IN VIVO CONFOCAL MICROSCOPY
INTRODUCTORY COURSE FOR THE EVALUATION OF MELANOCYTIC LESIONS AND SKIN TUMORS

Tutors: Prof Giovanni Pellacani, Dr. Sara Bassoli
Department of Dermatology, University of Modena and Reggio Emilia

COURSE AGENDA

THURSDAY

14.00-14.10 Introduction of the course G.Pellacani
14.10-14.30 RCM acquisition method and artifacts G.Pupelli
   Key issues: Standardisation of the imaging protocol. The aspects of the skin. Areas and patients of difficult examination under RCM. Limitations derived from intrinsic and extrinsic aspects of the technique.
14.30-15.30 Pattern analysis for melanocytic lesions and skin tumors G.Pellacani
   Key issues: Criteria of melanocytic lesions. 1. Superficial layers (general aspect, pagetoid infiltration), 2. Basal layer and dermal epidermal junction (architecture, cytology), 3. Upper dermis (cell infiltrate, cell clusters, collagen fibers)
15.30-16.00 The RCM diagnostic algorithm S.Bassoli

16.00-16.15 (Questions and coffee-break)

16.15-17.30 Interactive session: selected patients presenting equivocal skin lesions (G.Pellacani, S.Bassoli)
17.30-18.00 Discussion of the cases
FRIDAY

9.00-11.00 CLINICAL SITUATIONS I: FLAT-PALPABLE MELANOCYTIC LESIONS
Key issues: RCM in flat or slightly palpable melanocytic tumors. Differential diagnostic challenges in banal, atypical and malignant lesions

9.00-9.20 Junctional, compound, dermal nevi B.Ferrari
9.20-9.40 Atypical nevi G.Pellacani
9.40-10.40 Melanomas G.Pellacani
10.40-11.00 Spitz nevi S.Bassoli

11.00-11.15 (Questions and coffee-break)

11.15-12.30 Interactive session: selected patients presenting equivocal skin lesions (G.Pellacani, S.Bassoli)

LUNCH

14.00-18.00 CLINICAL SITUATIONS II: NON MELANOCYTIC SKIN TUMORS
Key issues: RCM in the diagnosis of non melanocytic skin tumors, particularly focused on basal cell carcinoma, actinic keratosis and in situ spinal cell carcinoma

14.00-16.00 Basal cell carcinomas and other skin tumors. S.Bassoli
15.00-16.00 Dermoscopy-confocal-histology correlations in melanocytic and non melanocytic lesions. G.Pellacani
Key issues: Methods for the dermoscopic/histopathologic correlation: Vivacam; Current knowns on RCM correlation; Evaluation of surgical margins (G. Pellacani, S. Bassoli)

16.00-16.15 (Questions and coffee-break)

16.15-17.30 Interactive session: selected patients presenting equivocal skin lesions (G. Pellacani, S. Bassoli)
17.30-18.00 Discussion of the cases
SATURDAY

9.00-11.00  CLINICAL SITUATIONS III. LESIONS ON THE FACE

Key issues: utility of RMC in the assessment of lesions on the face

9.00-10.00  Macules of the face: Lentigo maligna and differential diagnosis with solar lentigo, actinic keratoseis, seborrhoeic keratosis. S.Bassoli
10.00-10.30 Presentation of cases of lesions of the face. G.Pupelli, B.Ferrari

10.30-11.00 (Questions and coffee break)

11.15-12.15 Interactive session: selected patients presenting equivocal skin lesions
12.15-12.30 Conclusions G Pellacani

LUNCH