

The All New Alma ClearLift™

Multi-Indication High Power Q-Switched Nd:YAG Laser

- Skin Remodeling & Lifting
- Pigmented Lesions & Skin Brightening
- Tattoo Removal

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The All New Alma ClearLift™

Alma ClearLift is the most comprehensive Q-Switched Nd:YAG treatment solution available today. A single laser module treats 3 separate indications for all skin types, with new and unique technological innovations for each indication.

Maximal Power

The high power non-ablative Q-Switched Nd:YAG 1,064 nm laser and KTP adaptor, which doubles the laser frequency to 532 nm, features a unique double rod laser configuration which maximizes energy production for greater treatment efficiency.

Optimal Results

The treatment is based on a unique method of energy dispersion, emitting narrow pulse widths with multiple peaks of energy, resulting in more effective treatment and increased patient comfort.

ClearLift delivers photo acoustic shockwaves to the target area through high laser intensities in nanosecond pulses. This mechanical Q-Switched effect creates a **controlled dermal wound** - a unique mechanism of action that achieves optimal results for each indication.

The treatment is powerful enough to address challenging skin imperfections, hyperpigmentation and multi-colored tattoos, while gentle enough to treat the most delicate areas of the face, neck and décolleté.

SKIN REMODELING & LIFTING

Painless and precisely adapted to treat delicate areas

Alma Lasers has developed the **first fractional non-ablative Q-Switched laser**, allowing practitioners to use the powerful benefits of a high intensity Q-Switched laser for the treatment of age-related skin imperfections including wrinkles, fine lines, photodamage, uneven skin tone and skin laxity. The treatment is safe and effective for even thin and delicate areas of the skin such as the face, neck and décolleté areas.

While most laser procedures produce a thermal effect to stimulate collagen renewal, Alma ClearLift uses a specially designed fractional Q-Switched laser to achieve a deep mechanical effect, focusing the energy *beneath* the epidermis. This creates a **controlled dermal wound** while leaving the epidermis intact. The wound healing process stimulates growth of new collagen as well as contracture and tightening of the tissue.

The treatment is a 'lunchtime procedure' that is virtually painless with no downtime, no need for pre-treatment anesthetic and is safe for all skin types (I-VI).

Latest Innovations

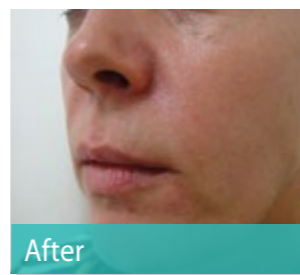
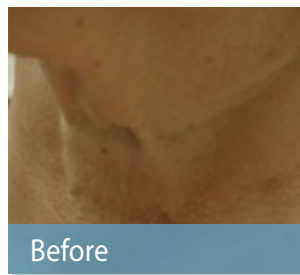
Alma ClearLift 4D
Control the **precise depth of treatment**

Variable depth control allows practitioners to combine both deep and superficial treatment approaches depending on the area being treated, the skin type or the indication.

Superficial tips are designed for thinner, more delicate areas of the skin and for treating fine lines, skin tone and laxity, while **deeper tips** target wrinkles and thicker skin. Variable tip depths can also be used for combination work on the same area to achieve optimal results.

iPixel Scan
High-speed, fractional **non-ablative Q-Switched laser** - coming soon!

The first fractional **scanning** Q-switched laser- for high-speed treatment.



Courtesy of Dr. Bruce Katz, Juva Skin & Laser Center, NY

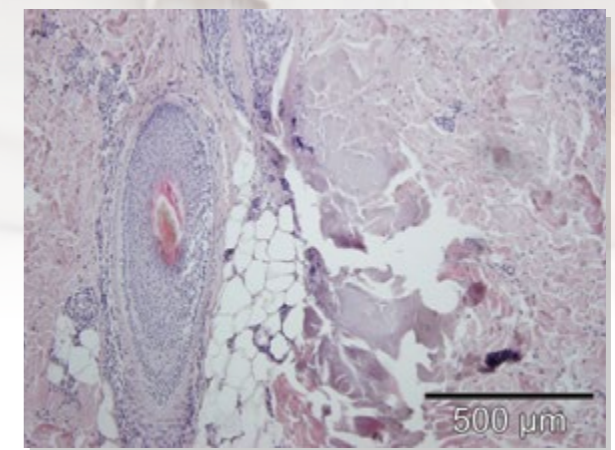
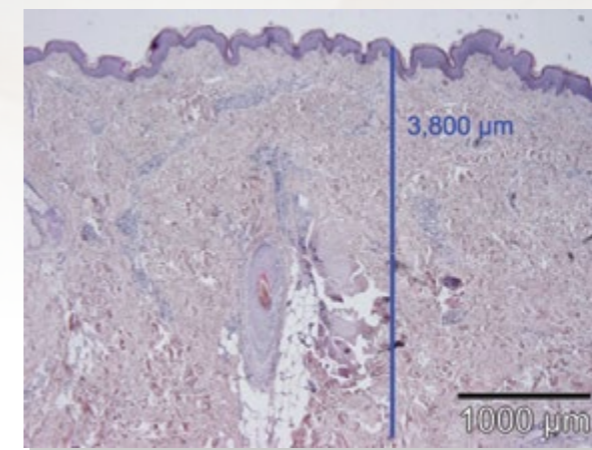
Courtesy of KeeLee Tan, MD. Rejuvenate Clinic, Perth, Western Australia

