

# SmartXide<sup>2</sup>'s Versatility Proves Valuable for Medical and Aesthetic Indications



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Acne scarring before Tx



Acne scarring after three SmartXide<sup>2</sup> DOT/RF treatments  
Photos courtesy of Nicola Zerbinati, M.D., M.Sc.

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For over two decades, DEKA (Calenzano, Firenze, Italy) has been a leader in the medical aesthetic arena in terms of its innovative technologies and laser devices. However, the SmartXide<sup>2</sup> device is set to surpass all expectations, catering to a wide-range of both medical and aesthetic indications.

"Combining state-of-the-art technological innovation with previously unheard of therapeutic capabilities, SmartXide<sup>2</sup> is extremely versatile for many different specialties and indications," stated Nicola Zerbinati, M.D., M.Sc., a professor of dermatology and venereology at the University of Insubria (Varese, Italy), and director of the Poly-Specialist Medical Center of Pavia, Italy. "SmartXide<sup>2</sup>'s unique properties position it in a class of its own."

As one of the first fractional ablative CO<sub>2</sub> lasers, the SmartXide DOT CO<sub>2</sub> made its mark in aesthetic medicine by effectively and safely treating a variety of indications such as wrinkles, lentigines, acne scars, surgical and achromatic scars and stretch marks. SmartXide<sup>2</sup> significantly improves upon its predecessor, equipped with numerous automated features for a variety of medical and aesthetic indications including a fractioned scanner for photorejuvenation, another for gynecology and ear, nose and throat, as well as a scanning system for a unique, new application on the vaginal mucosa.

SmartXide<sup>2</sup> has proven efficacious in Vulvo-vaginal laser reshaping (V<sup>2</sup>LR), a preventive treatment of vaginal atrophy caused mainly by menopause. With its specially shaped D-pulse (exclusive only 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.

Featuring radiofrequency (RF) Pulse Shape Design (PSD®) technology, SmartXide<sup>2</sup> is capable of issuing pulses in any shape. The full spectrum of this innovative and exclusive technology appears to be limitless as different pulse shapes can be applied for specific indications, both medical and aesthetic. With the advent of SmartXide<sup>2</sup>, the old differences between super-pulses, ultra-pulses and hyper-pulses are now superseded, opening up a new frontier for CO<sub>2</sub> lasers.

"It is no longer necessary to use the same pulse shape for every treatment," Dr. Zerbinati advised. "SmartXide<sup>2</sup> allows the physician to select various pulse modes catered for the specific indication, all designed to ensure maximum benefit, minimum invasiveness and the best possible results."

SmartXide<sup>2</sup> is capable of working in continuous mode in all pulse modes irrespective of high peak powers, low peak powers or a combination of both. This versatility makes the device ideal for meeting the demands of medical clinics or hospitals that require the use of a system on a universal scale.

"SmartXide<sup>2</sup>'s versatility allows you to choose the best solution for a given indication, keeping the target area as cool as possible for vaporizing with minimum damage to surrounding tissues; as hot as possible for coagulation; or thermally controlled for heating small tissue areas, as with fractioned treatment," Dr. Zerbinati said.

In Dr. Zerbinati's experience, fewer treatments and follow-up maintenance are required when performing fractioned photorejuvenation thanks to the simultaneous use of RF, which translates into less downtime. "When you achieve superior results the first time, there's no need for frequent treatments or maintenance sessions."