

## Visual Treats in Dermatology

# Patterned depigmentation over the dorsum of feet

Arunachalam Narayanan<sup>1</sup>, Spandana D Krishnamurthy<sup>1</sup>

<sup>1</sup>Department of Dermatology and STD, Jawaharlal Institute of Postgraduate Medical Education and Research, Gorimedu, Puducherry, India.



**\*Corresponding author:**

Arunachalam Narayanan,  
Department of Dermatology  
and STD, Jawaharlal Institute  
of Postgraduate Medical  
Education and Research,  
Gorimedu, Puducherry, India.

[narayanan359@gmail.com](mailto:narayanan359@gmail.com)

Received : 02 February 2022

Accepted : 02 February 2022

Published : 15 February 2022

**DOI**

10.25259/CSDM\_16\_2022

**Quick Response Code:**



A 45-year-old female patient presented with well-defined depigmentation over the dorsum of her bilateral feet for 2 years [Figure 1]. Multiple spots of the normal skin color of variable sizes were present within the depigmented macules. Initially, the patient started developing spots of depigmentation underneath the straps of her plastic footwear which gradually increased in size and coalesced to result in the current presentation. Based on the history and characteristic clinical presentation, we made a diagnosis of chemical leukoderma. Chemical leukoderma occurs after contact with chemicals (e.g., substituted phenols and catechols).<sup>[1]</sup> They have a selective lethal effect on functional melanocytes in patients with inherent susceptibility. They can be identified by the characteristic development of multiple confetti or pea-sized macules. These lesions are resistant to treatment.



**Figure 1:** Well-defined depigmentation over the dorsum of the bilateral feet in the area of contact with footwear.

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.

© 2022 Published by Scientific Scholar on behalf of CosmoDerma

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

Patient's consent is not required as there are no patients in this study.

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

Nil.

#### **Conflict of interest**

There are no conflicts of interest.

#### **Reference**

1. Bajaj AK, Saraswat A, Srivastav PK. Chemical leucoderma: Indian scenario, prognosis, and treatment. Indian J Dermatol 2010;55:250-4.

**How to cite this article:** Narayanan A, Krishnamurthy SD. Patterned depigmentation over the dorsum of feet. CosmoDerma 2022;2:13.