

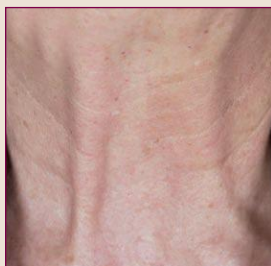
# DEKA Innovation Represents Quality, Reliability and Dedication

By Ilya Petrou, M.D., Contributing Editor

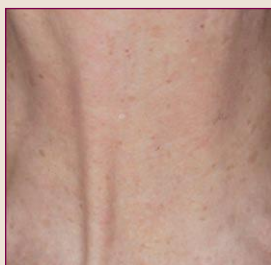


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"I had the chance to use SmartXide<sup>2</sup> on a wide-range of cutaneous conditions and found the device extremely flexible and versatile for many different specialties and indications."



Neck before Tx



Neck after DOT therapy

Photos courtesy of Professor Paolo Bonan, M.D., Professor P. Campolmi and Professor G. Cannarozzo

For more than two decades, DEKA (Florence, Italy) has been at the forefront of the medical laser industry and a leader in innovative technologies applied to aesthetic and surgical laser devices. The SmartXide<sup>2</sup> laser continues to be a major player in today's competitive market, as the versatile device can address a gamut of both medical and aesthetic indications.

"I had the chance to use SmartXide<sup>2</sup> on a wide-range of cutaneous conditions and found the device extremely flexible and versatile for many different specialties and indications," said Paolo Bonan, M.D., professor of dermatology at the University of Florence (Florence, Italy). "SmartXide<sup>2</sup> is surely a breakthrough innovation in the worldwide laser market."

DEKA's SmartXide DOT CO<sub>2</sub> laser offered a new and consolidated approach to aesthetic medicine, providing safe and effective treatments for a variety of indications such as wrinkles, lentigines, acne scars, surgical and achromatic scars and stretch marks. The SmartXide<sup>2</sup> device significantly improves upon its predecessor by combining the DOT scanner and bi-polar radiofrequency (RF) for improved skin tightening and rejuvenation outcomes. Clinicians can use these two features separately or combine them for superior and longer lasting aesthetic results.

Featuring an intelligently integrated Plug and Play feature, the SmartXide<sup>2</sup> device also allows the clinician to simply add all scanning accessories as needed, thereby avoiding the necessity to recalibrate the laser for different indications before each treatment. This user-friendly function makes SmartXide<sup>2</sup> suitable for a variety of uses and indications. For example, the DOT/RF

fractionated scanner provides photorejuvenation, the Hi-Scan surgical is useful in gynecology and ear, nose and throat (ENT) indications, as well as the V<sup>2</sup>LR scanning system for a unique, new application on the vaginal mucosa.

This novel device has proven efficacy in vulvo-vaginal laser reshaping (V<sup>2</sup>LR), a preventive treatment of vaginal atrophy caused mainly by menopause which can have a significant impact on patients. Equipped with its specially shaped DEKA-Pulse – exclusive to the SmartXide<sup>2</sup> system – SmartXide<sup>2</sup> has been shown to induce collagen stimulation of the vaginal mucosa for rejuvenation and tightening of the tissues.

Another feature of the SmartXide<sup>2</sup> is the Pulse Shape Design (PSD®) technology, allowing pulses to be delivered in any shape, specific to each individual treatment. The full spectrum of this innovative technology appears to be limitless as different pulse shapes can be applied for specific medical and aesthetic indications. With the advent of this technology, the range of super-pulses, ultra-pulses and hyper-pulses are now outdated, revealing a new frontier for CO<sub>2</sub> lasers.

"Using a specific pulse shape for the selected application not only helps achieve optimal results but also allows patients to have quicker outcomes with a decreased risk of adverse events post-procedure," advised professor Bonan.

An optional diode laser fiber can also be attached to the system, thus expanding the therapeutic spectrum of the device to include applications such as endosurgical and endovascular treatments. This versatility makes SmartXide<sup>2</sup> ideal for a complete therapeutic approach.