"Based on my histology analysis, it is evident that the epidermis is in large proportions intact but there is clearly visible damage in the sun damaged mid-upper dermis associated with collagen disruption and disintegration. The ClearLift Q-Switched fractional laser is a very promising modality that enables non-ablative collagen injury and remodeling underneath a mostly intact epidermis."

Prof. Dr. Uwe Paasch, Leipzig, Germany



Histologies



Disintegration of sun damaged skin next to appendages, up to 3,800 microns deep
Courtesy of Uwe Paasch, M.D., Ph.D. Professor Division of Lasers and Aesthetics, University of Leipzig, Germany

PIGMENTED LESIONS & SKIN BRIGHTENING

All-layer targeting of pigmented lesions - including for dark skin



Alma ClearLift is highly effective for treating various degrees and depths of pigmented lesions. The high power Q-Switched Nd:YAG 1064 nm laser treats deep pigmented lesions, while the 532 nm wavelength addresses superficial pigmented lesions.

The mechanical Q-Switched effect works by vibrating and breaking up the pigment in the lesion. As the area heals, the immune system flushes away the damaged pigmented cells and reveals lighter, unblemished skin.

Latest Innovations

Specialized Tip for Darker Skin

Treat a wide variety of skin types with a 3 mm, 5 mm, and **now a new 10 mm tip.**

The large spot size decreases the power density of the Q-Switched laser in the targeted area, making the treatment safe for darker skinned patients.

"Alma ClearLift, as the first fractional Q-Switched laser, is highly effective for treating various degrees and depths of pigmented lesions resulting in lighter and unblemished skin."

Michael H. Gold, M.D., Medical Director, Gold Skin Care Center, Nashville TN, USA

TATOO REMOVAL

Now for the first time-Tattoo Removal with Fractional Q-Switch

Successful multi-color tattoo removal requires a high powered laser that can deliver enough energy within the absorption spectrum of a wide range of colors.

The high power Q-Switched Nd:YAG 1064 nm laser is ideal for treating darker ink colors (black, blue and green), while the 532 nm wavelength is effective for brighter ink colors (red, orange and yellow). The mechanical Q-Switched effect works by vibrating and breaking down the ink particles in the tattoo. As the area heals, the body's immune system flushes away the shattered ink particles, causing the tattoo to fade with minimal risk of scarring or hypopigmentation.

Latest Innovations

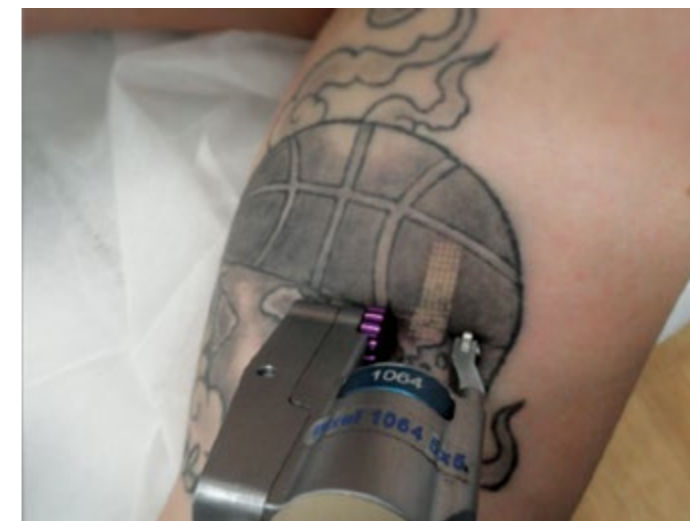
iPixel Scan

High-speed, fractional tattoo removal- with Depth Control

The first tattoo removal solution that is based on a **fractional scanning** Q-Switched laser-for high-speed treatment with minimal risks. Additional innovations feature **depth control**, allowing practitioners to target different depths according to the type of tattoo being treated, for optimal results.

"ClearLift has become my favorite treatment for many different indications: melasma, acne, rosacea, skin remodeling, stretch marks, tattoo removal. There is no such treatment in the market, making ClearLift distinctly unique. Today I can't imagine work in my clinic without it."

Dr. Dinko Kaliterna, Dermatologist, Poliklinika Poliderma, Dolac 1, Zagreb, Croatia Center



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