

Clinical Insights

SPONSORED BY SkinMedica

PART 3

COMBINATION OF IN-OFFICE TREATMENTS AND HA⁵ REJUVENATING HYDRATOR: A WIN-WIN SITUATION

BY SUNEEL CHILUKURI, MD, FAAD, FACMS, ELIZABETH T. MAKINO, BS, CCRA, MBA, AND VIRGINIA L. VEGA, PHD



Suneel Chilukuri, MD, FAAD, FACMS
Refresh Dermatology, Houston, TX, Director of Cosmetic Surgery



Elizabeth T. Makino, BS, CCRA, MBA
SkinMedica, Inc., an Allergan Company



Virginia L. Vega, PhD
SkinMedica, Inc., an Allergan Company

In the past decade, the number of aesthetic in-office procedures has significantly increased due to their efficacy at addressing photo-damage, hyperpigmentation and overall skin rejuvenation. In addition to high patient and physician satisfaction, these procedures often result in minimal discomfort, low incidence of adverse events and short recovery times. In-office procedures can be divided into four types: a) chemical (retinol or acid-based chemical peels), b) physical (microdermabrasion, microneedling, dermaplaning), c) injections (dermal fillers and neuromodulators) and d) energy-based (laser skin resurfacing, intense pulse light photo-rejuvenation, radio-frequency, ultrasound).

Disturbances to the superficial layers of the skin are often associated with the procedure itself and may also be attributed to their preparation (i.e., alcohol or acetone face cleaning). This may affect patient experience by increasing dryness, sensitivity and redness. SkinMedica HA⁵ Rejuvenating Hydrator combines two core technologies for instant and long-term effects. Instant effects are powered

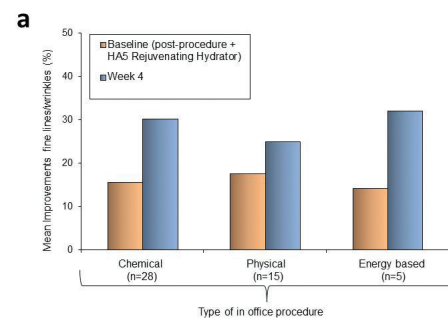


Figure 1: Improvements in the appearance of fine lines/wrinkles (a). Immediately after the procedure, HA⁵ Rejuvenating Hydrator was applied to the skin and the evaluation was performed. Statistically significant improvements were observed immediately after the chemical and physical procedures and HA⁵ Rejuvenating Hydrator application compared to baseline pre-treatment ($p \leq 0.03$; student's paired t-test). After four weeks of twice-daily use of HA⁵ Rejuvenating Hydrator, statistically significant improvements were observed in all procedure groups (all $p < 0.05$; student's paired t-test) compared to baseline pre-treatment. **(b) Standardized photographs of a 44-year-old female at baseline and post-chemical peel procedure + HA⁵ Rejuvenating Hydrator same day showing reduction in the appearance of redness.**

