Fotona
choose perfection

Be an artist of the new era.

Dynamis

- Highest Performance Er:YAG and Nd:YAG Laser System
- Additional Surgical QCW Nd:YAG Laser Capability
- Complete Inside-to-Out Treatments
- Easy-to-Use Treatment Parameter Management
- High Technology - Made in Europe

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CE 0123

Fotona is certified to: ISO 9001:2008, EN ISO 13485:2003, MDD 93/42/EEC, ANNEX II.3, ISO 13485:2003 (CMDCAS), GMP according to FDA regulations

87433 CE ENG/4

Er:YAG for Superficial Treatments

Superficially absorbed VSP (variable square pulse) Er:YAG laser light is highly effective for a wide range of ablative and nonablative skin treatments in dermatology, surgery and podiatry:

- Skin resurfacing;
- Dermatology and plastic surgery: epidermal nevi, actinic cheilitis, verrucae, skin tags, keratoses;
- Gynecology: herpes simplex, endometrial adhesion, cervical intraepithelial neoplasia, cysts, condiloma;
- ENT surgery: ENT lesions, cysts, polyps, hyperkeratosis, oral leukoplakia;
- Oral/maxillofacial: oral and glossal lesions;
- General surgery: surgical incision/excision, vaporization and coagulation of soft tissue;
- Podiatry: warts, plantar verrucae, large mosaic verrucae, matrixectomy.

Skin resurfacing

Courtesy of Paciolla, MD

Before After

Scar revision

Courtesy of An, MD

Before After

Skin resurfacing

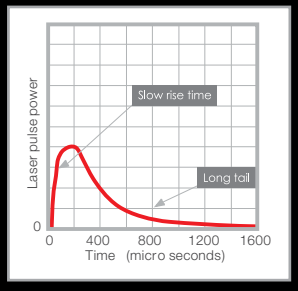
Courtesy of Pidal, MD

Before After

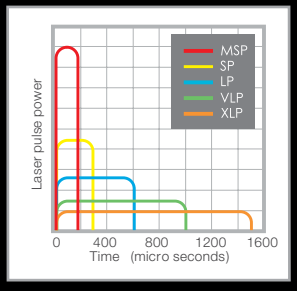
Why an Er:YAG & Nd:YAG Laser Combination?

The Dynamis' VSP (Variable Square Pulse) Er:YAG laser inherently ablates skin more precisely than other laser technologies. Er:YAG energy is highly absorbed in water – the main target chromophore for skin resurfacing – and can thus vaporize skin with micron-precision and very little thermal conduction. This keeps undesired effects such as hypopigmentation and persistent erythema, as well as recovery time, to a minimum. The VSP Er:YAG laser in Dynamis systems can be accurately tuned from varying "cold" and "hot" ablative to non-ablative thermal ratios. Full customizability allows you to precisely attain the clinical outcomes your patients desire.

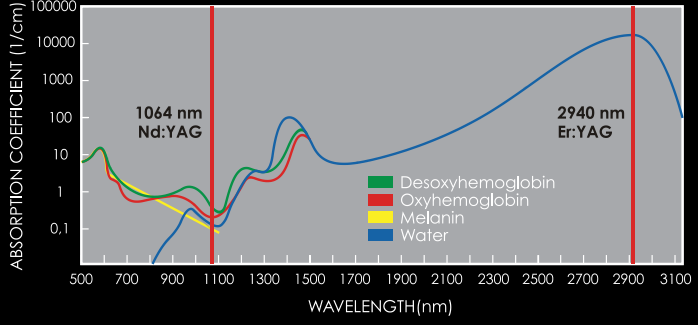
The Nd:YAG laser perfectly complements the Er:YAG laser's ablative action with its ability to penetrate deeply into the skin to create thermal effects without damaging the skin surface. Its homogeneous absorption in the skin and low absorption in melanin allow it to be safely used in all skin types. Compared to conventional technologies, the VSP Nd:YAG pulses of Dynamis lasers create virtually instantaneous FRAC3® temperature increases, limited to the targeted structures only. No unnecessary energy is deposited into the skin.



