Fotona XP-2 – The Most Versatile Laser System in Surgery

Fotona
choose perfection

The Fotona XP-2 is a proven and tested solution for a wide a range of effective and efficient popular surgical procedures. In addition, its combination of QCW and Long Pulse Nd:YAG laser operating modes offers the opportunity to offer a wider range of popular aesthetic treatments. The Fotona XP-2 extends the range of services that can be offered by a modern surgery.

AESTHETICS & DERMATOLOGY LASER SYSTEMS

● Highest Success Rates in Surgery

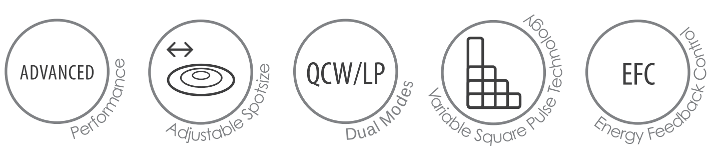
In Quasi-Continuous Wave (QCW) mode, in conjunction with Fotona's exclusive Variable Square Pulse (VSP) and Energy Feedback Control (EFC), the high-repetition, high power laser energy is targeted safely so the thermal effects are only delivered to the target tissue, resulting in minimal patient discomfort, exceptional long-term success rates and significantly shorter recovery times. In addition, with the 1064nm Nd:YAG laser, peak temperatures reached during the energy delivery cycle are significantly lower than other light-based technologies, thereby minimizing unwanted side effects.

● Golden Standard Vascular Aesthetic Treatments

Fotona XP-2's Nd:YAG laser in standard Long Pulse mode enables effective coagulation of deep vascular structures. In addition, its low absorption in skin chromophores allows all skin types to be treated with less heat deposited on the skin surface; increasing comfort and reducing the need for aggressive and expensive cooling, thus providing levels of comfort other light-based treatments cannot. Additionally, in this mode, hair removal (even for the deepest, hard-to-reach hair follicles), skin tightening and tone and texture improvements are also possible.

● Advanced Fotona Technology Provides Superior Safety and Ease-of-Use

At the touch of a button, Fotona's VSP technology accommodates the laser parameters to the application, providing the ease-of-use you deserve. VSP-shaped pulse modes treat different structures with unmatched efficacy, without heating surrounding tissues, safeguarding your patients' comfort. The built-in Electronic Feedback Control (EFC) mechanism assures the system's laser output is actively matched to the parameters you select; providing unmatched safety and peace-of-mind.



	QCW Mode	Long Pulse Mode
Laser type	Nd:YAG laser	Nd:YAG laser
Wavelength	1064 nm	1064 nm
Max. pulse energy / fluence	500 mJ	300 J/cm^2
Max power	30 W	10 W
Pulsewidth range	0.1 – 0.4 ms	5 – 50 ms
Max. frequency	100 Hz	9.1 Hz
Beam Delivery System	200, 300 & 600 μm core sizes (bare silica fiber)	2 – 8 mm adjustable spot size (R32 dermatological Handpiece)

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Fotona is certified to: ISO 9001:2000, EN ISO 13485:2003, MDD 93/42/EEC, ANNEX II.3, ISO 13485:2003 (CMDCAS), GMP according to FDA regulations

The Highest Performance
Best Made Laser Systems in the World

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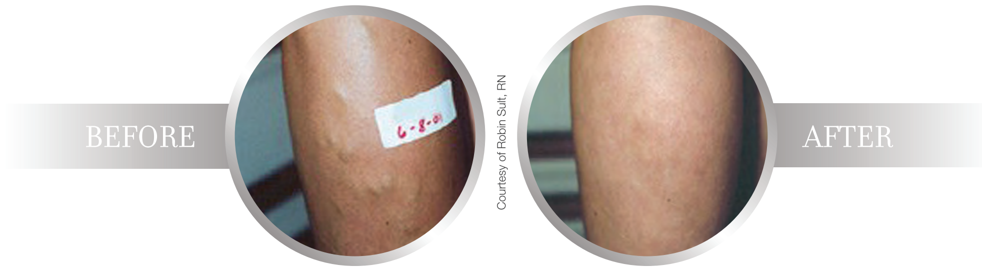
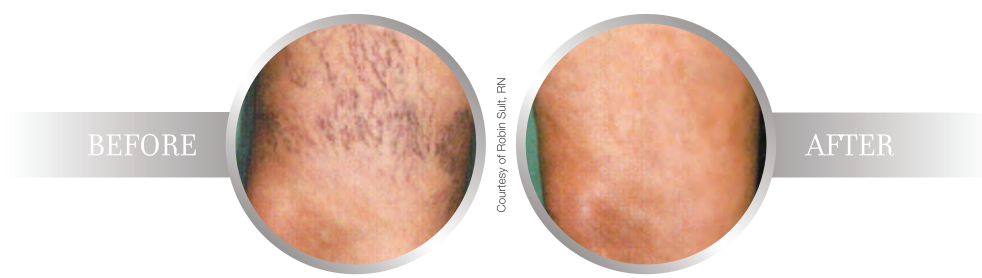
A Sample of the Wide Range of Possible Treatments:

- Unsightly Vein Treatments



- Hemangioma Treatments

- Leg Telangiectasia Treatments



- Facial Telangiectasia Treatments

FOTONA d.d.
Stegne 7
1210 Ljubljana
SLOVENIA, EU
t. +386 1 500 91 00
f. +386 1 500 92 00
info@fotona.com
www.fotona.com
www.laserandhealth.com

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