



PAEDIATRIC DERMATOLOGY

NEW NOURISHING BABY SKIN CARE CLEANSERS ARE WELL-TOLERATED AND BENEFICIAL FOR HEALTHY AND ECZEMA PEDIATRIC POPULATIONS

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Introduction: Harsh cleansers strip the essential stratum corneum lipids, which is particularly problematic in pediatric or atopic populations with a more vulnerable skin barrier. Newborns and atopic skin is typically associated with elevated transepidermal water loss compared to healthy adult skin, which highlights the importance of mild cleansing and preservation of skin lipids in these populations.

Objective: The objective of this research was to assess tolerance and suitability of new nourishing baby skin care cleansers in both healthy and eczema pediatric populations.

Materials and Methods: Parents or guardians provided informed consent for pediatric subjects to participate in IRB-approved studies. Pediatric subjects could be of any race or ethnicity. The studies included product usage for 2-4 weeks where the subjects' normal cleansers were replaced with nourishing cleansers with stearic acid (tip-to-toe wash, shampoo, and bars). Skin condition was assessed at baseline and following the product application phase by a dermatologist and/or pediatrician. One of the tests included an eczema population, where subjects' eligibility was determined by a dermatologist using the standardized Eczema Area Severity Index, and parents or guardians completed the children's Dermatology Life Quality Index.

Results: 730 pediatric subjects completed eight tolerance studies. All cleansing products were well-tolerated, and subjective surveys confirmed that they were mild and gentle, gently cleansed the skin, left the skin soft and smooth, and effectively moisturized the skin. In the eczema study, several quality of life factors showed improvement following product usage, including 'making my child less fussy or irritable', 'less scratching/rubbing', and 'making my child's skin less painful or irritated'.

Conclusions: These results highlight the importance of cleanser selection, for key attributes such as mildness, moisturization, and lipid replenishment. The benefits of the nourishing





cleansers were observed for several quality of life factors, as shown with the eczema pediatric population.

