

High-energy protocol improves photoaged facial skin

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(HealthDay)—For patients with mild-to-moderate facial wrinkles, a high-

energy protocol with combined bipolar radiofrequency and infrared light energies improves facial skin, according to a study published online Feb. 8 in the *Journal of Cosmetic Dermatology*.

Michael H. Gold, M.D., from the Tennessee Clinical Research Center in Nashville, and colleagues examined a high-energy protocol with combined bipolar radiofrequency and [infrared light](#) energies for improving photoaged [facial skin](#). Seventy-two [patients](#) with mild-to-moderate facial wrinkles underwent a single full-face treatment or two treatments (54 and 18 patients, respectively) at six-week intervals.

Following a single treatment or two treatments with the enhanced-energy protocol, the researchers found that all patients achieved some degree of improvement in their wrinkles and skin appearance. At the 12- and 24-week follow-ups after treatment, 71 and 70 percent of the patients, respectively, showed improvement of one unit or greater on the Fitzpatrick Scale. At six, 12, and 24 weeks after treatment end, 87, 91, and 81 percent of patients, respectively, showed improvement under the Global Aesthetic Improvement Scale. The treatments were well tolerated and patients were satisfied with the clinical results.

"The enhanced-energy treatment protocol, with fractional bipolar radiofrequency treatment and treatment with bipolar radiofrequency combined with infrared light applications, yields significant improvement of skin texture, wrinkling, and overall appearance following a single [treatment](#)," the authors write.

The study was funded by Syneron Candela.

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