FOTONA

IFW 2023 ISSUE

www.fotona.com

MAGAZINE

IFW 2023

May 24 - 27, Portoroz

Dear Fotona Family,

It is our great pleasure to welcome you to the 20th anniversary of the International Fotona Weekend! It is an honor to have you as our guest as we reunite once again for our traditional Fotona Family event at the picturesque sea-side resort of Portorož, Slovenia.

This year's IFW will be particularly special as we celebrate the 20th anniversary of our annual meetings. Thanks especially to your contribution, Fotona is today a market leader and one of the most respected laser companies in the world. Having achieved tremendous growth during the past two decades, we are continually adjusting our organization and improving our internal processes to stay vital and competitive.

Cooperating as One Family Together and combining the insights, knowledge, and experiences of each of us has been the key to maintaining our competitive advantage, and one that we need to continue strengthening even further. We are looking forward to having the chance to discuss our vision with you and our common path to the future.

The excitement of IFW begins on Wednesday, May 24th with a Distributor Meeting that will feature the latest product developments and hands-on training from Fotona experts in the fields of dentistry, aesthetics, and gynecology. After the lectures and diploma ceremony on Thursday, we'll have the Fotona Championship 2023, followed by team-building activities that we are confident you will enjoy!

The 13th Annual Laser & Health Academy Symposium, co-hosted by Fotona, will take place on Friday and Saturday, May 26th to 27th. This symposium is designed to present the latest research and education from expert LA&HA medical professionals in multiple fields of laser medicine. Along with the various lectures and demonstrations, there will also be the annual Fotona dinner event, as well as plenty of opportunities to socialize and get to know the ever-expanding network of Fotona Family professionals.

We are excited to showcase our latest product improvements and how well they match with the latest trends in the market. For example, the next generation Nx laser system SP Dynamis Nx is the first in our new line of versatile all-in-one solutions for aesthetics & dermatology. Combined with the eco-friendly CoolMist™ skin cooling technology and state-of-the-art handpieces, we've designed it to be the ultimate revenue-generating device for modern aesthetic practices.

Above all, in addition to sharing our knowledge, enthusiasm and insights as with all past IFW events, we are especially looking forward to this special 20th anniversary occasion as an opportunity to further strengthen our Fotona Family ties while celebrating our many accomplishments.

Welcome to Portoroz, let's make this year's event a memorable one!

Dr. Ladislav Grad,
Fotona d.o.o.

Portoroz, which literally means 'port of roses', is a charming Slovenian Adriatic seaside and spa town. In the early 20th century, it became one of the grandest seaside resorts in the Adriatic. Nowadays it is one of Slovenia's major areas for congresses and business events, holidays, spas, entertainment and gambling. Together with neighboring Piran, well known for its medieval architecture and narrow streets, Portoroz offers the diversity of Slovenia's Istrian region in one place. From the cosmopolitan promenades to the romantic streets. From authentic traditions of local customs to modern urban rhythms.

ASP POWERED New Revolutionary **Adaptive Structured Pulse** Technology

Third Generation Laser Technology

LightWalker®

The Ultimate All-in-one Hard and Soft Tissue Laser

Er:YAG and Nd:YAG laser wavelengths for no-compromise dentistry

- Conservative Dentistry
- SWEEPS® Endodontic Treatment
- TwinLight® Periodontal Treatment
- TwinLight® Peri-Implantitis Treatment
- TouchWhite® Laser-Assisted Tooth Whitening
- Ceramic Debonding
- Oral Surgery

Beyond dentistry:

- NightLase® Snoring and Apnea Treatment
- Facial Aesthetic Treatments
- ComfortLase™ - Photobiomodulation & Pain Management

Solutions for experts as well as beginners, designed with the dental practitioner in mind

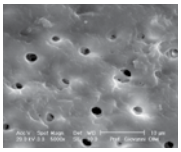
Pre-settings for more than 80 different applications

- Photoacoustic Endodontics
- Wireless Footswitch
- Automatic Handpiece detection
- TouchWhite® Laser Assisted Tooth Whitening
- Variable Square Pulse Technology
- Titanium Handpieces
- Tissue Effect Graphical Interface
- TwinLight® Perio Treatment
- Electronic Spray Control
- Digitally Controlled Dental Handpiece
- Superior Power
- Peri-implantitis Treatment
- Quantum Square Pulse
- Multiple Er:YAG Fiber Tips
- Facial Aesthetic Treatments

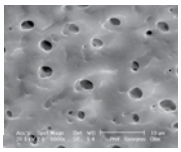
Virtually Unlimited Applications with Dentistry's Most Optimal Laser Wavelengths

Revolutionary ASP-powered SWEEPS® Endodontics – simple, yet powerful

- 3D streaming of the irrigant throughout the complex root canal system
- Accelerates laser-induced cavitation and creates shockwaves in the narrow canals
- Increases penetration of the irrigant deeper into the dentinal tubules
- Effectively activates chemical irrigants
- Direct disinfection and smear layer removal
- Supported by different modalities: USP, SSP, AutoSWEEPS, R-SWEEPS.



SEM picture after SWEEPS at 6 mm from the apex



Courtesy of Dr. Giovanni Olivi

ASP-powered QSP

Standard vs QSP mode

QSP Mode Characteristics of 3rd Generation ASP-powered Er:YAG Dental Lasers
Compared to other tested Erbium modes, the ASP-powered Quantum Square Pulse (QSP) modality was shown to result in the fastest cutting of hard dental tissue, the smallest amount of undesirable heat deposition and the lowest level of vibration.

Fotona SMOOTH® pulses for effective Facial Aesthetic Treatments with LightWalker

Fotona SMOOTH® Er:YAG laser pulses activate a unique form of non-ablative thermal stimulation, with a gentle dual-tissue regeneration process designed to achieve highly controlled and safe collagen tightening and new collagen formation within the tissue. It is the ideal choice for facial aesthetic treatments, such as Fotona3D™, SmoothEye®, and LipLase®.

Courtesy of Dr. H. Shiffman

Before *Immediately after Tx1*

Creating a smile does not end with healty teeth. Offer more.

SkyPulse®

Advanced Technology Made Simple

SkyPulse Er:YAG Laser Treatments:

- SSP and SWEEPS® Endodontics
- Wavelength-Optimized Periodontal Treatment
- Wavelength-Optimized Peri-implantitis Treatment
- Oral Surgery
- Desensitization
- Ceramic Debonding
- TouchWhite® Tooth Whitening

Variable Square Pulse Technology

Titanium Handpieces

Tandem Emission

Photoacoustic Endodontics

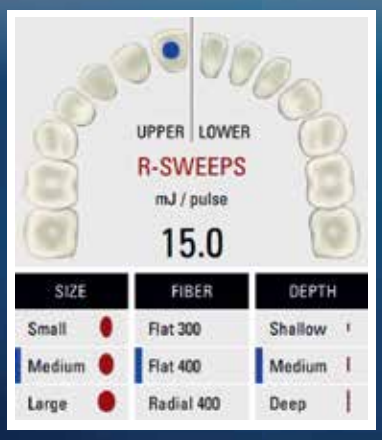
Quantum Square Pulse

SSP and SWEEPS® Endodontics

The SSP single-pulse mode represents Fotona's proven Photon-Induced Photoacoustic Streaming modality for effective irrigation of the entire root canal anatomy. Additionally, the revolutionary SWEEPS® (Shock Wave Enhanced Emission Photoacoustic Streaming) technology enables enhanced non-thermal photoacoustic shock waves generation, resulting in improved cleaning and debridement.

R-SWEEPS®

Patented solution for treatment optimization



SkyPulse Diode Laser Treatments:

- ComfortLase™ - Photobiomodulation & Pain Management
- Soft-Tissue Modifications
- Oral Lesions, Herpes, Aphthae
- Disinfection
- Intraoral Photocoagulation
- Hemostasis

SkyPulse® ENDO

- Specialized in endodontic irrigation
- Simplified GUI

SkyPulse® PLUS

- More powerful Er:YAG
- Advanced application range

SkyPulse® MULTI

- Premium model with all features Incl. TANDEM diode operation Multi-4

Tooth Desensitization

- Quick, easy & gentle procedure
- Instant and painless relief from tooth sensitivity
- Long-lasting effects
- Superior results to traditional desensitizers

NightLase®

- Non-invasive
- Increases the quality of the patient's sleep
- Extremely easy for any doctor or dentist to perform
- Lessens the effects of snoring and sleep apnea
- Safe and patient-friendly treatment

Wavelength-Optimized Periodontal and Peri-Implantitis Treatments

- Minimally-invasive technique
- No thermal or mechanical damage to the surrounding bone
- Fast regeneration/healing
- Reduced inflammatory response

Crown, Bridge, Bracket & Veneer Removal

- Safer alternative to traditional bracket removal
- Quick & effortless procedure
- Stress-free experience, ideal for pediatric patients

TouchWhite®

- Safe & non-invasive method
- No unnecessary thermal burden on the tooth
- Suitable for internal and/or external teeth whitening

Pediatric Dentistry

- Avoid trauma and stress from injections
- Minimally invasive cavity preps
- Little to no anesthesia
- Fast recovery & minimal downtime
- Comfortable and safe surgical treatments
- Reduces bleeding with Nd:YAG to operate in a clean & dry surgical field

Herpes & Aphthae Treatment

- No discomfort
- Faster healing
- Immediate relief
- Reduce recurrence

Facial Aesthetics with LightWalker

- Safe and patient-friendly procedures
- Minimally invasive and tissue-selective effect
- Natural results
- New treatment possibilities
- Gentle, fast and convenient
- Generates additional income

LA&HA Master's Program in Laser Dentistry

Continuous Professional Development

Join the **LA&HA Master's program** and become a top laser specialist.

Key benefits of the LA&HA Master's Program include:

- **200 hours** of active training by high-level industry experts and skilled professionals in multiple fields of dentistry
- **Module-based training** in a supportive and highly functional educational setting with the most efficient and up-to-date laser technologies
- **Hands-on clinical training** sessions with close supervision at advanced and highly experienced dental laser centers (live modules only).

www.laserandhealth.com
info@laserandhealth.com

"I've been using lasers for quite a while now and the amount of information that I've picked up over LA&HA Master modules has been really significant. For new laser users and even for experienced laser users I would very much recommend doing this course."

