

Tripeptide/hexapeptide system effective after laser resurfacing

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(HealthDay)—Use of a tripeptide/hexapeptide topical system following

fractionated CO₂ laser resurfacing is effective and well tolerated, according to a study published online March 31 in the *Journal of Cosmetic Dermatology*.

Monique J. Vanaman Wilson, M.D., from Goldman Butterwick Groff Fabi & Wu Cosmetic Laser Dermatology in San Diego, and colleagues conducted a randomized study involving 15 [women](#) aged 45 to 70 years undergoing [laser](#) resurfacing of the face. From three weeks before until 12 weeks after the procedure, the participants were randomized to use either the tripeptide/hexapeptide system (10 women) or a bland dimethicone-based ointment and petrolatum-based cream (five women). Data were analyzed from 14 women.

The researchers found that blinded investigator-rated healing was better for the tripeptide/hexapeptide system, with the difference reaching statistical significance at day seven. During the first post-procedure week, there was less erythema and exudation in the tripeptide/hexapeptide group, reaching [statistical significance](#) on day three. Subjects using the tripeptide/hexapeptide system reported less tenderness and burning/stinging on days one through 14, reaching significance on day three. Subjects using the tripeptide/hexapeptide system reported higher satisfaction on day 84, and they were more likely to recommend the treatment to others.

"Postresurfacing use of a tripeptide/hexapeptide system proved effective and well tolerated," the authors write. "Subject satisfaction was greater among those using this system, which may indicate an improved patient experience following laser resurfacing."

The study was funded by Alastin Skincare.

More information: [Abstract](#)
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