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Case Report

Widespread Warts in a Child with Atopic Dermatitis -

R Chaoui*, S El Kadiri, S Oukarfi, Z Douhi, S Elloudi, H Baybay and FZ Mernissi

Department of Dermatology, University Hospital Hassan II, Fez, Morocco

***Address for Correspondence:** Chaoui Rhizlane, Department of Dermatology, University Hospital Hassan II, Fez, Morocco, E-mail: chaoui.rhizlane@gmail.com

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KEYWORDS

Warts; Dermoscopy; Atopic dermatitis

CASE REPORT

A 5-year old boy, with an established diagnosis of atopic dermatitis, previously treated by topical corticosteroids and emollient cream with a good improvement, developed widespread papules on his legs, hands and forearm that appeared 5 months ago.

Clinical examination revealed moderate xerosis with multiple round, dome-shaped, skin colored papules, 5 to 10 mm in diameter on the legs, left hand and forearm, suggestive of verruca vulgaris (Figure 1).

Dermoscopy of the lesions showed frogspawn appearance (Figure 2A), light brown background, red dots with regular distribution (Figure 2B).

The patient was treated by cryotherapy.

DISCUSSION

Warts are benign intra epidermal proliferation that are caused by infection with human papillomavirus [1]. They are more common in children and adolescents.

Susceptibility to cutaneous bacterial, viral, or fungal infections (such as warts, molluscum contagiosum, staphylococcus aureus) has been linked to atopic dermatitis in which disruption of barrier function allows easier access for the infective agents [2].

Dermoscopy is a non-invasive tool that helps to make the diagnosis of cutaneous warts according to the clinical pattern in vulgaris, flat, palmo-plantar and genital.

Various dermoscopic features of cutaneous warts are described: dense papillae centered by red loops surrounded by whitish halos, frogspawn appearance, light brown background and red dots with regular distribution [3].

CONTRIBUTIONS OF AUTHORS

All authors contributed to the writing of this article. The authors also state that they have read and approved the final version.

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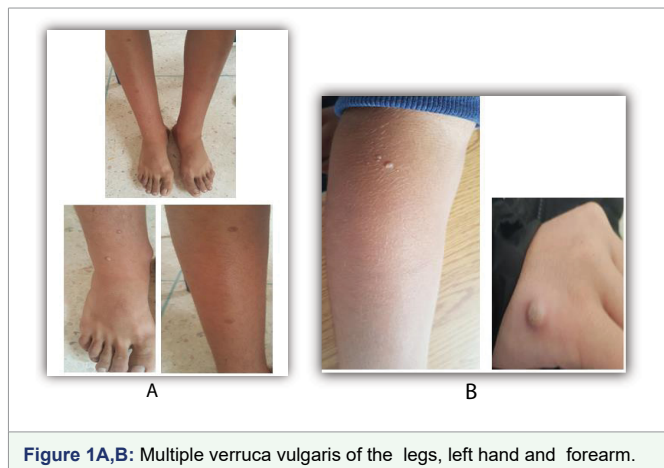


Figure 1A,B: Multiple verruca vulgaris of the legs, left hand and forearm.

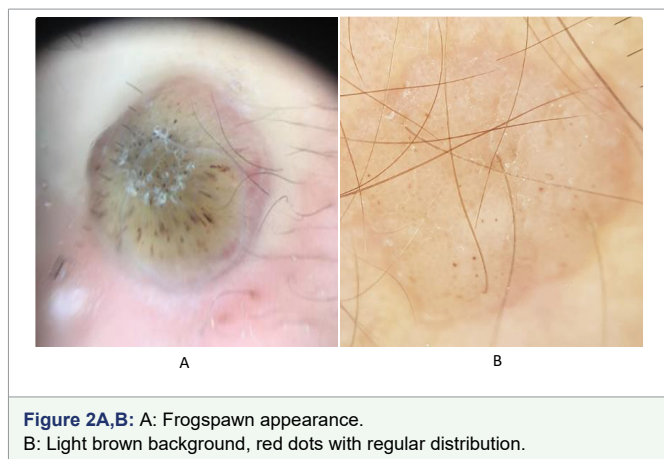


Figure 2A,B: A: Frogspawn appearance.
B: Light brown background, red dots with regular distribution.