Dr. Timothy Johnston, Australia

ComfortLase™

Photobiomodulation and Pain Management

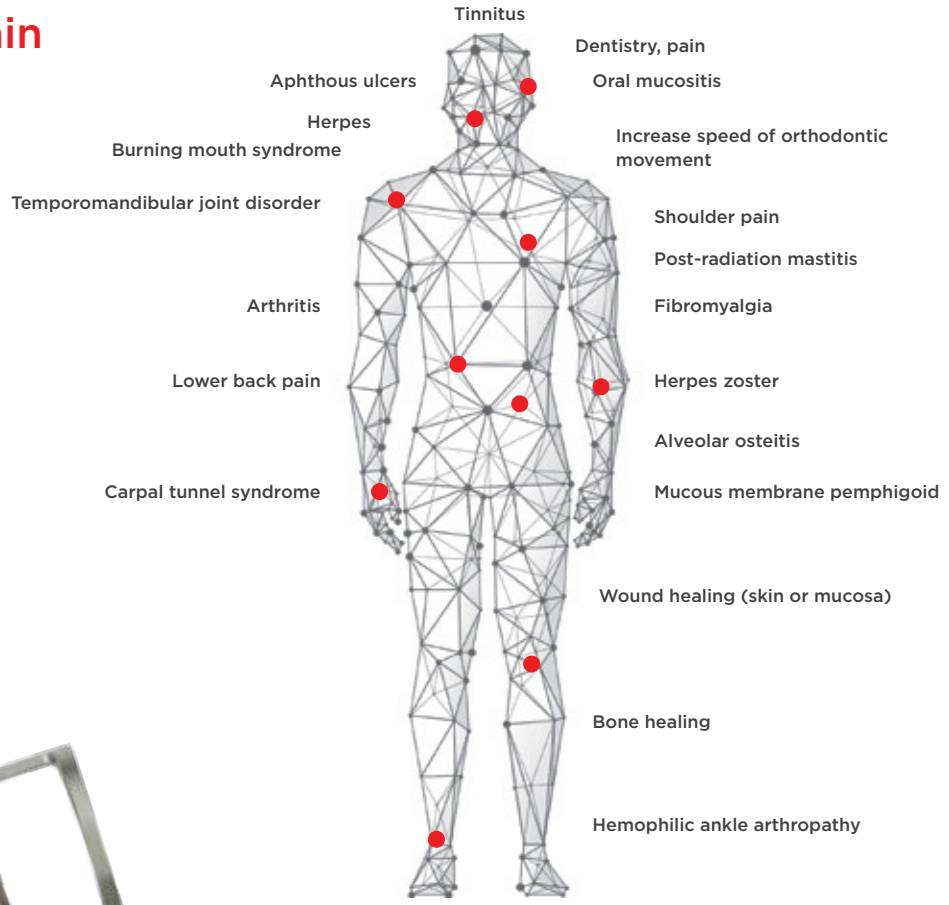
The Ideal Solution for Wound Healing and Pain Reduction

Photobiomodulation (PBM) utilizes low-level light energy (visible to near-infrared), which stimulates the body's cells to naturally heal, reduce inflammation and relieve pain. Additionally, the process results in accelerated tissue regeneration, stimulation of cell metabolism, increased lymphatic flow and stimulation of micro-circulation.

Pain Management laser procedures utilize high-level infrared light energy, which gently warms up the target tissue and reduces pain.

ComfortLase™ is one of Fotona's most popular laser treatments in the categories of Surgery and Dentistry!*

**According to the 2022 Fotona End-User Survey.*



MarcCo™ Handpieces

The latest line of handpieces for Photobiomodulation and Pain Management:

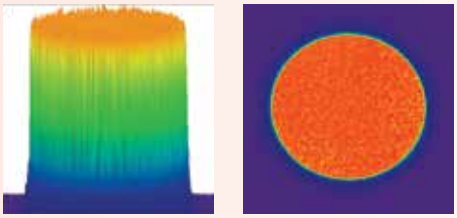
- Fast & non-invasive, with support for ComfortLase™ treatments
- Unique, collimated & homogenous beam profile
- Sterilizable spacers for increased safety
- Modern ergonomic design

MarcCo™ handpieces can be used with the following Fotona laser systems:

Dentistry LightWalker®, SkyPulse®

Aesthetics and Gynecology SP Dynamis®, TimeWalker Fotona4D®, TimeWalker IntimaLaser®, FotonaSmooth SP®

A perfectly homogenous beam profile for effective and reproductible treatments



MarcCo™ flat-top beam profile

SP Dynamis® Nx Line

NEW

The Next Generation of Multi-Use Technology

Discover the next generation multi-application laser. This technologically superior device offers all the features from the acclaimed SP Dynamis® and much more, with one of the most comprehensive lists of fast, safe and precise treatment options available anywhere on the market. The Nx Line brings additional new cutting-edge innovations such as Fotona's patented eco-friendly **CoolMist™ skin cooling** for maximum safety and comfort, without the need for an additional cooling device. It's everything you need to run a successful modern practice in one state-of-the-art platform. Let your creativity soar!

1 LASER SYSTEM.
100 TREATMENT OPTIONS.
∞ CREATIVITY.

CoolMist™ Cooling

CoolMist™ is **Fotona's patented skin-cooling technology**, based on dry-spray molecular cooling (DMC™) of the skin surface.

The CoolMist™ water spray is **integrated into the Sp Dynamis Nx Line handpieces and scanner** to improve comfort and enhance safety. It uses room temperature air and water so there is no risk of cryo-injury by over-cooling the skin.

CoolMist™ integrated in the Nx-Runner

CoolMist™ integrated in the R35-Nx handpiece

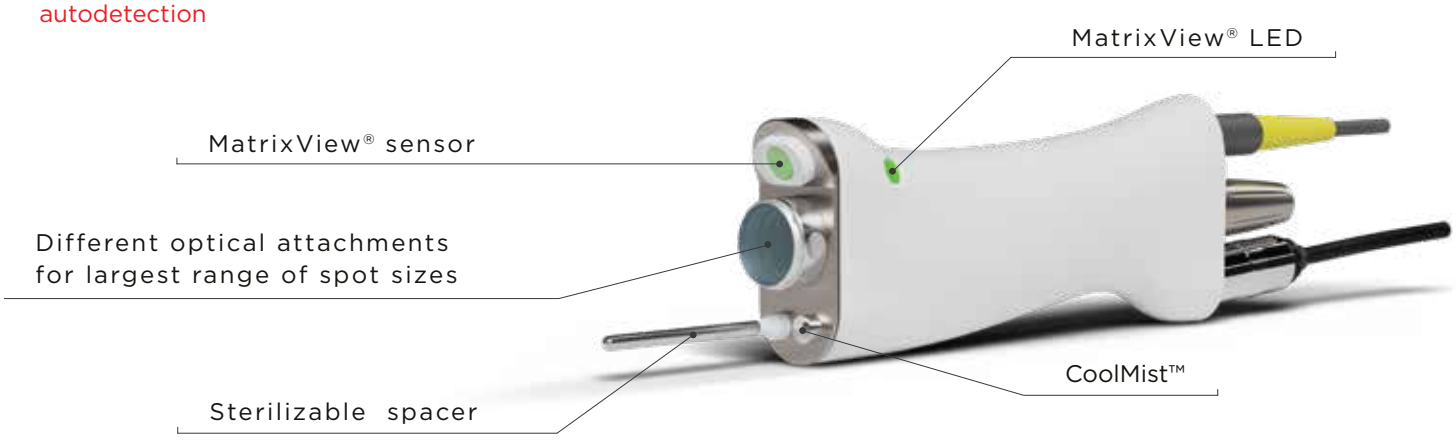
Benefits of CoolMist™:

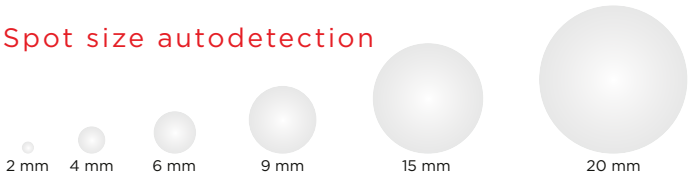
- More effective cooling of the skin, achieving lower temperatures faster
- Eco-friendly, using water only
- Non-contact, no need for gels
- One container of demineralized water lasts for a full day of laser procedures
- No consumables
- Eliminates odor

R35-Nx Handpiece

Innovative Solutions for Convenience in Use

- Modern lightweight design
- Different spot sizes: 2, 4, 6, 9, 15, 20 mm with autodetection
- Integrated CoolMist™ cooling technology* and MatrixView® thermal sensor





* For a greater cooling effect, a special cold air cooling adapter is available. It can also be used without dry spray.

Nx-Runner Scanner

For Optimal Coverage and Speed

- The perfect tool for treating larger areas
- The largest scan area on the market – up to 64 cm²
- Available with 9 and 11 mm spot sizes
- Integrated in the Scanner: CoolMist™ cooling and MatrixView®

Dynamic Vacuum Technology

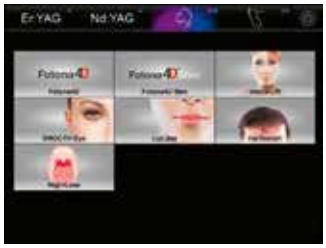
Provides Additional Treatment Options

- Dynamically controlled intermittent suction
- Improves lymph microcirculation
- Deep-tissue body and facial treatments

The Next Generation of Multi-use Technology

More Applications for your Practice

The SP Dynamis Nx Line provides more than 100 treatment options including new popular noninvasive facial and body treatments with supreme natural-looking results.

