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Telediagnosis with Confocal Microscopy: A Reality or a Dream?

Witkowski A, ?udzik J, Soyer HP. *Dermatol Clin.* 2016 Oct;34(4):505-512. doi: 10.1016/j.det.2016.05.013.

ABSTRACT

Reflectance confocal microscopy (RCM) is becoming more popular among dermatologists aiming to improve their bedside diagnostic accuracy and reduce unnecessary removal of benign cutaneous lesions. With increased interest in the field, limitation of experts, and dedicated training programs, telemedicine application to RCM (teleconfocal) helps to connect patients with experts at a distance. Diagnostic accuracy of store-and-forward telemedicine review of RCM images, patient safety, and cost-effectiveness are important considerations for proper acceptance and usage of the technology in the medical community. Copyright © 2016. Published by Elsevier Inc. KEYWORDS: Confocal microscopy; Dermoscopy; Tele-confocal; Teledermatology; Telemedicine PMID:27692456 DOI:10.1016/j.det.2016.05.013