Nine case series with phototoxic dermatitis related to Chenopodium album.


Source

Van Research and Training Hospital, Turkey.

Abstract

Chenopodium album L. ssp. album is a common plant species worldwide, especially in humid areas. Sun exposure after oral intake of the plant can lead to sunburn-like rashes owing to its furocoumarin content. In this article, we reported nine patients who developed dermatitis with edema, erythema and necrosis on the face and dorsum of the hands. Each was exposed to sunlight after eating selemez (the vernacular name of C. album L. ssp. album). The plant samples analyzed by an expert botanist were described as C. album L. ssp. album belonging to Chenopodiaceae family.

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Phototoxic dermatitis due to Chenopodium album in a mother and son.


Source

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Abstract

Chenopodium album L. subs. album (Chenopodiaceae) is an annual herb with fibrous roots. The plant grows worldwide and frequently in moist areas. Sometimes, the young parts of this plant can be cooked and eaten as a vegetable. In this article, we report a mother and her adult son, in whom phototoxic reaction developed on the sun-exposed body areas after eating this plant of Chenopodiaceae family because of rare presentation. We thought that this reaction was probably due to furocoumarins constituent within the plant.

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