

Home-use device safe, effective for periorbital wrinkles

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(HealthDay)—A home-use device combining radiofrequency and light-

emitting diode energies is safe and efficacious for self-treatment of periorbital wrinkles, according to a study published online Dec. 2 in the *Journal of Cosmetic Dermatology*.

Michael H. Gold, M.D., from the Tennessee Clinical Research Center in Nashville, and colleagues examined the safety, efficacy, and usage compliance of the home-use [device](#) using radiofrequency and light-emitting diode energies for self-[treatment](#) of periorbital wrinkles. Thirty-three [subjects](#) performed 21 treatment sessions on alternate days over a six-week period. Two maintenance treatments were conducted at one and two months following the end of treatment. Results were compared before treatment and three months after treatment, with each subject serving as their own control. The study was completed by 30 subjects.

The researchers observed an average reduction of 1.49 Fitzpatrick scores in blinded, independent photograph assessment of three dermatologists (P

"The Silk'n Home Skin Tightening device offers a safe and effective in-home noninvasive technique to improve the appearance of age-related periorbital wrinkles," the authors write.

One author was employed by Home-Skinovations Ltd., which manufactures the Silk'n Home Skin Tightening device and funded the study.

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

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