



Images in medicine

## Keratoderma palmoplantar varians

### Queratodermia palmoplantar *varians*

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A 19-year-old male came to our clinic with hyperkeratotic lesions located on the palms and soles present at birth. These injuries were more intense in areas of friction, which caused the appearance of fissures and intense pain when he walked. The mother reported that she herself and her father have the same type of skin lesions. Physical examination showed a thick and compact keratoderma on the soles, predominantly in the head of the first and fifth metatarsals, hallux toe and heels, on a horseshoe shape; the plantar arch was spared and the areas with less friction showed skin with a papery appearance (Fig. 1). On the palms, lesions were more discrete with linear arrangement, preferentially affecting the support areas and flexor surfaces of the fingers. The histological analysis was characterized by marked hyperkeratosis with focal parakeratosis, intense hypergranulosis, and acanthosis. The clinical diagnosis was palmoplantar focal keratoderma varians. The patient was treated with local treatments with keratolytic agents, emollients, and corticosteroids, as well as systemic therapy with oral retinoids, but no response was obtained.



**Fig. 1.** General appearance of compact plantar keratoderm on both feet.

### Ethical consideration

Patient written informed consent was obtained.

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### **Ethical committee**

Comité de Investigación de la UDEM.

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### **Declaration of competing interest**

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