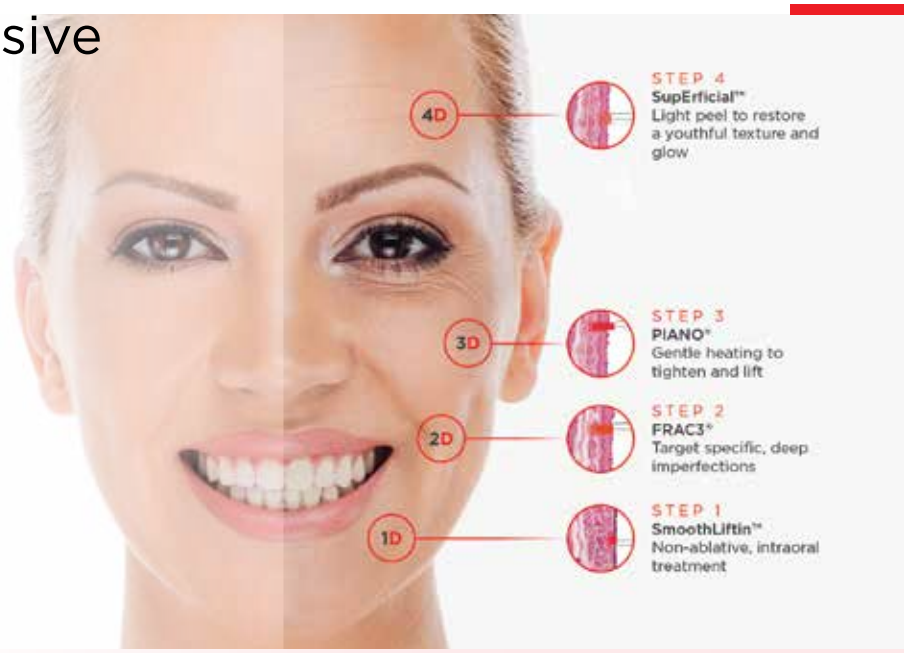


A refreshed user interface includes exciting new treatment options.

- Fotona4D®
- Fotona4D®Men
- HAIRestart®
- SmoothEye®
- LipLase®
- VectorLift®
- ComfortLase™
- TightSculpting®
- TensorTight™
- OrangeLase™
- LineLase™
- NightLase®
- Active Acne
- Full Beam & Fractional Treatments
- Hair Removal
- Pigmented and Vascular Lesions
- Scars
- Gynecology
- Surgical Applications: Laser Lipolysis, Endo Venous Laser Ablation

Ultimate Face and Neck Aesthetics

A Complete Non-Invasive Treatment Portfolio



Fotona4D®

NON-INVASIVE LASER FACELIFTING

Fotona4D® is Fotona's most popular non-invasive facial rejuvenation treatment. It provides a comprehensive approach to rejuvenation from 4 different levels working on deeper, medial and superficial connective structures of the skin, as well as targeting imperfections from the inside out.

Courtesy of Dr. Adrian Gaspar

Before *After*

VectorLift®

LASER EYEBROW LIFTING

VectorLift® is an innovative solution for non-invasive eyebrow lifting and upper eyelid rejuvenation. It provides the optimal combination of immediate skin tightening with long-term rejuvenation due to new collagen formation.

For detailed settings, see the clinical note by Dr. Adrian Gaspar published in the LA&HA Journal.

See instructional video on MyFotona.

Courtesy of Dr. Romina Zadehkabir

Before *After*

SmoothEye®

PERIOCULAR WRINKLES

SmoothEye® is a non-ablative Fotona SMOOTH® treatment for tightening of the periocular region and reducing the appearance of periorbital wrinkles. It reduces wrinkles, eye bags and dark circles around the eyes to provide natural-looking results.

LipLase®

LIP PLUMPING

LipLase® is a short, non-surgical and non-invasive procedure for lip plumping. Unlike using injectable fillers, LipLase® involves no artificial substances, only mild laser energy to stimulate the process of collagen remodeling.

Before *After*

Scientific & Clinical Research

Courtesy of Dr. Harvey Shiffman

HAIRestart®

STIMULATION OF HAIR GROWTH

- Patented non-ablative X-Restart long handpiece with a 1.8 mm spot size
- Prevents further hair loss and increases hair density & thickness
- Controlled energy delivery
- Large 40 x 23 mm coverage area (16 simultaneously delivered spots)
- Improved scalp accessibility for patients with
- longer hair
  Adjusted for different alopecia stages
- Patterned Fotona SMOOTH® and eSTART® delivery for better heat distribution
- No medication, no down-time

See instructional video on MyFotona.

Before treatment

Courtesy of Fotona

4 weeks after 8 sessions

Microablation

Precise Micro-Aesthetic Laser Ablation with Pen-1 Handpiece

Key Advantages:

- High-precision, collimated handpieces with 1 mm spot size
- Perfect for micro-aesthetics
- Ablation of small benign lesions (milia, xanthelasma, seborrheic keratosis, etc.)
- Ideal for upper eyelid microablation
- Can be used in selected applications that require cutting

Courtesy of Dr. Anze Zorman

Before *After*

LA&HA Institute

Laser & Health ACADEMY

Fotona
choose perfection

Comprehensive workshops and online trainings

Improve your knowledge and skills in a state-of-the-art laser research and training facility.

Regular clinical workshops and tailor-made training courses are available in the following fields:

- Aesthetics & Dermatology
- Surgery
- Gynecology
- Dentistry

Experience a unique opportunity to interact and share experiences, ideas, and expertise in a professional, highly advanced and relaxed environment.

For registration and more details please visit:
http://www.fotona.com/en/workshops/

For more information contact:
trainings@fotona.com

Next-Generation Body Treatments

New Levels of Innovation for Effective Non-Invasive Body Treatments

TightSculpting® & T-Runner Skin Tightening

Scientific & Clinical Research

Step 1: Nd:YAG PIANO
Deep skin tightening and fat reduction

Step 2: Er:YAG SMOOTH mode
Collagen remodeling and skin tightening

L-Runner

- Nd:YAG scanner for up to 64 cm^2
- High pulse rates, enhanced speed
- Highest possible irradiance, shortest time
- Constant movement, replicable procedure
- Laser light is applied evenly and homogenously
- Innovative MatrixView® monitor controls the skin surface temperature

T-Runner

- Er:YAG scanner for up to 64 cm^2
- Enhanced speed and perfect accuracy
- V-SMOOTH with T-Runner enables the achievement of critical temperatures and depth of penetration for optimal regenerating procedures
- STP (surface temperature parameter) for optimal comfort and effectiveness

OrangeLase™

CELLULITE REDUCTION

OrangeLase™ is an innovative non-invasive treatment of cellulite optimally performed with L-Runner and T-Runner. It effectively tightens skin, increases its elasticity and reduces the appearance of cellulite.

Courtesy of Dr. Adrian Gaspar

Ref. Gaspar - Treatment of adipose and fibrotic cellulite with Erbium and Nd:YAG scanners

TensorTight™

SKIN TIGHTENING

TensorTight™ is a minimally invasive procedure that tightens the skin, stimulating collagen production and remodeling. The treatment leads to smoother and firmer skin.

Scientific & Clinical Research

Courtesy of Linjer Estetiks Medisin Kristiansand

Courtesy of Injeksjeonsspesialisten Clinic

Courtesy of Dr. Shadya W. Ramdjan

Courtesy of Dr. Claudia M. Pidal

LineLase™

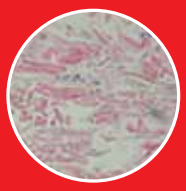
STRETCH MARKS REMOVAL

- SMOOTH tightening and ablative resurfacing
- Improvement of skin texture and appearance
- Collagen remodeling
- Appropriate also for darker skin types
- Minimally invasive

Hyperstacking

Fotona SMOOTH® 10+ stacks

The hyperstacking technique allows greater heat penetration and increased thermal diffusion, achieving greater fibroblast recruitment and consequently enhanced collagen remodeling.



Pre laser Tx. 40X

90 days post 4 laser sessions 40X

Courtesy of Dr. Adrian Gaspar

With PS03X

With T-Runner

StarWalker Family

StarWalker® MaXQ

Extremely high energy nanosecond pulses with picosecond power

StarWalker® PQX

Highest performance picosecond power

StarWalker® MaQX

Ultra Performance Q-Switched Laser System

10 J of Q-switched energy

14 modalities and 4 laser wavelengths

Pico within nano

- Pulse modalities from nanoseconds to microseconds, milliseconds and seconds for optimal tissue effects
- Intuitive and intelligent graphical user interface with instant access to preprogrammed procedures via a large display
- Compact handpieces with automatic real-time detection of handpiece type and spot size

StarWalker® PQX

Ultra-Performance Pico Laser

Highest power, shortest pico pulse

300 ps pulse duration

800 mJ of energy

2.7 GW of power

- Highest pico power & energy
- Shortest pico pulse width
- Exceptional spot size capabilities
- Largest fluence spectrum for flat-top handpieces
- Patented FracTAT® treatments for scars, pigments and rejuvenation
- Smallest footprint
- Wide range of laser wavelengths
- No consumables

NEW

Movit StarWalker MaQX and PQX Handpieces

One handpiece body with four different spacers can produce both fractional and full-spot Nd:YAG and KTP beams.

Movit & Movit HIGH

Courtesy of Dr. Wong Yeut Sun

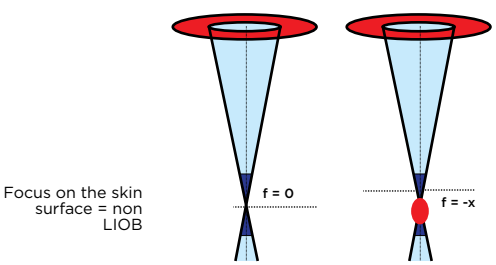
Pigmentation removal with PQX.

