

Medical > In Vivo > Ophthalmology

7

In vivo confocal microscopy of pine processionary caterpillar hair-induced keratitis.

Jullienne R1, He Z, Manoli P, Grivet D, Cinotti E, Perrot JL, Labeille B, Cambazard F, Gain P, Thuret G. *Cornea*. 2015 Mar;34(3):350-2. doi: 10.1097/ICO.0000000000000360.

ABSTRACT

PURPOSE: Multimodal imaging of processionary caterpillar hair-induced keratitis with anterior segment optical coherence tomography and in vivo confocal microscopy. **METHODS:** Case report. **RESULTS:** A 25-year-old woman presented with acute keratitis induced by multiple tiny processionary caterpillar hairs. She initially experienced severe pain and moderate vision loss, which gradually improved within a few weeks. Diagnosis was confirmed by in vivo confocal microscopy showing a pathognomonic image strictly comparable with ex vivo microscopy photography. **CONCLUSIONS:** To the best of our knowledge, this is the first case of corneal in vivo confocal imaging of a caterpillar hair with confirmation by ex vivo microscopy. PMID:25603232 [PubMed - indexed for MEDLINE]