Reactions 1570, p29 - 26 Sep 2015

Betamethasone dipropionate/ clotrimazole/gentamicin

Striae rubrae distensae: case report

A teenage male [age not stated] developed Striae rubrae distensae during treatment with betamethasone dipropionate/clotrimazole/gentamicin.

The teenager presented with extensive "red scars" on his lower extremities. He had scattered pink, scaly, round plaques on his medial thighs about one-half-year ago, which he believed to be ringworm infection. He had received therapy with topical betamethasone dipropionate/clotrimazole/gentamicin 0.05% cream twice daily for five consecutive months. He had purchased the cream as an OTC during a trip to Mexico. He had extensive linear, pink-to-violet, curvilinear atrophic scars on his bilateral proximal lower extremities. His lesions were suggestive of Striae rubrae distensae [duration of treatment to reaction onset and outcome not stated]. It was mentioned that his striae would likely fade somewhat but a complete resolution was unlikely.

Author comment: "This formulation of betamethasone is considered to be a high-potency, class 2 topical corticosteroid, and prolonged application resulted in this patient's striae".

Krakowski AC, et al. Striking striae from triple-threat lotion. Journal of Pediatrics 166: 775, No. 3, Mar 2015. Available from: URL: http://doi.org/10.1016/j.jpeds.2014.11.045 - USA 803142342