The optimal choice for non-ablative "brushing mode" treatments

- Square shape
- One unit for multiple applications
- Movit & Movit HIGH

	1064 fractional	1064 full spot	532 fractional	532 full spot
Movit	13x13, 15 mm (15x15 mm)	/10 mm (square)	21x21, 12 mm (12x12 mm)	/10 mm (square)
Movit high	11x11, 7 mm (7x7 mm)	/4 mm (square)	20x20, 6 mm (6x6 mm)	/4 mm (square)

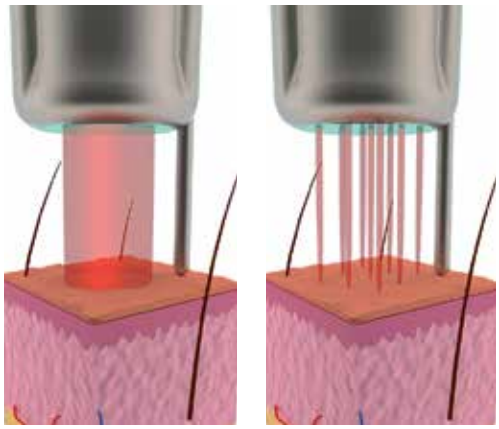
Laser Induced Optical Breakdown - **LIOB Handpieces**



FracTAT®

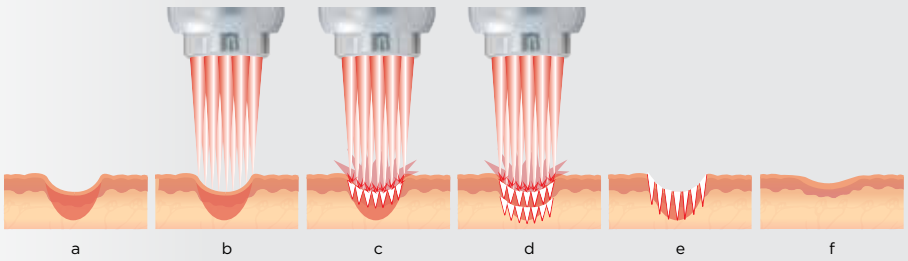
Fractional Ablative and Non-ablative Treatments

- Enhanced generation of photoacoustic shockwaves
- Reduced frosting and pressure on surrounding tissue
- Direct pigment removal via ablation and healing of fractionated skin



Full-beam *Fractional beam*

Scar Treatment with FracTAT®



FracTAT® fractional ablative treatment of acne scars

Fractional ablative treatment of acne scars (a). Fractionated laser beam is focused on the skin surface (b), with intensities higher than the ablation threshold (c). Multiple stacks are applied (d) to achieve desired ablation depths (e). This minimally invasive treatment approach results in good improvement (f) with a very short recovery time and negligible side effects.

Courtesy of Dr. Eugene Chong

Acne scars treatment with PQX.

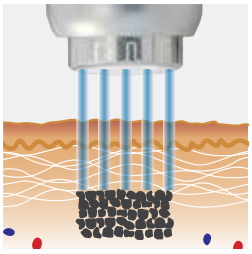
New TURBO Mode for more intense PQX FracTat ablative treatment:

- TURBO mode administers a train of consecutive pulses spaced 200 ms apart.
- The practitioner can choose the number of pulses in the train depending on the desired intensity.

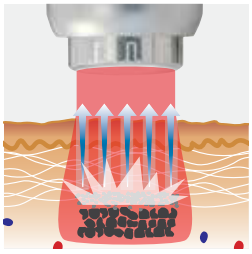
StarWalker MaQX Tube spacer for FS handpieces

- Reduction of sound
- Reduction of debris

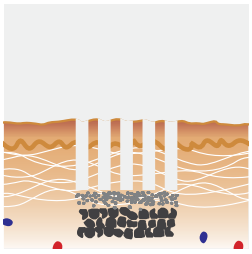
FracTAT® Tattoo Removal



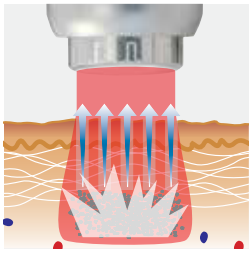
Micro holes are drilled with an ablative fractional laser



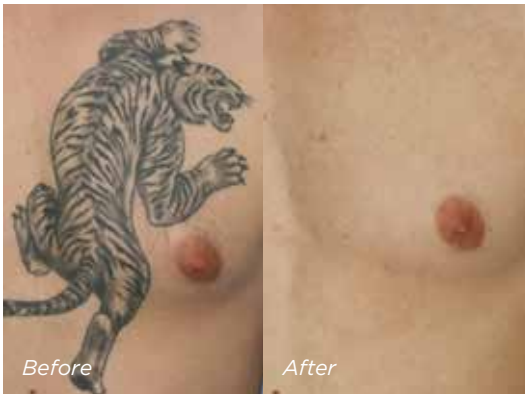
First treatment with a MaQX pulse



Reduced frosting effect



Subsequent MaQX pulses are not blocked from reaching deeper lying pigments



Courtesy of Dr. Leonardo Marini

Tattoo removal with MaQX.

Courtesy of Dr. Jernej Kuković

Tattoo removal with MaQX.

FracRevive

2 in 1 Rejuvenation and Pigment Treatment

- Combining full-spot and fractional treatment
- Minimally invasive
- Safe for all skin types

Courtesy of Nuskinnovation

FracRevive with MaQX.

Courtesy of Fotona.

FracRevive with MaQX.

Courtesy of Nuskinnovation

FracRevive with MaQX.

Pigmentation Removal

- Exceptional results
- Less downtime
- Less invasive

Courtesy of Drs. Julio & Sebastián Vélez Ocampo

Multipulsed freckles treatment with MaQX.

Pigmentation removal with PQX.

Courtesy of Dr. Wong Yeut Sun.

Pigmentation removal with PQX.

Melasma Management

- Safe treatment of resistant melasma
- Low risk of adverse reactions
- High patient tolerability

Courtesy of Dr. Jesse Chong

Melasma management with PQX.

MaQXClear® – StarWalker MaQX Melasma Treatment

StarWalker MaQX's multiple modalities are optimal for treating long-term melasma and other pigmentation disorders.

4 STEPS:

1st Step	2nd Step	3rd Step	4th Step
Q-switched Nd:YAG MaQX 1	**FRAC3 Nd:YAG**	**Fractional Nd:YAG QS MaQX1**	**VERSA Nd:YAG**
Destruction of melanosomes and fragmentation of dermal melanin	Targets melasma's presumed microvascular component	Stimulation of the exchange of keratinocytes and non-thermal rejuvenation of the tissue	Treatment of vascular lesions if they are visible

Courtesy of Dr. Fernando Sperandeo de Macedo.

Courtesy of Drs. Julio & Sebastián Vélez Ocampo.

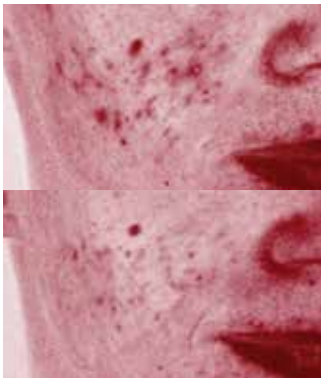
KTP VERDE

for solar lentigos and vascular treatments

Allows for safe and effective removal of ephelides and solar lentigos in patients with FP skin type IV, with no long-lasting adverse effects. Full-face application of long-pulsed KTP can result in improved skin texture and tone.

Courtesy of Drs. Julio & Sebastián Vélez Ocampo

Courtesy of Dr. Chua Cheng Yu



Courtesy of Dr. Urša Fratnik Florjančič

Compression windows for minimizing downtime

Accessory for R28d and R58d

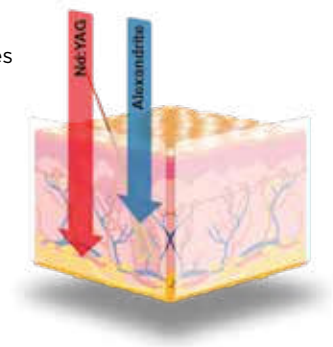
- Minimizes erythema and tissue damage
- Shortens downtime

AvalancheLase®

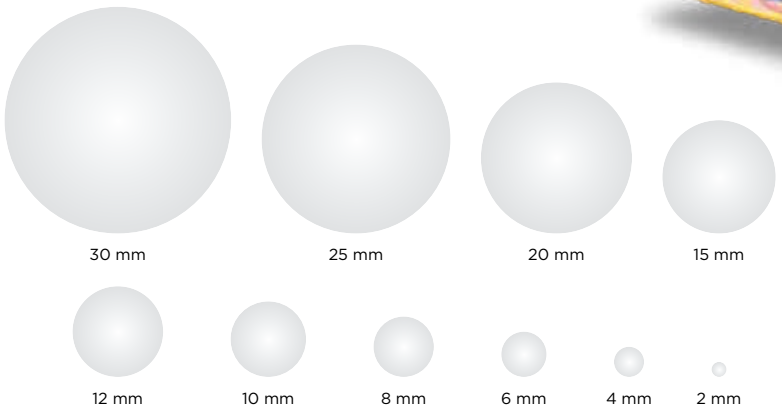
The Ultimate Hair Removal Laser System

Two Wavelengths in One System: Alexandrite (755 nm) and Nd:YAG (1064 nm)

- Unique Avalanche effect for increased comfort and efficacy
- Safe & comfortable treatments with patented CoolMist™ cooling
- Extremely large spot sizes (30 mm) and high frequencies for faster procedures
- Long-lasting results
- Exceptionally fast and effective hair removal
- Suitable for all skin types



Spot sizes

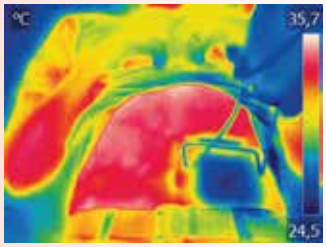


Selectively and efficiently targets hair follicles leaving surrounding tissues unaffected!

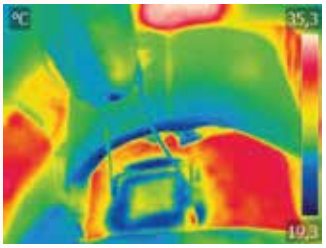
Patented CoolMist™ Cooling Technology

Fotona's revolutionary CoolMist™ skin cooling technology is integrated into the handpieces and scanner to further improve comfort and enhance safety.

No need for an additional cold-air cooling device!



Large area homogeneous skin cooling with CoolMist™



Scanned laser irradiation in combination with CoolMist™

LX-Runner scanner – optimal coverage and speed

- Perfect for treating larger areas
- Dual-wavelength compatibility
- The largest scan area on the market – up to 64 cm^2
- 9 and 11 mm spot sizes
- Integrated CoolMist™ cooling and MatrixView®

R35X Handpiece – innovative solutions for convenience in use

- Modern lightweight design
- Dual-wavelength compatibility
- Different optics options for multiple spot sizes (2, 4, 6, 8, 10, 12, 15, 20, 25 and 30 mm)
- Integrated CoolMist™ cooling and MatrixView®

MatrixView® – skin temperature monitor

- Ensures effective temperature-controlled treatments
- Ultimate patient comfort and safety

Avalanche Effect

The Avalanche effect delivers low-energy laser pulses to the same skin area several times during the same session, causing a gradual increase in absorption of the laser energy within the hair. **This highly effective method improves comfort as well as ease of use.**

Customize the Hair Removal Treatment to Your Patients' Needs

Since discomfort is typically higher during the initial treatment sessions, we suggest starting the treatment plan with the more comfortable Avalanche protocol. Later sessions can be based on the stamping method or can continue with Avalanche. Tailor it according to your patient's needs!

