

Medical > Ex Vivo > Non-Melanoma Skin Cancer

19

In Vivo and Ex Vivo Confocal Microscopy for Dermatologic and Mohs Surgeons.

Longo C, Ragazzi M, Rajadhyaksha M, Nehal K, Bennassar A, Pellacani G, Malvey Guilera J. *Dermatol Clin.* 2016 Oct;34(4):497-504. doi: 10.1016/j.det.2016.05.012.

ABSTRACT

Confocal microscopy is a modern imaging device that has been extensively applied in skin oncology. More specifically, for tumor margin assessment, it has been used in two modalities: reflectance mode (in vivo on skin patient) and fluorescence mode (on freshly excised specimen). Although in vivo reflectance confocal microscopy is an add-on tool for lentigo maligna mapping, fluorescence confocal microscopy is far superior for basal cell carcinoma and squamous cell carcinoma margin assessment in the Mohs setting. This article provides a comprehensive overview of the use of confocal microscopy for skin cancer margin evaluation. Copyright © 2016 Elsevier Inc. All rights reserved. KEYWORDS: Confocal microscopy; Ex vivo; In vivo; Mohs surgery PMID:27692455 DOI:10.1016/j.det.2016.05.012