

Multigrowth factor cream speeds recovery after laser therapy

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(HealthDay)—Treatment with a multigrowth factor (MGF)-containing

cream is associated with more rapid recovery after laser ablation, according to a study published online Sept. 16 in the *Journal of Cosmetic Dermatology*.

Sungsik Shin, M.D., from the Yonsei University College of Medicine in Seoul, South Korea, and colleagues performed a randomized controlled split-face study involving 20 patients who underwent treatment using an ablative fractional laser. Patients were randomized with respect to the side of the face treated with an MGF-containing cream or control cream. Post-treatment erythema and pigmentation were assessed, and the total area of microcrusts was evaluated. Patient satisfaction and global improvement scores were also measured.

The researchers found that the MGF-treated regions had significantly smaller areas of microcrusts. MGF cream-treated sides also had significantly higher global improvement scores for post-treatment edema and wrinkles compared with the control sides.

"The MGF cream-treated regions showed a more [rapid recovery](#) from crusts and edema," the authors write. "Thus, the use of an MGF-containing cream after laser treatment can effectively reduce recovery time."

One author is a medical director of L&C Bio, which funded the study.

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