Pityriasis Lichenoides in a 9-Month-Old Boy

Pityriasis Liquenoide en un Lactante De 9 Meses

To the Editor:

Pityriasis lichenoides (PL) is a skin disease of unknown origin that is characterized by scaling papules. It is relatively common in childhood but very rare in the first year of life, with just 9 cases described in the literature.

We report the case of a 9-month-old boy with no personal or family history of interest who was seen in our department for generalized skin lesions that had been present for a week. The patient was afebrile and had no other symptoms or known history of prior infection. Physical examination revealed papular scaling, erythematous-brownish lenticular lesions on the trunk and proximal extremities (Fig. 1). There was no mucosal involvement and the physical examination was otherwise normal. Histology showed a deep, perivascular lymphohistiocytic inflammatory infiltrate, with fibrinoid necrosis in the vessel walls and involvement of the dermal-epidermal junction. In the epidermis there was diffuse parakeratosis, focal exocytosis, isolated necrotic keratinocytes, and small foci of necrosis (Fig. 2). Immunohistochemical staining with anti-S100 protein and CD1 antibodies was negative. Based on the clinical and histologic findings, we diagnosed PL and prescribed topical corticosteroid therapy (methylprednisolone aceponate), which resulted in slight improvement of the lesions. The condition improved spontaneously over the following months, leaving residual postinflammatory hypopigmented macules.

PL is an inflammatory disease of unknown origin. There have been some reports of T-cell clonality, suggesting that the condition is either the result of an immune response to an as yet unidentified infectious agent or a cutaneous T-cell lymphoproliferative disorder. However, because progression to cutaneous T-cell lymphoma is so rare in children, additional genetic factors would probably need to be present. There are 2 clinical variants of PL: pityriasis lichenoides chronica and pityriasis lichenoides et varioliformis acuta (PLEVA). However, acute and chronic lesions may coexist. Histologic findings may also vary according to the clinical variant, but they do not always correlate with clinical morphology. Prognosis is excellent, and while PL can last for months, or even years, progression to T-cell lymphoma is very rare.

Figure 1 Erythematous, scaling papules on the trunk and proximal extremities.

Figure 2 A, Deep perivascular lymphohistiocytic inflammatory infiltrate with involvement of the dermal-epidermal junction (hematoxylin-eosin, original magnification ×10). B, Detail showing interface alteration, fibrinoid necrosis in the vessel walls, and isolated necrotic keratinocytes (hematoxylin-eosin, original magnification ×40).

Periungual Acral Fibrokeratoma: Surgical Excision Using a Banner Flap

Fibroqueratoma acral periungual: exéresis quirúrgica en bandera

To the Editor

The surgical treatment of periungual tumors is complicated by the risk of causing irreversible nail dystrophy. However, incomplete resection leads to a high risk of recurrence, and surgery must therefore eliminate the whole tumor while preserving the germinal cells of the nail matrix.

We present the case of a 31-year-old man who was seen in outpatients for a firm, pink, digitiform tumor of about 5 × 3 mm that had been present on the fifth toe of the left foot for about 5 months (Fig. 1). The base of the lesion was beneath the eponychium but above the nail plate. The patient did not recall any history of trauma, and there was no family history or presence of other lesions suggestive of tuberous sclerosis. The clinical diagnosis was periungual fibroma and, as the patient reported discomfort due to friction against his footwear, it was decided to excise the lesion as an elective procedure.

The operation was performed under local anesthesia with 2% mepivacaine, and a glove was tied around the proximal part of the digit as a tourniquet to provide a bloodless

References


M.T. López-Villaescusa, a Á. Hernández-Martin, b,* I. Colmenero, a A. Torrelodones

a Servicio de Dermatología, Complejo Hospitalario Universitario de Albacete, Albacete, Spain
b Servicio de Dermatología, Hospital Infantil Niño Jesús, Madrid, Spain
c Servicio de Anatomía Patológica, Hospital Infantil Niño Jesús, Madrid, Spain

* Corresponding author. E-mail address: ahernandez.hnj@yahoo.es (Á. Hernández-Martín).

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