

Dermoscopy is nowadays the most utilized tool to evaluate patients complaining hair loss or nail disease.

Trichoscopy refers to dermoscopy of hair and scalp and permits to study hair shafts, follicular ostia, scalp skin, and blood vessels. Trichoscopy allows to evaluate several basic parameters such as the density, the diameter, hair shaft diversity, as well as the presence/absence of follicular ostia, the scalp vessels changes and other signs of hair disorders. Trichoscopy also helps clinician to predict the activity of the disease and to evaluate the response to treatments. A further use of trichoscopy is to guide the choice of the appropriate site for scalp biopsy in cases needing a histopathological evaluation. Onychoscopy, or nail dermoscopy, was initially suggested for the assessment of nail melanocytic lesions, but its use has gradually been extended to the evaluation of all nail dystrophies, becoming a routine diagnostic instrument. In daily practice, onychoscopy is used to reinforce presumptive clinical diagnoses, as well as to guide the management of different nail diseases. In most cases nail dermoscopy only permits a better visualization of symptoms already evident to the naked eye. However, in a few diseases, the technique can provide important diagnostic information. Nail dermoscopy can study all visible parts of the nail unit, but can also be utilized to observe the nail matrix, the only non-visible nail epithelium, in conjunction with intra-operative methods.

A correct trichoscopy or onychoscopy assessment of the patient requires a good knowledge of both the technique and the physiology of hair and nails.

This masterclass is aimed to provide the necessary knowledge and hair and nail physiology that allows good comprehension of the trichoscopy and onychoscopy signs. Understanding the pathophysiology of the different dermoscopy sign will then allow easy diagnosis and management of the diseases of skin appendages.

Objectives

1. The first part of the masterclass will cover the techniques to correctly perform hair and nail dermoscopy; the attendees will then perform in vivo this exam on the scalp and nails.
2. The second part will be devoted to the dermoscopy study of normal scalp and nail and the explanation of the basic onychoscopy and trichoscopy signs.
3. The last part will cover the main features of the most commonly encountered hair and nail diseases.



INTERNATIONAL MASTERCLASS

September 5th – 7th, 2024

NH Collection Roma Centro – Via dei Gracchi 324, Roma

Scientific Coordinators: Prof Bianca Maria Piraccini, Dr Michela Starace

www.onytrichoscopy.org
info@onytrichoscopy.org

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MEETER
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THURSDAY

- 8.30 Participants registration
- 9.00 **MODULE 1: Intro**
Trichoscopy techniques *B.M. Piraccini*
Onychoscopy techniques *M. Starace*
- 10.45 *Coffee break*
- 11.15 **MODULE 2: Basic trichoscopy signs - B.M. Piraccini**
Shaft - Ostia - Skin - Vessels
- 13.00 *Light Lunch*
- 14.00 **MODULE 3: Basic onychoscopy signs - M. Starace**
Surface - Color - Detachment
Distal margin - Periungual tissues
- 15.45 *Coffee break*
- 16.15 **MODULE 4: Specific trichoscopy and onychoscopy**
Pull test trichoscopy *B.M. Piraccini*
Onychoscopy after removal onycholytic nail plate *M. Starace*
Capillaroscopy *M. Starace*
Trichoscopy guided-biopsy *B.M. Piraccini*
- 18.00 *Conclusion*

FRIDAY

- 9.00 **MODULE 5: Non cicatricial alopecia**
Alopecia areata *B.M. Piraccini*
Androgenetic alopecia *M. Starace*
Telogen effluvium *M. Starace*
Tricotillomania *B.M. Piraccini*
- 10.45 *Coffee break*
- 11.15 **MODULE 6: Cicatricial alopecia**
LPP and its variants *B.M. Piraccini*
Discoid lupus erythematosus and connectivities *M. Starace*
Folliculitis decalvans *B.M. Piraccini*
- 13.00 *Light lunch*

- 14.00 **MODULE 7: Scalp conditions**
Tinea capitis *B.M. Piraccini*
Psoriasis *M. Starace*
Seborrheic dermatitis *B.M. Piraccini*
Management of scalp eczema: contact and atopic dermatitis *M. Starace*
- 15.45 *Coffee break*
- 16.15 **MODULE 8: Uncommon alopecia**
Dissecting cellulitis *B.M. Piraccini*
Erosive pustulosis of the scalp *M. Starace*
Hair diseases typical of children *M. Starace*
- 18.00 *Conclusion*

SATURDAY

- 9.00 **MODULE 9: Inflammatory nail diseases**
Psoriasis *B.M. Piraccini*
Parakeratosis pustulosa *B.M. Piraccini*
Lichen planus *B.M. Piraccini*
Lichen striatus *M. Starace*
Contact dermatitis *M. Starace*
- 10.45 *Coffee break*
- 11.15 **MODULE 10: Infective nail diseases**
Viral diseases *M. Starace*
Bacterial diseases *B.M. Piraccini*
Mycotic diseases *B.M. Piraccini*
Parasitic diseases *M. Starace*
- 13.00 *Light lunch*
- 14.00 **MODULE 11: Nail tumors**
Benign nail tumors *M. Starace*
Malignant nail tumors *B.M. Piraccini*
- 15.45 *Coffee break*
- 16.15 **MODULE 12: Case-based summary**
B.M. Piraccini, M. Starace
- 18.00 *Conclusion - Final Ceremony*