

〈ノート〉

低刺激性プロトタイプシャンプーの頭部皮膚疾患患者における使用評価
—頭部皮膚疾患患者を対象とした臨床試験—

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Clinical Trial in Patients with Scalp Dermatosi

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Abstract

Hair and scalp tend to get dirty. Excess sebum may result in dandruff, itching and unpleasant odors and causing reduced QOL. Not only healthy people, but also cutaneous diseases patients such as atopic dermatitis need to shampoo. However, shampooing itself causes irritation in their skin and disease progression. Recently excessive shampooing becomes subjects of discussion. Therefore a low-stimuli shampoo with adequate cleansing ability is desired. In this paper, we report the development of the prototype shampoo by adequately formulating mild anion, amphoteric and nonion surfactants. Consequently, it was shown the prototype shampoo possessed rich foaming ability and low skin-irritation-index. The treatment auxiliary effects were observed in more than 90% of the subjects in the clinical trial, while 9% of the subjects felt worsening on their scalp. These results suggested the prototype shampoo was suitable for the maintenance of healthy scalp, even for cutaneous disease patients.

Key words: shampoo, anion-surfactants, skin-irritation, QOL.