



The Medical Power of Light

TwinLight[®] Laser Acne & Acne Scars Treatment

A fast and simple solution for clear skin

- Safe and effective
- No medication
- Controlled, accurate and precise
- Improves skin texture and tone
- Suitable for larger and smaller areas
- Fast and gentle

Fotona[®]
choose perfection

before



Courtesy of Sult, RN

after

before



Courtesy of Sult, RN

after

before



Courtesy of Soaring, Imt.

after

What is TwinLight® Laser Acne & Acne Scars Tx?

Laser treatment of Active Acne reduces acne inflammation by photoselective absorption and heating of overactive sebaceous glands. The power of an Nd:YAG laser is used to accelerate the healing process and to reduce the possibility of developing new acne inflammation.

Laser treatment of Acne Scars is based on the precise and gentle skin resurfacing procedure where the Er:YAG laser is absorbed by the top micro-layers of the skin to vaporize scarred skin and stimulate the production of new collagen in the dermis.

Best clinical results are obtained by employing two complementary wavelengths of near infrared lasers (Er:YAG and Nd:YAG - TwinLight Tx).

How does it work?

1. Active acne: A high power Nd:YAG laser is used to penetrate the skin deep enough to thermally and selectively destroy large sebaceous glands.



Fig. 1: Active acne treatment with Fotona laser: Before and After (Courtesy of Sult, RN)

2. Acne scars: The Er:YAG laser is used to remove micron-thin layers of skin so that new skin can form in its place. Unlike chemical peels and dermabrasion, laser resurfacing allows to be easily controlled. The laser gently vaporizes the acne-scarred surface of the skin so that undamaged skin below is revealed.



Fig. 2: Acne scar reduction with Fotona laser: Before and After (Courtesy of Dr. Luppino)

Why is wavelength important?

Fotona's precisely controlled Nd:YAG laser wavelength safely penetrates into skin with the optimal depth to effectively target overactive sebaceous glands. In addition to its thermal penetration effects, the Nd:YAG acne laser treatment also stimulates collagen remodeling, an important step in the treatment of acne.

For problematic acne scars, Fotona's Er:YAG laser wavelength is ideal for gentle ablative scar revision. The Er:YAG laser safely and effectively provides the minimal penetration required for light resurfacing of acne-scarred skin.

Why are Fotona lasers perfect for TwinLight® Acne & Acne Scars Tx?

Both the SP Dynamis and the SP Spectro laser systems are equipped with a high performance Er:YAG laser that ablates skin more efficiently with proprietary VSP (Variable Square Pulse) technology, which can be accurately tuned to varying "cold" ablation and non-ablative thermal ratios. Full customizability allows you to precisely attain the clinical outcomes your patients desire.

The Nd:YAG laser on the SP Dynamis & SP Spectro perfectly complements the Er:YAG laser's ablative action with the ability to penetrate deeply into the skin to create thermal effects

without damaging the skin surface. Furthermore, Fotona's specially designed, innovative handpiece technology allows safe, precisely controlled and effective delivery of laser pulses to the treatment area.

Advantages for You and Your patients

TwinLight laser treatment of acne and acne scars is fast, easy to perform and has an unsurpassed treatment success rate compared to alternative methods. With easy-to-follow protocols and at-the-touch-of-a-button treatment settings, practitioners are able to treat patients with confidence and high success rates.

Treating acne with the laser is the least-invasive and most patient friendly method possible. What is more, no medication is required and complete recovery is achieved within days.

Getting started with TwinLight® Laser Acne & Acne Scars Tx

Success comes from a synergy between the experience and knowledge of the practitioner and the technical excellence of their equipment. Training in TwinLight laser acne & acne scars Tx is provided through Fotona's partnership with the Laser and Health Academy, where participants cover basic laser physics and gain an in-depth understanding of laser-tissue interaction. Live demonstrations give participants an insight in TwinLight laser acne & acne scars Tx and other aesthetic procedures that can be performed with Fotona laser systems.



To learn more about TwinLight® Laser Acne & Acne Scars Tx and what Fotona laser systems can do for your practice contact Fotona at info@fotona.com today.