After 3 Tx Avalanche + 3 Tx Stamping

After 6 Tx Avalanche

Results before and at the 6-month follow-up after laser treatments with stamping mode used during the final three sessions (left photos), and with Avalanche mode used during all sessions (right photos).

TimeWalker® Fotona4D®

Laser Specialized for Facial Treatments

- Next-generation aesthetic laser with technology optimized for facial treatments
- The ultimate tool to achieve a natural face lift with no surgery and no downtime, using a comprehensive approach to facial rejuvenation

UNIQUE MODALITY COMBINATION

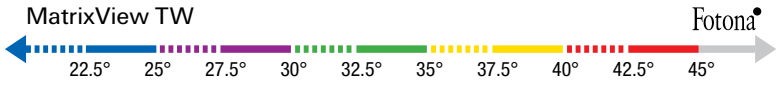
- **Fotona4D®**
- **Fotona4D®Men**
- **SmoothEye®**
- **LipLase®**
- Vascular treatments
- Acne scars
- Facial hair removal
- and more!

Updated graphical user interface with new popular aesthetic applications and preset parameters:

- VectorLift®
- LineLase™
- Scars

MatrixView

Fotona's MatrixView handpiece technology is designed to carefully monitor skin temperature to ensure improved effectiveness and safety of procedures.

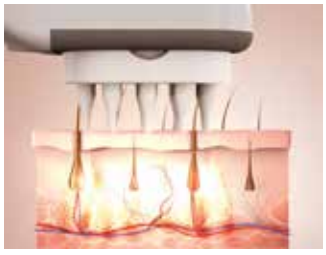


TimeWalker® HAIRestart®

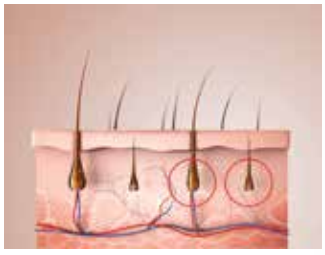
Laser Specialized for Hair Growth Stimulation

Breakthrough technology optimized for laser stimulation of hair growth using the new Fotona **eSTART**® modality.

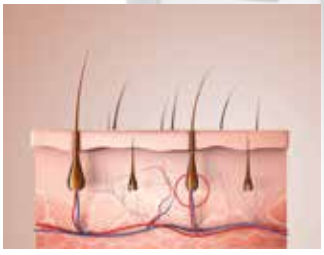
- Prevention of further hair loss
- Increase of hair density and thickness
- Non invasive
- No medications
- No downtime



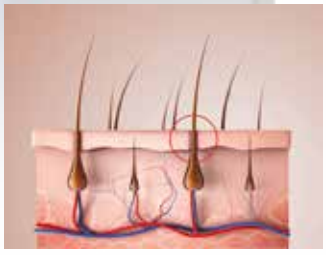
Laser pulses activate specific cell signaling pathways that regulate the hair cycle.



Synthesis of growth factors and new extracellular matrix proteins is activated.



Vasodilation and neoangiogenesis, with increased blood flow to the hair follicle.



Stimulation of the active growth stage of the hair cycle and increase in shaft diameter.

Courtesy of Dr. Ng Hong Yi

Courtesy of Dr. Shingo Minagawa

Courtesy of Dr. Kingsley Mariadasan

Coming soon

SkyWave®

Compact & Portable Line of Dermatological Lasers

The latest laser technology

- Non-ablative Er:YAG with patented Fotona SMOOTH® technology
- Newest Pen line of handpieces for ultimate precision in microablation and surgery
- Selection of 2 high-power diodes enabling additional treatments (1064 nm and 1470 nm)

reddot winner 2020

Wide range of signature Fotona treatments

SkyWave® signature Er:YAG non-ablative aesthetic laser treatments

- SmoothEye®
- LipLase®
- VectorLift®
- SmoothLiftin® – intraoral
- Smooth tightening

SkyWave® Er:YAG ablative laser treatments in aesthetics and dermatology

- Benign lesions
- Scars
- Stretchmarks
- Skin resurfacing
- Microsurgery

SkyWave® 1064 nm and 1470 nm diode laser treatments:

- ComfortLase™ – 1064 nm pain and photobiomodulation treatments
- 1470 nm and 1064 nm surgical applications, such as EVLA, laser lipolysis and more

LA&HA INSTITUTE WORKSHOPS 2023

LA&HA INSTITUTE WORKSHOPS 2023	JUNE	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
DENTISTRY					
LIGHTWALKER® IN DENTISTRY WS				8-10	
FACIAL AESTHETICS AND NIGHTLASE® WORKSHOP WITH LIGHTWALKER®				13-14	
LA&HA MASTER DENTAL, MODULE 1		13-15			
LA&HA MASTER DENTAL, MODULE 2			23-26		
NIGHTLASE SNORING AND APNEA WORKSHOP				20	
AESTHETICS AND DERMATOLOGY					
SP DYNAMIS WS	19-21	25-27		6-8	
STARWALKER MaQX WS			9-10		
TIMEWALKER FOTONA4D® & TIMEWALKER FOTONA4D® PRO			23-24		
SKIN RESURFACING & REJUVENATION WORKSHOP FOR EXPERIENCED SP DYNAMIS USERS, CO-HOSTED BY DR. LEONARDO MARINI			16-17		
IN-DEPTH AESTHETICS & DERMATOLOGY WORKSHOP WITH SP DYNAMIS & STARWALKER, CO-HOSTED BY DR. LEONARDO MARINI				27-28	
GYNECOLOGY					
FUNCTIONAL & AESTHETIC PROCEDURES IN GYNECOLOGY WS		18-20			4-6
SURGERY					
EVLA WS WITH ULTRASOUND EXAMINATION			12-13		
LIPOLYSIS & HYPERHIDROSIS WS			Date on request		

For more information contact: trainings@fotona.com
For registration and more information please visit https://www.fotona.com/en/workshops/
Dates are subject to change.

StarFormer®

Magnetic Body Sculpting and Muscle Strengthening

TightWave®

The missing link to the perfect body

HITS™ High Intensity Tesla Stimulation – Fotona's solution for magnetic stimulation of muscle tissue, resulting in effortless body firming, toning and shaping.

Magnetic stimulation remotely induces electrical currents in the neuronal tissue, providing a **trigger for a muscle contraction**

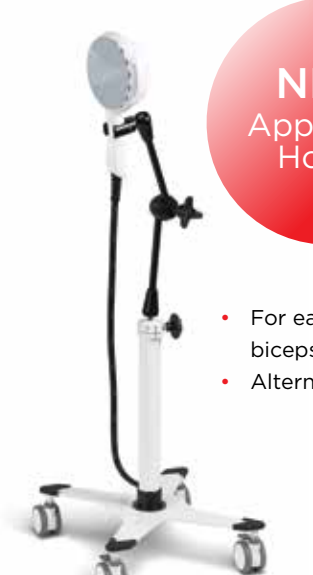
Clinical studies of TightWave® report significant results with respect to:

- Muscle strength
- Endurance
- Muscle power/exercise capacity
- Quality of life related to muscle function
- Muscle size
- High patient satisfaction

NEW
Radial XLarge Applicator for Larger Areas

- 23.5 cm diameter
- The preferred choice for gluts and abdomen muscle stimulation

NEW
Applicator Holder



- For easier application e.g. when treating biceps and triceps
- Alternative to straps

NEW
Advanced
Electronics

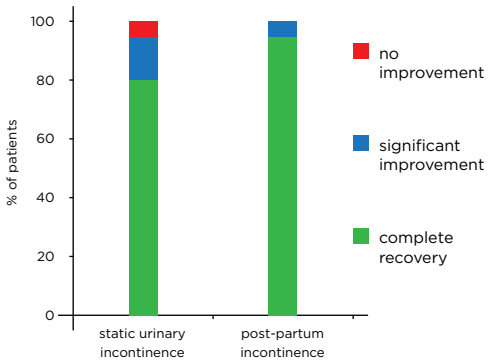
Simultaneous use of two applicators to maximize your clinic's productivity.

IntimaWave®

Treatment of female and male urinary incontinence and other pelvic floor disorders

Numerous clinical studies demonstrate that magnetic stimulation results in significant improvement of:

- Stress / urge / mixed urinary incontinence
- Postpartum incontinence
- Urinary incontinence following (radical) prostatectomy
- Fecal incontinence
- Chronic prostatitis
- Chronic bladder pain syndrome



Effectiveness of HITS™ treatment for urinary incontinence. Adapted from Strumbelj et al.

Lukanovic, D., et al. (2021) **Effectiveness of Magnetic Stimulation in the Treatment of Urinary Incontinence: A Systematic Review and Results of Our Study.**

Vesel, J., et al. (2021) **End User Survey on the Use of High Intensity Tesla Stimulation (HITS®) Magnetic Devices.**

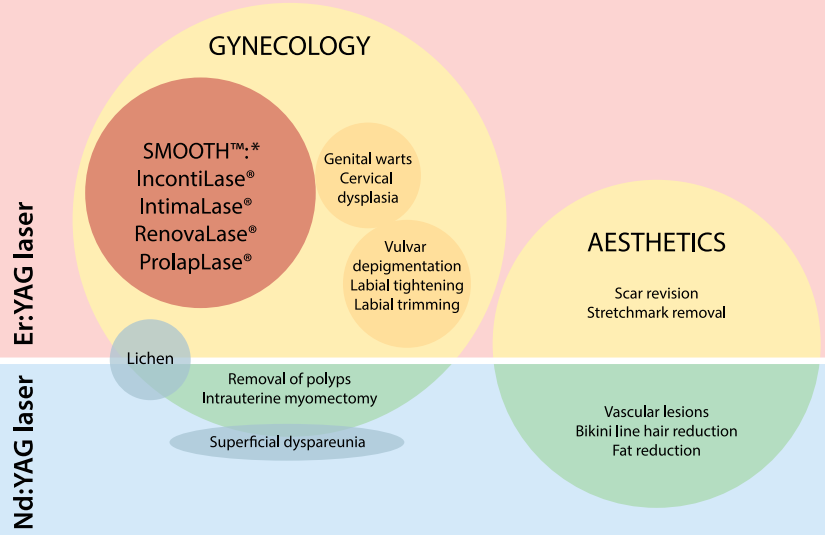
Talaber, I., et al. (2021) **Introduction to High Intensity Tesla Stimulation (HITS) with StarFormer® and Review of Electro-Magnetic Field Device Clinical Applications.**

Lasers Designed for Gynecology

Watch product video

TimeWalker® IntimaLaser® & FotonaSMOOTH®

The next generation of minimally invasive gynecology lasers, offering a broad range of non-ablative Fotona SMOOTH® procedures for treating pelvic floor disorders.



