Novel Combination Approach with Established Technologies to Improve Skin Aging

Journal study from the American Society for Laser Medicine and Surgery shows that same day sequential IPL-NAFL treatment provides a safe and significant effect in facial rejuvenation.

WAUSAU, Wis. (PRWEB) February 28, 2019 -- While skin aging is triggered by multiple factors and typically presents with multiple manifestations, conventional treatment regimens deploy a single treatment modality. Typical approaches with ablative techniques, involve considerable patient discomfort and downtime and can induce adverse events. Non-ablative fractionated laser (NAFL) resurfacing provides significantly fewer complications and discomfort. At the same time, intense pulsed light (IPL) therapies have a marked impact on skin tone, with an effect on collagen deposition. This study evaluated the combined effect of same-day, sequential IPL-NAFL treatment on photoaging of the face.

The clinical report of this study, published in Lasers in Surgery and Medicine (LSM), the official journal of the American Society for Laser Medicine and Surgery, Inc. (ASLMS), was selected as Editor’s Choice in the February 2019 issue of LSM.

The study, led by J. Matthew Knight, MD, FAAD is titled “Sequential Facial Skin Rejuvenation with Intense Pulsed Light and Non-ablative Fractionated Laser Resurfacing in Fitzpatrick Type II-IV Patients: A Prospective Multicenter Analysis”

Over 90% of the treated patients exhibited improved or much improved overall appearance. Good to excellent pigmentation responses were recorded for nearly two-thirds of patients and improvements in texture, brightness and tightness were recorded for over 80% of patients throughout the follow-up period.

“This paper reminds us that innovation is not always predicated on new science or new machines. New frontiers in cosmetic rejuvenation can be challenged by imagining established technologies deployed in novel ways, often in combination,” said Knight.

J. Matthew Knight, MD is the president of Knight Dermatology Institute in Orlando, Florida. He also serves as the director of the Skin Cancer & Melanoma Center at UF Health Orlando Health. He is past-president of the Central Florida Society of Dermatology and is vice-president of the Florida Society of Dermatology & Dermatologic Surgery.

Editor’s Choice is an exclusive article published in LSM, the official journal of the ASLMS. View the complete manuscript.

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