

The Deka Dot SmartXide System

Ergonomics, user-friendliness, and wavelength efficaciously absorbed by water contained in the tissues all make this system the Gold Standard in dermatological laser surgery. An indispensable instrument for minor surgery, skin rejuvenation and also fractional ablative resurfacing. Immediate improvement of tissue tones, greater reduction of recovery times (minimum down-time), and high tolerability of the treatments.

Thanks to the extremely efficacious pulse laser these goals are attainable. The advantages of Smartpulse Technology:

- Control of the ablation depth
- Control of the thermal damage (homeostasis, shrinking of the collagen)
- Intactness of the surrounding tissues

Everyone's collagen gradually suffers physical wear and tear due to its own genetic heritage and various environmental factors (such as smoking, alcohol, oxidative stress, exposure to the sun, bad eating habits, and an incorrect lifestyle). The loss of collagen is evident with the first wrinkles and a progressive loss of skin tone.

DEKA DOT SmartXide System

SmartXide DOT Therapy is a technique used to rejuvenate and improve the appearance of age and sun damaged skin, acne scarring and wrinkles which treats tiny areas of tissue while leaving the surrounding tissue untouched, resulting in a much speedier healing time. The patient choice options are unlimited.

This technique can create tiny non ablative and or fully ablative areas which encourage the development of new collagen during the healing process, offering a tighter, more toned and overall smoother appearance in skin tone. In addition to treating wrinkles, lines, and scarring, DOT Therapy is a great option for skin renewal and rejuvenation, improving skin's texture and firmness.

With this technology, the post-treatment down-time is up to you. We can tailor the down-time so that it fits into your busy lifestyle. For most patients, one or two treatments will achieve the desired results. The laser stimulates the formation of new collagen, so there is natural and progressive improvement of the skin taking years off your face, chest area, neck and even hands that shows signs with aging. While results vary with every individual, most patients are seeing vast improvement overall and continue to see tighter more vibrant skin up to six months after the initial treatment. DOT Therapy generates new collagen to form and skin tightens naturally.

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Skin
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Cosmetic Skin Rejuvenation

DEKA

Deka Dot SmartXide

*The Gold Standard in
dermatological laser surgery*

Frequently Asked Questions

What is photoaging?

Photoaging is the premature aging of the skin. Overexposure to the sun causes photoaging. Skin exposed to excessive UV radiation develops a leathery texture, wrinkles, skin folds, sagging skin and possible growths called keratoses. Freckling with yellow or brown discoloration is due to abnormal elastic tissue. People with the greatest risk of developing photoaged skin are those with skin that burns easily and who doesn't tan because they have less melanin in their skin. In other words, people with fair skin, hair or blue eyes are at increased risk of photoaging and ultimately, skin cancer.

What is SmartXide DOT?

SmartXide DOT is DEKA's new CO2 laser system that allows you to work in either a "traditional" or "fractional" manner. Thanks to the exclusive fractional DOT technology, skin rejuvenation can now be stimulated by acting efficaciously and safely on the most evident signs of time, with a significant reduction in recovery times (minimum down-time) and elevated treatment tolerance. Procedure time usually takes about one hour.

How does it work?

Thanks to the DOT emission, the system generates micro-areas of thermal damage alternating with untreated tissue. The healing is much more rapid (only a few days), reducing clinical recovery time and the secondary effects typical of more invasive treatments (post-op pain, swelling and prolonged erythema).

Is it safe?

The rapid re-epithelisation restores the epidermal barrier, protecting it from the risk of infection.

The wavelength and advanced technology of the SmartXide DOT system make it a safe, accurate instrument for Skin Resurfacing treatments offering delicate and superficial ablation of numerous dermatological lesions.

Who is it designed for?

The treatment with SmartXide DOT is suitable for all skin types. Special care is recommended for those who tan frequently.

How many treatments are necessary?

Results will be visible immediately after the first session.

A special program will be drawn up for each patient with treatment tailored to his or her skin condition, requirements and desire.

What precautions must be taken after treatment?

Thanks to the fractional DOT technology, post-treatment erythema lasts only a few days and can easily be concealed with make-up. You will be advised on pre and post care at your consultation.

Is treatment painful? Is an anaesthetic necessary?

The only sensation is a slight pinging feeling that lasts a fraction of a second. For more sensitive patients, an anaesthetic cream will be sufficient. Compared to traditional treatments with CO2 laser, the fractional DOT technology significantly reduces post-treatment pain.

How long will it take for the results to be visible?

The majority of people observe significant improvements in skin tone already after the first session. Skin marks fade and disappear after one or two sessions. A specific program must be drawn up by the physician and patient for treating deep wrinkles. Finally, the laser stimulates the formation of new collagen that leads to a progressive improvement of the skin for at least six months after the last treatment.

Before & After SmartXide

