Dinner with participants and faculty members

Wednesday, 10 March 2027

09:00 - 11:00	Hands-on machines: a practical experience with patients All faculty
11:00-11:15	Coffee Break
11:15 – 12:45	All together: cases from the audience All faculty and participants
12:45 – 13:00	Closing remarks and farewell Mariano Suppa, Elisa Cinotti

The programme might be subject to changes.