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Anal melanosis diagnosed by reflectance confocal microscopy.

Cinotti E, Chol C, Perrot JL, Labeille B, Forest F, Cambazard F., Australas J Dermatol. 2013 Sep 5. doi: 10.1111/ajd.12096.

ABSTRACT

Until now, in vivo reflectance-mode confocal microscopy (IVCM) has been applied only to pigmented lesions of the vulvar and oral mucosa, but not to anal mucosa lesions. We present the first case in which IVCM has been used to diagnose anal melanosis. Clinical and dermoscopic features were of concern while IVCM found the draped pattern already described for genital melanosis. IVCM adds information to the clinical and dermoscopic examination and allows skin biopsies to be avoided. Further studies are needed to define the IVCM features of anal melanosis and to compare the performance of IVCM with the findings of histological examinations.