- High-precision **clinical, aesthetic and surgical procedures**
- **Two complementary laser wavelengths** (Er:YAG and Nd:YAG) for an exceptional range of treatments
- Easy to use with preset parameters
- Minimally invasive with quick recovery and high patient satisfaction

G-Runner Robotic Scanner

- Automatic delivery of laser energy
- Optimal accuracy and precision of laser beam delivery
- Optimized treatment time
- Increased comfort and convenience for the operator

Specialized innovative handpieces

- Highest quality bio-compatible materials such as titanium and gold
- Fotona's innovative handpiece technology optimizes the delivery of laser pulses to the treatment area

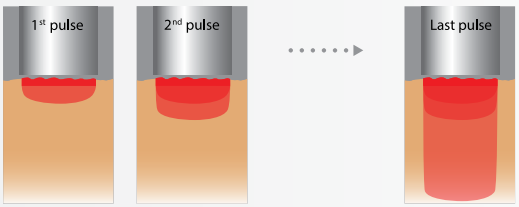
Patented Engineering Solutions

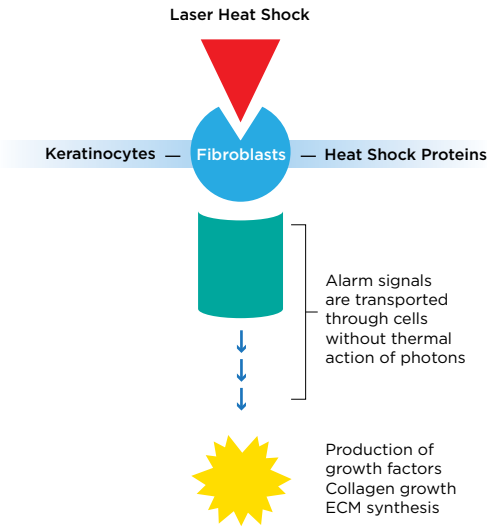
Fotona SMOOTH® mode

FotonaSmooth® delivers patented sequential Er:YAG SMOOTH™ mode laser pulses to the vaginal wall mucosa, generating controlled and optimal distribution of heat within the tissue, enabling collagen remodelling and neo-collagenesis.

SMOOTH™ mode pulse

Optimal sequence fo sub-ablative micro pulses





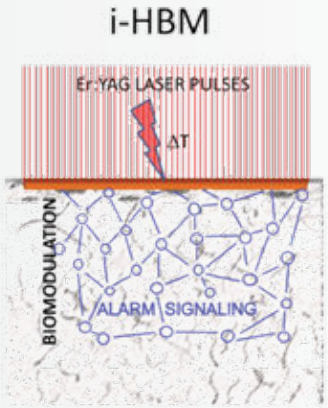
Intense Heat-Shock Biomodulation (i-HBM)

Intense Heat-Shock Biomodulation (i-HBM) has the unique ability to **effectively and safely regenerate** superficially located tissues. The i-HBM hyperthermic therapy is also **self-regulating**, which ensures that the treatment process always remains **within the safe hormetic zone**.

The Principle of Intense Heat-Shock Biomodulation (i-HBM).
When the body's tissue receives stress signals, dermal fibroblasts and epidermal keratinocytes cross-talk to initiate a wound healing process. A laser treatment can generate a short-duration Heat Shock trigger, creating alarm signals that will activate Heat Shock Proteins (HSPs), releasing growth factors and increasing cell proliferation and development of a new extracellular matrix (ECM).

Fotona SMOOTH® Mode i-HBM

The Fotona SMOOTH® Mode i-HBM effect is generated by intense, very short thermal pulses of up to 250°C that create a superficial heat-shock event. This stress will generate a cascade of inter-cellular communication, broadcasting alarm signals that trigger the body's biomodulative repair mechanisms, including fibroblast proliferation, increased collagen production and vascularization.



IncontiLase®

A minimally invasive solution for Stress Urinary Incontinence

How does IncontiLase® work?

- Fotona's 2.94 µm Er:YAG non-ablative laser with proprietary SMOOTH® mode technology
- Improves urethral support by photothermal strengthening of the vaginal wall
- Works on connective tissue in the vaginal mucosa with emphasis on the anterior vaginal wall

IntimaLase®

A truly incisionless laser treatment for Vaginal Relaxation Syndrome

How does IntimaLase® work?

- Photothermally tightens the vaginal canal
- Mechanism of action is based on shrinkage and thickening of the connective tissue in the vaginal wall

RenovaLase®

Vaginal Atrophy / Genitourinary Syndrome of Menopause

How does RenovaLase® work?

- Non-ablative gentle photothermal treatment of the vaginal canal using very low energies that cause mild hyperthermia and induce microvascularisation and tissue regeneration without shrinking the collagen
- Restores normal vaginal mucosa structure and function
- Eliminates the need for long-term estrogen treatment

ProlapLase®

FotonaSMOOTH® mode laser treatment of Pelvic Organ Prolapse

How does ProlapLase® work?

- Photothermal tightening of the tissue and contraction of the vaginal canal stimulating collagen remodeling and the synthesis of new collagen fibers
- A safe and non-invasive alternative to traditional methods
- Incisionless and virtually painless, with no cutting, bleeding or sutures
- Suitable also for higher grade prolapse

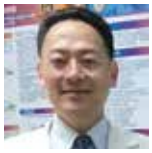
New Research Highlights

Optimization of SUI Treatment Regimen for a Sustained Long-Term Effect:

- Forty-three SUI patients underwent **3 sessions of IncontiLase® with 20-day intervals** between sessions.
- **All outcome measures** showed a significant change over a period of the entire clinical trial.
- High improvement rates and patient satisfaction can be maintained with **single-session** maintenance treatments performed every 6 months.

Gaspar A, Koron N, Silva J, Brandi H. Vaginal erbium laser for treatment of stress urinary incontinence: optimization of treatment regimen for a sustained long-term effect.

Read more



Er:YAG Vaginal Laser Treatment Produces Favorable Anatomical Changes:

- A 6-month study using vaginal topography and 3-D transperineal ultrasound
- Results show symptomatic improvement in **74% of women**
- Anatomical changes of **vaginal shrinkage** and an **improvement of female sexual function** were both noted.

Long CY, Wu PC, Chen HS, et al. Changes in sexual function and vaginal topography using transperineal ultrasound after vaginal laser treatment for women with stress urinary incontinence.

Read more

Enhancing the VEL protocol with a second step of erbium hyperstacking:

- Randomized pilot study analyzed two groups of breast cancer survivors suffering from superficial dyspareunia.
- The reduction in the VEL group was 58% versus 73.5% in the hyperstack group.
- Hyperstack treatment leads to more significant improvement in superficial dyspareunia than VEL treatment alone.

Fidecicchi T, Gaspar A, Gambacciani M. Superficial dyspareunia treatment with hyperstacking of erbium:yttrium-aluminum-garnet SMOOTH laser: a short-term, pilot study in breast cancer survivors.

Read more

SkyTouch®

Compact & Portable Gynecological Lasers

The latest laser technology

- Revolutionary patented Fotona SMOOTH® technology
- Newest Pen handpieces for ultimate precision in microablation and surgery
- High-power 1064 nm diode for additional treatment options
- Unique non-ablative intravaginal and intraurethral treatments

Wide range of signature Fotona treatments

SkyTouch™ Er:YAG laser treatments:

- Fotona SMOOTH® signature intravaginal treatments – IncontiLase®, IntimaLase®, RenovaLase®, ProlapLase®
- Intraurethral Fotona SMOOTH® treatments
- Microablation of benign lesions
- Scars, episiotomy scars
- Stretchmarks
- Skin resurfacing
- Vulvar depigmentation
- Lichen sclerosis
- Er:YAG microsurgery – labiaplasty...

Additional treatments using 1064 nm diode:

- ComfortLase™ – pain and photobiomodulation treatments
- 1064 nm surgery

reddot winner 2020

Award-winning design

9th VELA ACADEMY

INTERNATIONAL GYNECOLOGY FOCUS MEETING

Bologna, Hotel NH Bologna De La Gare
October 7th & 8th 2023

Laser & Health ACADEMY

Sponsors:

Fotona choose perfection

SANTEC

VELA Gala Dinner
@ Museo Ferrari, Maranello

Fotona
choose perfection

Scientific evidence behind the effectiveness and safety of Fotona's gynecological treatments

The latest gynecology Compendium of Clinical Studies contains summaries of selected peer-reviewed research conducted by leading international gynecologists, providing the scientific evidence behind the effectiveness and safety of Fotona's gynecological treatments. Additionally, a list of studies published in over 65 SCI publications with QR codes is added for easy access to official online open-access scientific articles.

Read the Compendium

Compendium of Clinical Studies

Fotona Technology in Gynecology

How to Make the Most of your Fotona Account

3 resources in 1 account - Register your medical device on the Fotona website and gain full access to My Fotona, the Laser & Health Academy website, as well as the Fotona App. The same password and e-mail are valid for all 3 platforms.

Discover patient materials on the Fotona Cloud

What can I use for my practice?
You can find patient leaflets, cards and posters as well as waiting room videos on the Fotona Cloud.

Where can I download the materials for patients? For example - Fotona patient leaflets?
Navigate to: My Fotona > Fotona Cloud > Waiting room materials for patients > Patient Leaflets

Which file to select?
If you wish just to print materials, select the PDF file that end with 'Print'. To customize the materials, make changes to the editable files that can be found in the relevant folder.

Can I customize the patient leaflets?
Yes. Feel welcome to add your practice information and your logo. Adapt it to your needs. You can also translate it or tweak it with your slogan.

