

FOTONA

IFW 2019 ISSUE

www.fotona.com

MAGAZINE



international
FOTONA WEEKEND **2019**



symposium
LASER & HEALTH ACADEMY

IFW 2019

May 22 – 25, Bled

Dear member of the Fotona Family,

Welcome to the **16th International Fotona Weekend and 9th LA&HA Symposium** in Bled, Slovenia, where the Fotona Family is gathering together to share ideas, celebrate our accomplishments and enjoy our family-like connections in a relaxed and friendly atmosphere in the heart of the Slovenian Alps.

Our educational journey begins on Wednesday, May 22nd with our Fotona distributor meeting, which will focus on the latest product developments along with in-depth training provided by Fotona experts in the fields of Aesthetics, Gynecology and Dentistry. On Thursday we'll open the stage for our **Fotona Distributor Presentations** led by our esteemed distribution partners.

The **9th Annual Laser & Health Academy Symposium**, co-hosted by Fotona, will take place on Friday and Saturday, offering two full days of intensive learning about the latest laser studies and medical research, as well as getting to know the ever-expanding community of LA&HA medical professionals.

Last but certainly not least, the LA&HA Team will once again be offering a series of **post- Symposium hands-on workshops** exclusively for IFW & Symposium attendees, led by some of LA&HA's top clinical specialists.

We are excited to be your host for the 16th IFW and 9th LA&HA Symposium. Let the unforgettable experience in Slovenia begin!

Dr. Matjaz Lukac
Fotona, d.o.o.



Slovenia's Gem in the Heart of the Alps

Welcome to Bled, a small picturesque town located in the heart of the Slovenian Alps.

Surrounded by immense natural beauty, Bled ranks among the most stunning alpine resorts, renowned for its mild, healing climate. The beauty of the mountains reflected on the lake, the sun, the serenity and the fresh air attracts visitors from all over the world throughout the year, guaranteeing a relaxing atmosphere. Once you've seen it you will want to return again and again!

Distributor Meeting, May 22nd – 23rd
And LA&HA Symposium, May 24th – 25th

Wednesday, May 22nd	
08:00 - 09:00	Registration
09:00 - 16:00	Distributor Meeting Day 1 (Hall Arnold)
09:00 - 09:30	Welcome Address
09:30 - 10:00	Sales Warm-up
10:00 - 10:30	The Fotona Family of Dental Lasers is Now Larger!
10:30 - 11:00	Avalanche Hair Removal Laser
11:00 - 11:30	<i>Coffee Break</i>
11:30 - 12:15	Fotona's Unique Laser Treatments in Aesthetics
12:15 - 13:15	Clinical Evidence of Fotona SMOOTH®
13:15 - 15:00	<i>Lunch Break</i>
15:00 - 15:30	Fotona's Continued Leadership in New Treatments
15:30 - 15:45	NightLase® - a Multi-billion Market Opportunity
15:45 - 16:00	First Day Wrap-up
18:00 - 22:00	Social Program
Thursday, May 23rd	
08:00 - 09:00	Registration
09:00 - 17:30	Distributor Meeting Day 2 (Hall Arnold)
09:00 - 09:45	The Highest Performance, Best Made Lasers in the World - Dental Systems Update
09:45 - 10:30	The Highest Performance, Best Made Lasers in the World - Aesthetic Systems Update
11:00 - 11:30	<i>Coffee Break</i>
11:30 - 11:50	Sales Activities Update
11:50 - 12:20	Marketing and Support
12:20 - 12:30	Regulatory Issues
12:30 - 13:15	Creating Relevance through Niche Marketing - Pigmentation Disorders - Mr. Marcelo Tettamanti (Latin America)
13:15 - 13:30	Laser Toning Subscription Model & Dynamis Sales Concept - Mr. Kevin Nose-worthy (Canada)
13:30 - 15:00	<i>Lunch Break</i>
15:00 - 15:15	Achieving High Levels of Consistent Sales - Ms. Denise Clements (USA)
15:15 - 15:30	LightWalker Sales & Dental Mastership - Mr. Paul Baltas (Australia)
15:30 - 15:45	VELA Studies Update & VELA Meeting Invitation - Mr. Genesio Grassiri (Italy)
15:45 - 16:00	LA&HA Training Center - Dr. Jorge Gaviria (Venezuela / Spain)
16:00 - 16:30	Q&A Session
16:30 - 17:30	Grand Finale with Diplomas and Sales Award
19:00 - 22:00	Social Program

