

Eyebrows contact dermatitis miming angioedema

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A 27-years-old lady was admitted to the emergency department of our institute for bilateral pruritic periorbital swelling. She had no prior history of eczema or any allergic reactions. Three days before her admission, she had her brows tinted by with a black eyebrow dye containing para-phenylenediamine (PPD). Examination revealed an erythematous papulovesicular, partially crusted lesion on both eyebrows (Fig. 1). A diagnosis of a contact dermatitis was made and a course of topical desonide ointment once a day for one week resolved the eruption.



Figure 1: Bilateral pruritic periorbital swelling with papulovesicular crusted lesion of the eyebrows.

Contact dermatitis from PPD miming angioedema has rarely been reported in the literature [1,2]. The skin lesions have been reported to be erythema, erythema multiforme-like eruption, bullous contact dermatitis, pruritic, edematous, erythematous scaly patches and plaques or vesicular lesions [1].

Consent

The examination of the patient was conducted according to the Declaration of Helsinki principles.

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