

A Pruritic Linear Eruption After an Arthropod Bite

Erupção Linear Pruriginosa Após Picada de Artrópode

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Figure 1 – (A) Linear erythematous streak from the lower abdomen to the right axilla; (B) A close-up of the area of the insect bite

A 25-year-old woman presented with a pruritic linear eruption on the anterior wall of the trunk that appeared 24 hours after a mosquito bite on the lower abdomen. On examination, one red streak starting from the area of the bite towards the right axillary fold was observed (Fig. 1). She denied any systemic symptoms and there were no palpable lymph nodes. Her medical history was unremarkable.

The anamnesis and the distinctive configuration of the lesion supported the diagnosis of insect bite-induced superficial lymphangitis. The patient was successfully treated

with a one week course of oral antihistamines.

Superficial lymphangitis after an insect bite is an under-recognized entity,¹ in which acute lymphangitis presents without fever and lymphadenopathy.^{1,2} To date, there are only a few cases reported.¹⁻⁵ The pathogenesis presupposes a toxic or hypersensitivity reaction to insect toxins,³ which enter the lymphatic draining vessels and result in a linearly disposed inflammatory reaction of the overlying skin.

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AUTHOR CONTRIBUTIONS

ASP: Literature research, draft of the paper.

RC: Data acquisition and interpretation.

JCC: Critical review of the manuscript.

PROTECTION OF HUMANS AND ANIMALS

The authors declare that the procedures were followed according to the regulations established by the Clinical Research and Ethics Committee and to the Helsinki Declaration of the World Medical Association updated in 2013.

DATA CONFIDENTIALITY

The authors declare having followed the protocols in

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use at their working center regarding patients' data publication.

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COMPETING INTERESTS

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