

Acidic skin care product beneficial in older adults

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(HealthDay)—For older adults, an acidic skin care product with

different plant oils improves epidermal barrier formation and increases lipid lamellae in the intercellular space of the stratum corneum (SC), according to a study published online Oct. 12 in the *International Journal of Cosmetic Science*.

Jürgen Blaak, from Kneipp GmbH in Würzburg, Germany, and colleagues examined how an acidic skin care product with different plant oils affects SC function, structure, and lipid function. Transepidermal water loss, SC hydration, and skin surface pH were measured before and after a three-week application of the [skin care product](#) in [older adults](#) with [dry skin](#).

The researchers found that, compared with the untreated area, there was a significant increase in lipid lamellae in the intercellular space of the SC in the area treated with the test product. Although ceramides were not provided by the acidic test formulation, the ceramide level was found to be increased.

"Topical application of a pH 4.0 product containing plant oils improves epidermal barrier formation and SC lipid ordering and ratio in aged dry skin," the authors write.

Several authors disclosed financial ties to the cosmetic and medical device industries.

More information: [Full Text \(subscription or payment may be required\)](#)

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