

Medical > In Vivo > Other material

36

Fluorescence (Multiwave) Confocal Microscopy.

Welzel J, Kästle R, Sattler EC. *Dermatol Clin.* 2016 Oct;34(4):527-533. doi: 10.1016/j.det.2016.06.002.

ABSTRACT

In addition to reflectance confocal microscopy, multiwave confocal microscopes with different laser wavelengths in combination with exogenous fluorophores allow fluorescence mode confocal microscopy in vivo and ex vivo. Fluorescence mode confocal microscopy improves the contrast between the epithelium and the surrounding soft tissue and allows the depiction of certain structures, like epithelial tumors, nerves, and glands. Copyright © 2016 Elsevier Inc. All rights reserved. **KEYWORDS:** Fluorescence confocal microscopy; Fluorescent dyes; Fluorophores; Photobleaching; Quenching; Selective featuring of target structures; Staining PMID:27692459DOI:10.1016/j.det.2016.06.002