Use our official social media visuals from the Fotona Cloud:

Where can I download them?
Navigate to: My Fotona > Fotona Cloud > Social Media > Posts/Templates

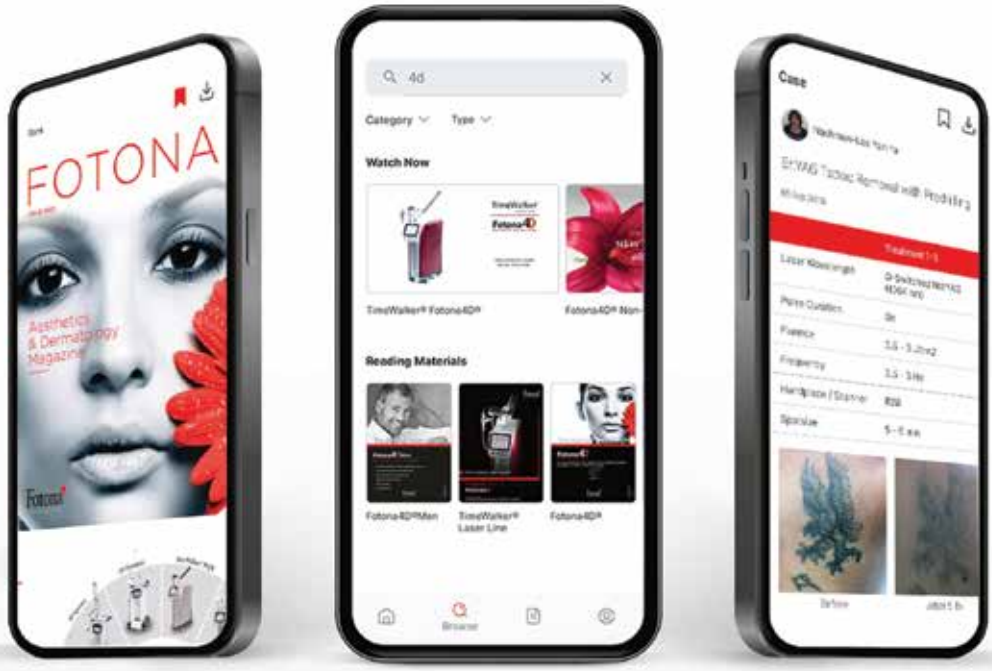
Read the latest clinical notes & articles from the Laser & Health Academy website

Watch videos from the Fotona Video Library

Updated Fotona App

Download here

New version for Android



- New modern design for Android (soon to be released for iOS)
- Personalized & detailed suggestions for your needs
- New user experience
- Added search filters to access information easier and faster
- 930+ videos (webinars, treatment animations, application and product videos)
- 240+ clinical cases from 140+ laser experts

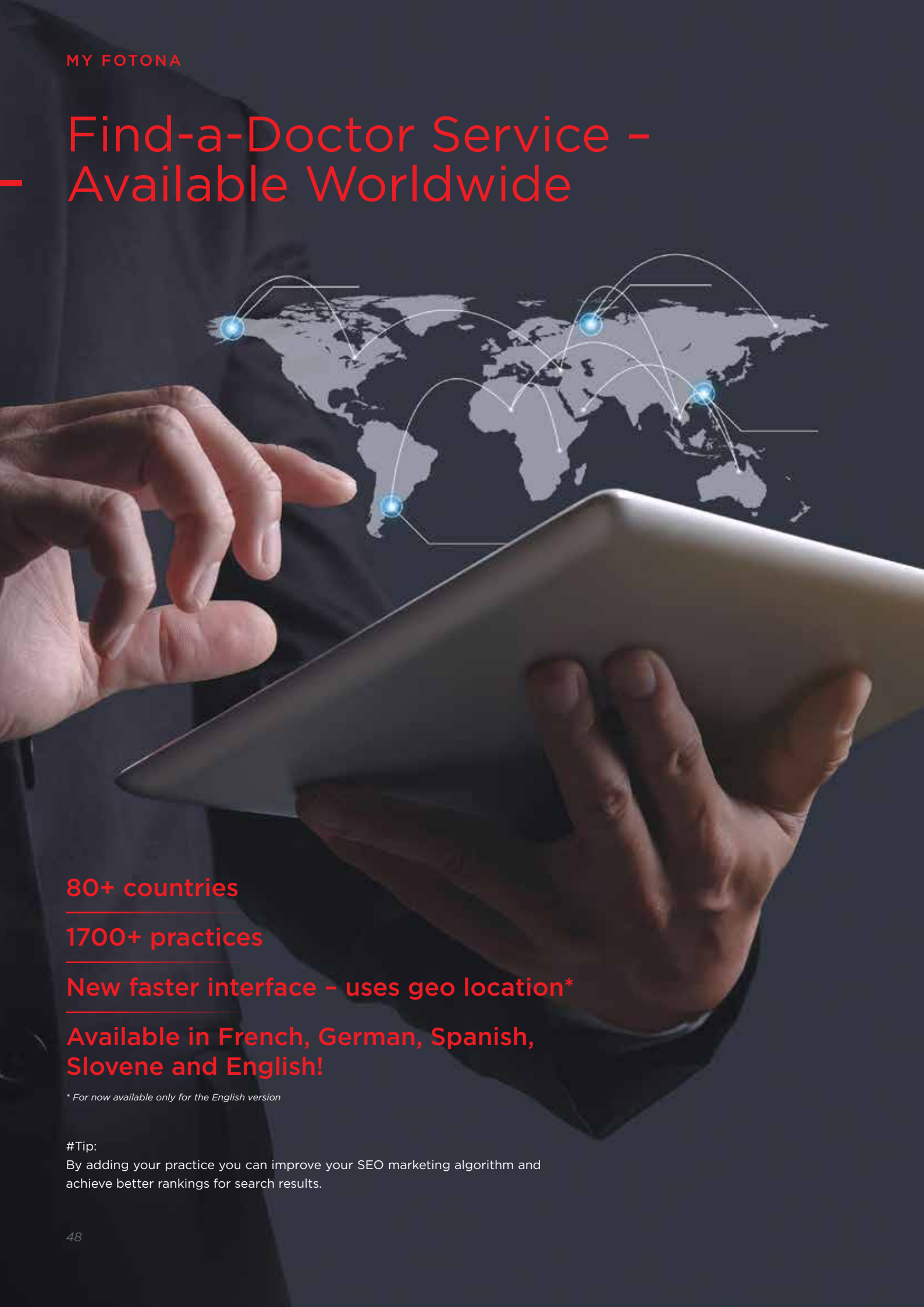
Why use the Fotona app?

It is a fast & convenient tool to access all the latest information on Fotona's technologies, applications and treatment options. By logging in with your Fotona account you can quickly find information on specific parameters used in clinical notes as well as bookmark all content for offline viewing.

Login information

Use the same password and e-mail to log in the app as for My Fotona and the Laser & Health academy. You need to log in as a Fotona user to access treatment parameters and more detailed information.

Find-a-Doctor Service – Available Worldwide



80+ countries

1700+ practices

New faster interface – uses geo location*

Available in French, German, Spanish, Slovene and English!

** For now available only for the English version*

#Tip:
By adding your practice you can improve your SEO marketing algorithm and achieve better rankings for search results.

Use
#IFW2023
for this year's International Fotona Weekend

Social Media 101

1 Don't bite more than you can chew! Commit to only 1-2 platforms as a start.

We suggest starting with Facebook, Instagram or TikTok. Carefully decide what followers you want to attract and provide appropriate content. Users are most engaged with B&A photos, information on procedures, as well as videos of procedures being performed. Try to avoid too many stock images.

2 Use appropriate content for different channels.

Know your audience.

3 Be honest

Stay authentic and realistic when talking about downtime, the number of sessions needed and the expected results. Do not set expectations too high.

4 Respond to your followers

Check direct messages and always reply. Respond to comments and build relationships with your customers.

5 Testimonials

Consumers trust other consumers. Ask patients to write reviews. Collaborate with influencers and grow your business. Just be careful to choose the right people to represent your brand.

6 Don't overuse Hashtags!

Hashtags can be powerful tools, but don't overdo it. If putting too many hashtags in your post, Instagram might read it as spam. We recommend 2-5 hashtags per post. They should be **relevant** and **slightly different** for each post. Do not use the same ones at every post, but spice it up and change your engagement.
Note: You can use hashtag generator apps to help you grow your online presence. For example, we recommend "Hashtag Expert App".

7 Short-form videos, especially reels, are in high demand

The trend is going in the direction of shorter videos that are not overproduced and look authentic, which carries bigger appeal with social media viewers.

8 Take time once or twice a year to catch up with changes in algorithms.

Things change quickly in the digital world.

How to get perfect B&A photos?

Tip #1: Be consistent:
- Make sure that the patient is in the same position and at the same angle in the B&A photos
- Use the same lighting
- Keep the same location - mark the spot on the floor

Tip #2: The tripod is your friend. It keeps the camera stable, keeps it at consistent heights and enables the same camera angle (make sure it is leveled with the ground).

Tip #3: Avoid filters

Tip #4: Get a signed patient consent from the patient. Respect their security and privacy.

Tip #5: Clearly label each photograph. Each photo should contain the name of the procedure and the number of treatments. Patient's initials, treatment area and other information can be added as well. Keep it consistent. For example: Fotona4D_KD_ baseline.

LipLase® tip: the best B&A photos of LipLase® can be made from the side. You can really observe the difference.

