

Hordeum murinum induced pustular irritant contact dermatitis

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Key clinical message: Plant induced contact dermatitis is very rare. We describe the case of two siblings with *Hordeum murinum* induced pustular irritant contact dermatitis.

Key words: allergology, *Hordeum murinum*, contact dermatitis, patch test.

We describe the cases of two siblings, aged 8 and 10 years, who consulted with multiple yellowish pustules and well-demarcated erythema on the face (Figure 1). The eruption started a few hours after accidental exposure to a plant, named *Hordeum murinum*, while they were playing in the garden (Figure 2). The mother mentioned that this had been their first exposure to this plant. There were no other lesions either on the skin or on mucosae. Laboratory findings were without abnormalities. There was no bacterial growth in a culture of a pustular specimen. The patients were treated with a short course of topical corticosteroids. A resolution of the skin lesions was achieved within a few days. Five weeks after the resolution of dermatitis, the patients were patch tested with wetted and pounded leaves and petals of *H. murinum*.¹ Readings were performed on the day (D)2, D4, and D7 and showed negative results.¹ So, we diagnosed the patients with *H. murinum*-induced pustular irritant contact dermatitis.

Authors' contributions:

Nesrine Ben Salah: Conceptualization; data curation; formal analysis; investigation; methodology; resources; validation; visualization; writing-original draft; writing-review and editing.

Mohamed Ben Rjeb: Conceptualization; data curation; formal analysis; investigation; methodology; resources; validation; visualization; writing-original draft; writing-review and editing.

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Jameleddine Zili: Investigation; methodology; project administration; resources; supervision; validation; visualization; writing-original draft.

References:

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Figure legends:**Figure 1 (A,B,C,D):** Multiple yellowish pustules and well-demarcated erythema on the face.**Figure 2:** Natural appearance of *Hordeum murinum*.

Data sharing not applicable-no new data generated



