



Mitigation or prevention of mild hair dye contact dermatitis after pretreatment with clobetasol foam

Jace Rickstrew, BS, Ting Wang, MD, PhD, Deede Liu, MD,
Anand Rajpara, MD, and Daniel J. Aires, MD, JD
Kansas City, Kansas

Key words: ACD; allergic contact dermatitis; clobetasol foam; hair dye; hair dye dermatitis; prevention of allergic contact dermatitis; topical steroids.

THERAPEUTIC CHALLENGE

Nearly 40% of commercial hair dye users develop allergic contact dermatitis (ACD).¹ Weak ACD reactions might be augmented with repeated exposure.² Thus, stopping the cycle early might not only mitigate symptoms but also prevent progression.

SOLUTION

For patients with early, mild hair dye dermatitis, clobetasol propionate foam 0.05% is applied to the affected areas twice a day for 3 days before coloring. This application has minimal or no effect on cosmetic outcome. Hair dyes are typically reapplied every 6-10 weeks, and clobetasol foam pretreatment can be repeated before each subsequent coloring session. Pretreatment with clobetasol foam carries a lower risk for side effects than typical prolonged postcoloring use of potent topical steroids.

REFERENCES

1. Uter W, Lessmann H, Geier J, Schnuch A. Contact allergy to ingredients of hair cosmetics in female hairdressers and clients—an 8-year analysis of IVDK data. *Contact Dermatitis*. 2003;49(5):236-240.
2. McFadden JP, Yeo L, White JL. Clinical and experimental aspects of allergic contact dermatitis to para-phenylenediamine. *Clin Dermatol*. 2011;29(3):316-324.

From the University of Kansas Medical Center, Division of Dermatology.

Funding sources: None.

Conflicts of interest: None declared.

Reprint requests: Daniel J. Aires, MD, JD, 4010 Wescoe Pavilion, 3901 Rainbow Blvd, Kansas City, KS 66160. E-mail: daires@kumc.edu.

J Am Acad Dermatol 2017;77:e129.

0190-9622/\$36.00

© 2017 Published by Elsevier on behalf of the American Academy of Dermatology, Inc.

<http://dx.doi.org/10.1016/j.jaad.2017.07.021>