Share your cases with us at:
marketing@fotona.com

OVERVIEW OF
FOTONA LASER SYSTEMS

Dynamis

Model	SP Dynamis / SP Spectro / NX Dynamis*		XS Dynamis	XP Dynamis
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
Energy	3 J	50 J	3 J	50 J
Scanner	S-Runner F-Runner T-Runner	S-11 L-Runner	S-Runner F-Runner T-Runner	S-11 L-Runner
Modalities	MSP, SP, LP, VLP, XLP, SMOOTH, TURBO	FRAC3®, VERSA, PIANO, QCW	MSP, SP, LP, VLP, XLP, SMOOTH, TURBO	FRAC3®, VERSA, PIANO, QCW
Cooling system	CoolMist*			

StarWalker

Model	StarWalker QX	StarWalker MaQX	Starwalker PQX
Laser type	Nd:YAG/KTP	Nd:YAG/KTP	Nd:YAG/KTP
Wavelength	1064 nm 532 nm 585 nm 650 nm	1064 nm 532 nm 585 nm 650 nm	1064 nm 532 nm
Energy	2.5 J	10 J	800 mJ
Modalities	MaQX-1, MaQX-2, FraQ3, VERSA3	MaQX-1, MaQX-2, MaQX-5, MaQX-10, FraQ3, VERSA3, VERDE	PICO

AvalancheLase

Model	AvalancheLase LXP	
Laser type	Alex	Nd:YAG
Wavelength	755 nm	1064 nm
Power	130 W	120 W
Scanner	LX Runner	LX Runner
Modalities	ACCELERA, VERSA, PIANO, AVALANCHE	FRAC3, VERSA, PIANO, AVALANCHE
Cooling system	CoolMist	

TimeWalker

Model	Fotona 4D		Fotona 4D PRO		HAIRestart	TimeWalker IntimaLaser®	TimeWalker IntimaLaser® PRO	
Laser type	Er:YAG	Nd:YAG	Er:YAG	Nd:YAG	Er:YAG	Er:YAG	Er:YAG	Nd:YAG
Wavelength	2940 nm	1064 nm	2940 nm	1064 nm	2940 nm	2940 nm	2940 nm	1064 nm
Power	12 W	30 W	20 W	30 W	20 W	12 W	20 W	30 W
Energy	0.9 J	10 J	1.5 J	20 J	1.5 J	0.9 J	1.5 J	20 J
Modalities	MSP, SMOOTH	FRAC3, PIANO	MSP, SP, LP, VLP, SMOOTH	FRAC3, PIA-NO, VERSA, LLLT	MSP, SP, LP, VLP, SMOOTH	MSP, SMOOTH	MSP, SP, LP, VLP, SMOOTH	FRAC3, PIA-NO, VERSA, LLLT

XPulse Line

Model	XPulse			XPulse II	
Wavelength	810 nm	980 nm	1064 nm	445 nm	810 nm
Power	8 Watts	12 Watts	10 Watts	4 W	8 W

StarFormer

Model	Fotona StarFormer
Input Voltage:	100-240V AC, 50-60 Hz
Power	1500 VA
IP protection	IPX0
IEC 60601/1 classification:	Class I, Type BF
MDD 93/42/EEC classification:	Class IIa
Treatments:	TightWave®, IntimaWave®

Fotona SMOOTH

Model	FotonaSmooth XS	FotonaSmooth SP	
Wavelength	2940 nm	2940 nm	1064 nm
Power	20 W	20 W	35 W
Energy	3 J	3 J	50 J
Modalities	MSP, SP, LP, VLP, XLP, SMOOTH	MSP, SP, LP, VLP, XLP, SMOOTH	Frac3, VERSA, PIANO, QCW

SkyWave

Coming soon

Model	SkyWave
Wavelength	Er:YAG
Diodes	Optional

SkyTouch

Coming soon

Model	SkyTouch
Wavelength	Er:YAG
Diodes	Optional

LightWalker

Model		AT S	ST-E Advanced	ST-E Pro
Er:YAG	Power (W)	20	20	12
	Energy (mJ)	1500	1500	900
	Modes	SWEEPS, QSP, MAX, SSP, MSP, SP, LP, VLP, SMOOTH	SWEEPS, QSP, MAX, SSP, MSP, SP, LP, VLP, SMOOTH	SWEEPS, SSP, MSP, SP, LP, VLP
	Optical delivery	OPTOflex	OPTOflex	OPTOflex
Nd:YAG	Power (W)	15		
	Modes	MSP, SP, VLP, 15 ms, 25 ms		
	Optical delivery	Dual Fiber System		
General	Spray temperature regulation	✓	✓	✓
	Handpiece autodetection	✓	✓	✓
	Digital handpiece	✓	✓	-
	Dermatology	✓	✓	-
	Green pointer	✓	✓	✓

SkyPulse

Model		SkyPulse Endo	SkyPulse Plus	SkyPulse Multi-3/-4
Er:YAG	Power (W)	1.5	4.2	4.2
	Energy (mJ)	100	300	300
	Modes	AutoSWEEPS, R-SWEEPS, SSP ENDO, USP ENDO, SP	AutoSWEEPS, R-SWEEPS, SSP ENDO, USP ENDO, SSP, MSP, SP, LP, VLP, QSP	AutoSWEEPS, R-SWEEPS, SSP ENDO, USP ENDO, SSP, MSP, SP, LP, VLP, QSP, TANDEM
	Optical delivery	UNIflex	UNIflex	UNIflex
	Diode			Included

Aesthetics & Dermatology

R11

PS03X
Er:YAG
Spot size 2-7 mm
Patterned spot

PS03X

Er:YAG
Collimated
Spot size 2-7 mm
Patterned spot

FS01

Er:YAG
Spot size 250 µm
Fractional
9 mm x 9 mm
81 spots

R04

Er:YAG
Focused
Spot size 2-12 mm
Full spot

R08

Er:YAG
Focused
Spot size 0.45 mm
Full spot

Pen-1

Er:YAG
Collimated
Spot size 1 mm

X-Restart

Er:YAG
Fractional beam
SMOOTH or Ablative mode

LA adapter

Er:YAG
Adapter for PS03 and R11
Intraoral treatments

F-Runner

Er:YAG
Spot size 250 µm
Fractional
12 mm x 14 mm Adjustable 12 mm x 14 mm

S-Runner

Er:YAG
Full beam
Spot size 4 mm
Adjustable 40 mm x 40 mm

T-Runner

Er:YAG
Full beam
SMOOTH mode
Spot size 4 mm
Adjustable 62.5 cm²

S11

Nd:YAG
Spot size 3,6,9 mm
Area 65 mm x 65 mm
Frac3, VERSA

L-runner

Nd:YAG
Spot size 3, 6, 9, 11 mm
Area 65 mm x 65 mm
Frac3, VERSA, PIANO

R33T

Nd:YAG
Spot size 2-10 mm
MatrixView

R34T

Nd:YAG
Spot size 15, 20 mm
MatrixView

R27C

Nd:YAG
Small surgical HP
For 600, 1000 micron fibers

R27

Nd:YAG
Surgical HP
For 600, 1000 micron fibers

R35-Nx

1064nm
spot sizes 2-20 mm

Nx-Runner

1064nm
spot sizes 9 mm, 11mm
area up to 64 cm²

StarWalker

R28

1064 / 532 nm
2 - 8 mm circle

R29

1064 / 532 nm
2 H, 2, 3, 10, 12.5, 20 mm
circle

R58

532 nm
1.5 - 6 mm circle

R585

585 nm
2, 3, 4 mm circle

R650

650 nm
2, 3, 4 mm circle

FS20A

1064 nm
9x9 mm fractional, 81 pixels

FS20B

1064 nm
5x5 mm fractional, 25 pixels

FS50

532 nm
9x9 mm fractional, 25 pixels

Black & Green

1064/532 nm
3x3 to 10x10 mm
square

DuoDot & DuoHigh

1064/532 nm
1-3 mm
circle

Black F9

1064 nm
9x9 mm
fractional, 81 pixels

Black F5

1064 nm
5x5 mm
fractional, 25 pixels

Green F5

532 nm
5x5 mm
fractional, 25 pixels

Movit

1064 / 532 nm
fractional and full spot

LIOB spacer -3

1064 nm
spacer for fractional HP

AvalancheLase

R35 X

755/1064 nm
spot size 2-30 mm

LX Runner

755/1064 nm
spot size 9 mm, 11 mm
area up to 64 cm^2

Gynecology

R11

Er:YAG
Collimated
Spot size 2-7 mm
Full spot

PS03X

Er:YAG
Collimated
Spot size 2-7 mm
Patterned spot

Angular adapter

IncontiLase treatment: 90° angular golden-mirror titanium adapter

Circular adapter

IntimaLase treatment: 360° circular golden-mirror titanium adapter

SClear speculum

Glass single-use speculum

MClear speculum

Glass single-use speculum

GClear speculum

Glass single-use speculum

Wired speculum

Wired metal autoclavable speculum

G-Runner

Robotic scanner for fully automated gynecological treatments

R09-2G

Er:YAG
Collimated
Spot size 4 mm (at a distance 0-5 cm)
Full spot
With a tube for gynecology

R09-2Gu

Er:YAG
Collimated
Spot size 4 mm (at a distance of app. 1 cm)
Full spot
With a tube for gynecology

FS01

Er:YAG
Spot size 250 µm
Fractional
9 mm x 9 mm
81 spots

MarcCo Handpieces*

MarcCo S

Unique collimated homogeneous Nd:YAG beam with 10 mm spot size

MarcCo M

Unique collimated homogeneous Nd:YAG beam with 24 mm spot size

MarcCo L

Unique collimated homogeneous Nd:YAG beam with 43 mm spot size

* Must be conected with optical fiber compatible with specific laser devices.

Dentistry

H02

Tipless (non-contact), 90°-angled Er:YAG handpiece

H14-N

90° degree tipped Er:YAG handpiece

H14-NS

Straight tipped Er:YAG handpiece

H14-NE

90° degree tipped Er:YAG handpiece without spray nozzles

R15

Dermatological, straight handpiece, with collimated 3mm spot size

R16

Dermatological, straight handpiece, with collimated 7 mm spot size

R17

Non-contact Er:YAG straight handpiece with collimated beam at 5 mm spot size

R21-C3

300 µm fiber-optic Nd:YAG handpiece

R21-C2

200 µm fiber-optic Nd:YAG handpiece

GENOVA

Unique collimated homogeneous Nd:YAG beam with 1 cm^2 spot size

LA ADAPTER

Intraoral adapter for Er:YAG (R16) and Nd:YAG (Genova and MarcCo S) handpieces

R30-A

Nd:YAG aesthetic and dermatological handpiece with a variable 2 to 8 mm spot size

PS04

Pixel structure Er:YAG handpiece with 7 mm spot size

X-Runner

Er:YAG digitally controlled dental handpiece. Different shapes and spot sizes (up to 6x6 mm) can be selected in advance.

NOTES

NOTES

ONE FAMILY TOGETHER









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Groups:

Fotona Family Group (Fotona employees, distributors)
Fotona SP Dynamis Users Group (Dynamis users)
International LightWalker Users Group (Dentistry)
LightWalker User Group (USA, Dentistry)
Fotona Medical Laser Users Group (All Fotona users)
FOTONA (All Fotona users)

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