

〈教育セミナー〉

毛髪科学最前線—ヘアケアから再生医療まで—

ヘアケア製品（染毛剤，シャンプー，リンス）による皮膚障害

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**Skin Disorders Due to Use of Hair Care Products:
Hair Dye, Shampoo, and Conditioner**

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Abstract

Many Japanese individuals develop gray hair with age, and thus hair dye products are useful for aesthetics and everyday life. However, there has been an increase in the number of cases of contact dermatitis following the use of hair dye. Allergic contact dermatitis has been observed in many patients and some cases develop contact urticaria as an immediate hypersensitivity reaction to hair dye. It is therefore important for individuals to perform an initial strand and allergy test before using a product, and to visit a medical institution immediately if skin symptoms are seen following the use of hair dye. In my presentation, I described the actual symptoms of skin disorders induced by using hair care products, the allergens related to hair dye use, and the efforts of administrative bodies such as the Japan Hair Color Industry Association and the Skin Safety Case Information Network (SSCI-Net) website.

Key words: allergic contact dermatitis, hair coloring, isothiazolinone preservatives, *p*-phenylenediamine (PPD), SSCI-Net.