Standard laser technology



Fotona VSP technology



Committed to engineering:

The Highest Performance, Best Made Laser Systems in the World

Nd:YAG for Deep Thermal Effects

Deeply penetrating VSP Nd:YAG laser light enables safe and effective non-ablative thermal treatments in dermatology, surgery and podiatry:

- Photocoagulation and hemostasis of pigmented and vascular lesions, such as port wine stains, hemangiomae, warts, telangiectasiae, rosacea, venous lakes, leg veins and spider veins;
- Endovenous laser therapy of superficial tributary veins associated with varicose veins and varicosities;
- Laser assisted lipolysis;
- Surgical incison, excision, vaporization, ablation and coagulation of soft tissue;

In addition, Nd:YAG can be used for:

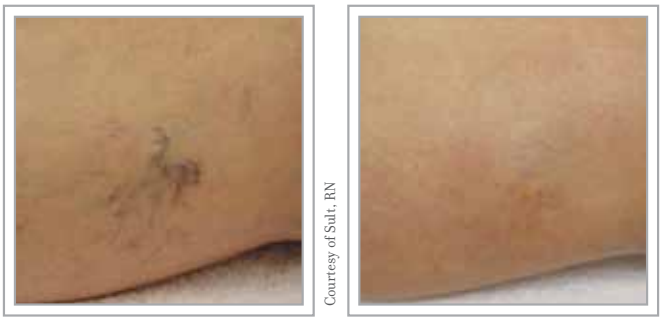
- Treatment of wrinkles;
- Treatment of mild-to-moderate inflammatory acne vulgaris;
- Temporary increase of clear nail in patients with onychomycosis.

Acne treatment

Courtesy of Sult, RN

Before After

Photocoagulation of vascular lesions



Courtesy of Sult, RN

Before After

Laser-assisted lipolysis

Courtesy of Latinmed, Inc.

Before After

High-Performance Scanner Technology

Full-field Scanning

Fotona's computer-controlled S-Runner Er:YAG scanner with 4 mm spot size and 16 cm^2 scanning area is perfect for full-field Er:YAG resurfacing, while the high-performance S-11 scanner with adjustable 3, 6, or 9 mm spot size and 42 cm^2 scanning area provides unrivalled precision and accuracy with Nd:YAG thermal treatments.

Fractional Scanning

Fotona's ergonomically designed F-Runner fractional scanner with adjustable scanning field coverage (168 mm^2 max scan area) ablates 250 µm diameter channels (<5 µm to 1100 µm deep) over a just a fraction of the entire resurfacing area to facilitate a faster and more effective wound healing response with higher patient comfort.

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Global Leader for over 45 Years

Since 1964 Fotona has set industry standards of excellence in laser systems for medicine, communications, industry, and defense. Our laser systems are the result of over 45 years of experience and expertise in producing high-tech products for these respective fields. Consequently Fotona is a globally recognized leader and pioneer in the innovation, development and manufacture of laser systems.

High Technology -Made in Europe

As one of the top manufacturers of medical laser systems, our commitment to state-of-the-art, in-house production sets us apart from the competition, which typically outsources the production process. Fotona's in-house manufacturing and stringent testing of all components, in compliance with applicable international standards, ensures that our systems are of the highest quality, reliability and durability. When you choose Fotona, you choose the highest performance, best-made laser systems in the world.

Best Training and Support

To get the most out of your Dynamis laser system, our practitioner workshops, coorganized with the Laser and Health Academy, provide hands-on demonstrations of our lasers by international clinical experts.

Dynamis / Spectro line

Model	SP Dynamis / SP Spectro		XS Dynamis	XP Dynamis / XP Spectro
Laser type	Er:YAG	Nd:YAG	Er:YAG	Nd:YAG
Wavelength	2940 nm	1064 nm	2940 nm	1064 nm
Power	20 W	80 W / 35 W	20 W	80 W / 35 W
Energy	3 J	50 J	3 J	50 J
Scanner	S22 (S-Runner)	S-11	S22 (S-Runner)	S-11
Modalities	MSP, SP, LP, VLP, XLP SMOOTH, TURBO	LP, FRAC3® QCW, PIANO	MSP, SP, LP, VLP, XLP SMOOTH, TURBO	LP, FRAC3® QCW, PIANO

Since 1964

Committed to engineering:

The Highest Performance, Best Made Laser Systems in the World.

Laser&Health ACADEMY

www.laserandhealth.com

From the makers of the award-winning LightWalker system:

reddot design award winner 2012

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