Clinical Insights

SPONSORED BY SkinMedica

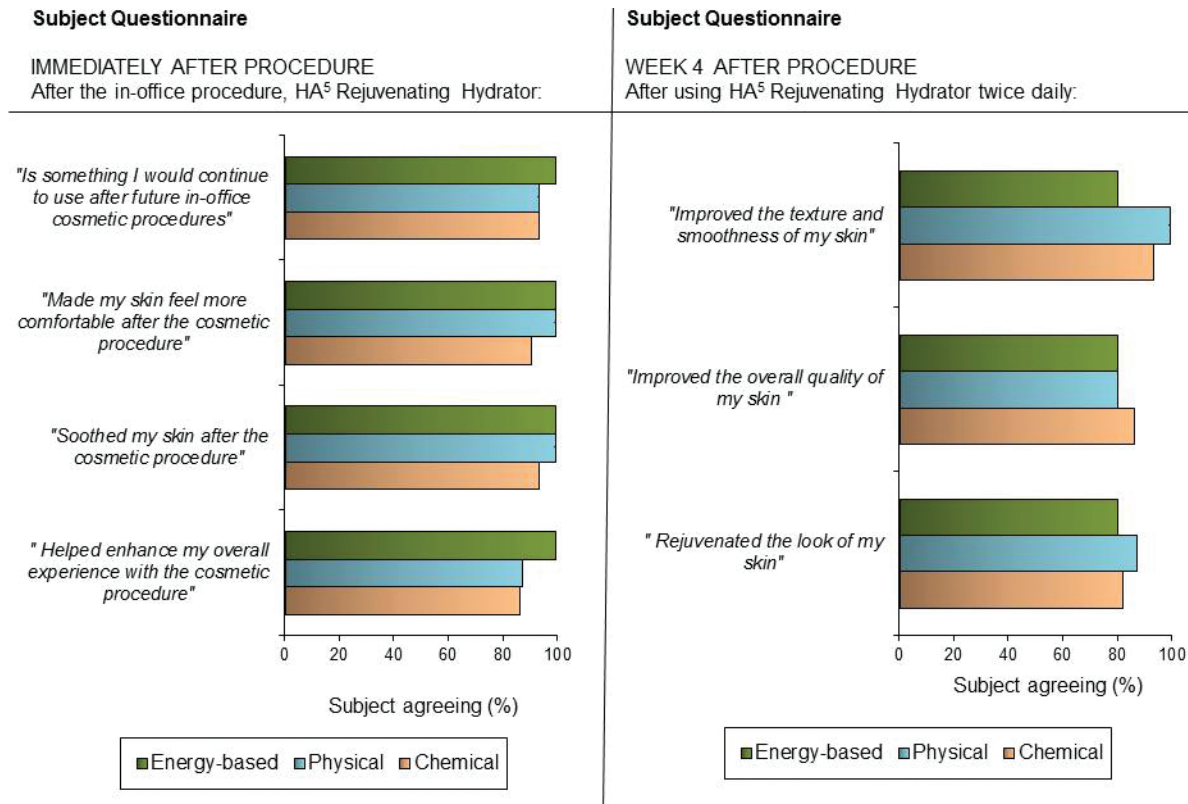


Figure 2: Subject questionnaires rating HA⁵ Rejuvenating Hydrator application immediately after in-office procedure or four weeks after an in-office procedure (twice daily). n= 28 for chemical (30-70 years old) procedures; n= 15 for physical procedures (28-70 years old), and n= 5 for energy-based procedures(39-64 years old).

by HA⁵ technology, which is a proprietary combination of five types hyaluronic acid (HA), marine polysaccharides and biopolymers. This technology not only provides instant smoothing of the appearance of fine lines/wrinkles but also soothes the skin and improves hydration—two desired features for a post-procedure formulation. VitisenSCE™ technology provides long-term benefits of replenishing endogenous HA levels and supporting optimal epidermal health, an important feature for vulnerable post-procedure skin. A Patient Experience Program (PEP, n=48) was conducted where 17 office sites used HA⁵ Rejuvenating Hydrator in combination with in-office cosmetic procedures. Significant improvements in the appearance of fine lines and wrinkles were observed when HA⁵ Rejuvenating Hydrator was applied immediately after the in-office procedure (Figure 1a). Decreases in the appearance of skin redness were also observed when HA⁵ Rejuvenating Hydrator was applied immediately after the procedure (chemical peel, Figure 1b). More interestingly, improvements in the appearance of fine lines and wrinkles con-

tinued to occur after four weeks of twice-daily application of HA⁵ Rejuvenating Hydrator (Figure 1a). Subject questionnaires rated HA⁵ Rejuvenating Hydrator performance very high immediately after in-office procedures as well as after four weeks of usage twice daily (Figure 2)

Doctor Suneel Chilukuri from Houston has been using HA⁵ Rejuvenating Hydrator in his practice in combination with in-office cosmetic procedures. He routinely applies HA⁵ Rejuvenating Hydrator following injectables to improve immediate patient satisfaction. "Patients leave the office with minimal to no erythema. And they comment on the silky feel of their skin," Dr. Chilukuri said. In addition, Dr. Chilukuri applies HA⁵ Rejuvenating Hydrator post-IPL and post-microneedling to support rapid skin repair and improvement of the skin barrier. "Patient satisfaction is especially high in those whose skin is sensitive and eczema prone. Skin is better hydrated with fewer flares during this winter season." ■