



GLOBAL SKIN HEALTH

CLINICAL EFFICACY OF A COSMETIC SERUM FORMULATED WITH HYALURONIC ACID-STIMULATING INGREDIENTS ON SKIN ELASTICITY, FIRMNESS, WRINKLE SEVERITY AND FACIAL CONTOURS: TWO DOUBLE-BLIND CONTROLLED STUDIES

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Introduction: The appearance of slackened, sagging skin tends to become prevalent in the fourth or fifth decade of life regardless of lifestyle or environmental exposure, suggesting these signs of aging are intrinsically regulated. The proteoglycan, hyaluronic acid (HA), binds water in the dermis to create a viscous gel that occupies the micro domains of the dermal matrix, creating a “filler” that helps skin surface retain its smooth and firm appearance. As hyaluronic acid decreases with age, skin appears slackened and begins sag to along the jawline and neck, reducing facial contours. As such, dermatological procedures that inject HA into the dermis have gained popularity; however, many consumers seek topical treatments. Here, we formulated botanical extracts and peptides shown to stimulate hyaluronic acid production in vitro into a cosmetic serum specifically targeted to lift sagging skin.

Objective: To observe the efficacy of a cosmetic serum formulated with HA-stimulating ingredients to lift facial contours, improve skin firmness, elasticity, and wrinkle severity.

Materials and Methods: Two independent, double-blind, controlled clinical trials consisted of a 1 week wash out period preceding 12 weeks of twice daily topical application of the cosmetic serum over the face and neck. A total of 45 women between ages 45-65 were evaluated by visual grading and cutometer analysis, while 33 women were independently evaluated by 3-dimensional image analysis.

Results: All visibly measured attributes showed statistically significant improvements from the baseline after 4, 8 and 12 weeks of product use. Specifically, 90% of women showed improvement skin firmness and lifting along the contours of their face (cheek/ jawline.) Measured skin elasticity and wrinkle severity were also significantly improved after 8 and 12 weeks of use.





Conclusions: This cosmetic serum formulated with HA-inducing ingredients is an effective treatment to help lift the appearance of sagging skin.

