Dermatoscopy and in vivo reflectance confocal microscopy are noninvasive techniques that provide a horizontal approach, with an en face view of the skin structures. Both techniques assist in the clinical diagnosis of a variety of inflammatory and infectious cutaneous disorders. In many cases, they have shown concordance. Their combined use represents, in several instances, a promising option to reach the final diagnosis without the need for invasive procedures. Copyright © 2018 Elsevier Inc. All rights reserved. KEYWORDS: Dermatoscopy; Histopathology; Nonmelanocytic disorders; Reflectance confocal microscopy PMID: 30201157 DOI: 10.1016/j.det.2018.05.015