

Images/Instrument in Dermatology/Dermatosurgery

## Dermoscopic utility in foreign body recognition and its removal

Balachandra S. Ankad<sup>1</sup> , Sahana S. Hurakadli<sup>1</sup>

<sup>1</sup>Department of Dermatology, S Nijalingappa Medical College, Bagalkot, Karnataka, India.



**\*Corresponding author:**

Dr. Balachandra S. Ankad,  
Professor, Department of  
Dermatology, S. Nijalingappa  
Medical College, Near APMC,  
Navanagar, Bagalkot - 587 102,  
Karnataka, India.

drbsankad@gmail.com

Received : 28 March 2023

Accepted : 08 May 2023

Published : 08 June 2023

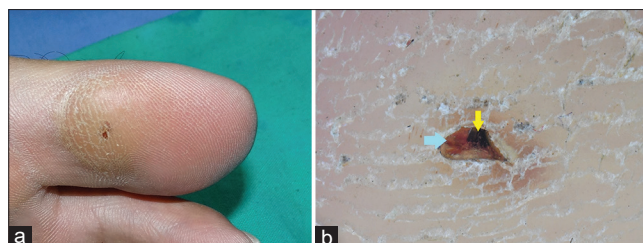
DOI

10.25259/CSDM\_78\_2023

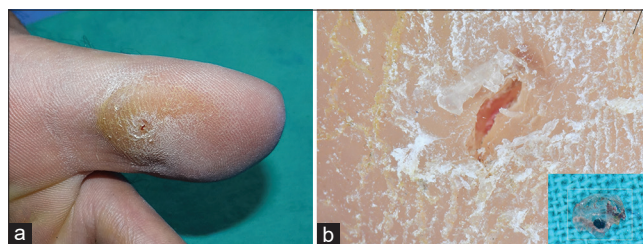
Quick Response Code:



A 48-year-old male presented with pain over base of the left great toe while walking for 2 months. There was history of walking barefoot outside his newly built home. Examination revealed a deep-seated tiny ulcer [Figure 1a]. Dermoscopy with DermLite Foto Pro II with  $\times 10$  magnification showed intracutaneous red area and black structure [Figure 1b]. Possibility of a foreign body was thought. Grating sound was felt after inserting a needle. It was removed with a forceps. Repeat clinical and dermoscopy was done to check for any remnants [Figure 2a and b]. It was



**Figure 1:** (a) Clinical image shows tiny deep excoriation on the plantar aspect of left great toe. (b) Dermoscopy shows red (blue arrow) and black (yellow arrow) structures corresponding to ulcer and foreign body respectively. (DermLite Foto Pro II, Polarized, Dry,  $\times 10$ ).



**Figure 2:** (a) Clinical image after removal of foreign body. (b) Dermoscopy after removal of foreign body shows red area (blue arrow) denoting the absence of foreign body. Broken glass piece (inset). (DermLite Foto Pro II, Polarized, Dry,  $\times 10$ ).

This is an open-access article distributed under the terms of the Creative Commons Attribution-Non Commercial-Share Alike 4.0 License, which allows others to remix, transform, and build upon the work non-commercially, as long as the author is credited and the new creations are licensed under the identical terms.

©2023 Published by Scientific Scholar on behalf of CosmoDerma

completely removed and identified as a broken glass piece [Figure 2b, inset]. This report highlights the importance of dermoscopy in identifying the structure, and distinguishing it from common conditions such as plantar warts or hematoma. Thus, it is utilized in the better management of the condition.

#### **Declaration of patient consent**

The authors certify that they have obtained all appropriate patient consent.

#### **Financial support and sponsorship**

Nil.

#### **Conflicts of interest**

There are no conflicts of interest.

**How to cite this article:** Ankad BS, Hurakadli SS. Dermoscopic utility in foreign body recognition and it's removal. *CosmoDerma* 2023;3:91.