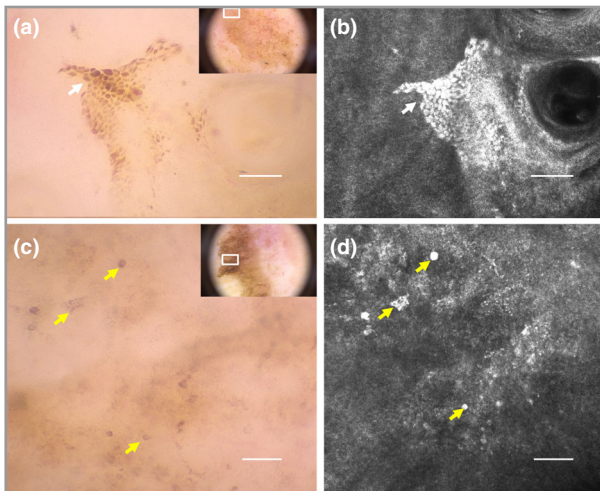


Image Correspondence

Image Gallery: Super-high magnification dermoscopy can identify pigmented cells: correlation with reflectance confocal microscopy

DOI: 10.1111/bjd.17781

DEAR EDITOR, Dermoscopy (at 400×; Medicam 1000, Fotofinder, Bad Birnbach, Germany, field of view 0.5625 mm²) can identify pigmented cells.¹ Keratinocytes of solar lentigo appear as light brown polygons (Fig. 1a, arrow, scale bar 100 μm; inset: 20× dermoscopy); a rectangle indicates the area observed at 400×) and correlate with hyper-reflective homogeneous cells at reflectance confocal microscopy (RCM, Fig. 1b, arrow).² Melanocytes of melanoma appear as pigmented roundish irregular structures (Fig. 1c, arrow; inset: 20× dermoscopy) and correlate with pagetoid cells at RCM (RCM, Fig. 1d, arrows). It took 15 min to overlap the dermoscopic and RCM images. Dermoscopy (at 400×) could be used to improve the diagnostic accuracy of conventional dermoscopy.




¹Department of Medical, Surgical and Neurological Science, Dermatology Section, University of Siena, S. Maria alle Scotte Hospital, Viale Bracci 16, 53100 Siena, Italy

²Department of Dermatology, Skin Center Senigallia, 60019 Senigallia, Italy

³Department of Anatomic Pathology, Macerata Hospital, 62100 Macerata, Italy

⁴Department of Dermatology, University Hospital of Saint-Etienne, 42055 Saint-Etienne, France

E-mail: elisacinotti@gmail.com

E. CINOTTI¹ 
R. ROSSI²
G. FERRARA³
L. TOGNETTI¹
P. RUBEGNI¹
J.L. PERROT⁴

References

- 1 Dusi D, Rossi R, Simonacci M, Ferrara G. Image Gallery: the new age of dermoscopy: optical super-high magnification. *Br J Dermatol* 2018; **178**:e330.
- 2 Cinotti E, Perrot J-L, Labeille B et al. Solar lentigo diagnosed by reflectance confocal microscopy. *Ann Dermatol Venerol* 2014; **141**:71–3.

Funding sources: no external funding.

Conflicts of interest: none to declare.