LA&HA Symposium

Friday, May 24th	
07:30 - 09:00	Registration Please check in at the registration desk before the Symposium starts (07:30 - 09:00).
09:00 - 17:15	<i>Aesthetics, Dermatology and Surgery (Hall Arnold)</i>
09:00 - 09:30	Session 01: Lasers in Aesthetics, Dermatology and Surgery I - Plenary Gaspar: TightSculpting® using V-Smooth and T-Runner
09:30 - 10:00	Velez S.: New Protocol for Long-term Results in Melasma Treatments Using an Nd:YAG Multipulse Skin Conditioning Approach
10:00 - 10:30	Badawi: Selected Cases Treated with Fotona Lasers
10:30 - 11:00	<i>Coffee Break</i>
11:00 - 11:30	Session 02: Lasers in Lasers in Aesthetics, Dermatology and Surgery II - Plenary Nuzziard: Hair Restoration - US Experiences
11:30 - 12:00	TBA: Latest in Hair Removal
12:00 - 12:30	Taylor: Fractional Ablative Qs Nd:YAG for Scars and other Laser Pearls
12:30 - 14:00	<i>Lunch Break</i>
14:00 - 14:30	Session 03: Lasers in Aesthetics, Dermatology and Surgery III - Fotona4D® and SmoothEye™ Miyata: Improvement of Lower Eyelid Shape by Transconjunctival Er:YAG Laser Irradiation
14:30 - 14:50	Panchaprateep: The Efficacy of 3 Different Modes of Combined Er:YAG and Nd:YAG for Lower Eyelid Rejuvenation
14:50 - 15:10	Gaspar: Fotona4D® - 5 Years of Experience in Minimally Invasive Laser Facial Rejuvenation
15:10 - 15:30	Gaviria: Mapping for Fotona4D®
15:30 - 15:45	<i>Coffee Break</i>
15:45 - 16:05	Session 04: Lasers in Aesthetics, Dermatology and Surgery IV - Fotona4D® and TightSculpting® Zorman: T-Runner for Skin Tightening
16:05 - 16:35	Phillips: Assessment of the Efficacy and Sustainability of TightSculpting® on the Abdominal Area Using the Fotona TightSculpting® Protocol
16:35 - 16:55	Kemeny: Efficacy and Safety of Fotona TightSculpting®
16:55 - 17:15	Chang / Vizintin: Fotona4D® on Asian Skin
09:00 - 17:30	<i>Gynecology and Urology (Hall Zrak)</i>
09:00 - 09:30	Session 01: Lasers in Gynecology I Vizintin: Update on Fotona SMOOTH® in Gynecology
09:30 - 10:00	Gaviria: G-Set and G-Runner for Ablative Treatments of the Vaginal Wall
10:00 - 10:30	Gaspar: Histological, Cytological and Clinical Correlations after Renovalase as a Guide to Prescribing Treatment
10:30 - 11:00	<i>Coffee Break</i>
11:00 - 11:30	Session 02: Lasers in Gynecology II Gambacciani: Sexual Function and Long-term Efficacy of Vaginal Erbium Laser: the Results of a Large Italian Multicentric, Prospective Study on GSM
11:30 - 12:00	Novakov-Mikić: Erbium Laser Treatment for Episiotomy Scars - 12 Months Follow-up
12:00 - 12:30	Gaspar: Effect of Erbium SMOOTH on Recurrent Vaginal Candidiasis with One-Year Follow-up
12:30 - 13:00	Munst: Two-Year Follow-up Data after Erbium:YAG Laser Therapy for Female Stress Urinary Incontinence
13:00 - 13:30	Li: Clearing the Genital Human Papillomaviruses with a Combination of Ablative and Non-ablative Mode of Er:YAG Laser
13:30 - 14:00	Vizintin: Safety of Fotona SMOOTH® for Minimally Invasive Treatments in Gynecology
14:00 - 15:00	<i>Lunch Break</i>
15:00 - 15:20	Session 03: Lasers in Gynecology III Erel: Non-ablative Er:YAG Laser in the Treatment of SUI and MUI in 82 Women - Which Factors Influence the Efficacy of the Treatment?
15:20 - 15:30	Erel: Er:YAG Laser Treatment in Women with Stress Urinary Incontinence after Hysterectomy: Preliminary Study
15:30 - 15:50	Su: Preliminary Outcome of Non-ablative Vaginal and Intraurethral Er:YAG Laser Treatment for Female SUI and MUI
15:50 - 16:10	Del Campo Rodríguez: Fotona IncontiLase® Effects on Urinary Incontinence and its Impact on Quality of Life
16:10 - 16:30	Session 04: Male Health Vizintin: Update on Fotona SMOOTH® in Urology
16:30 - 16:50	Kotb: Er:YAG Laser Treatment of Chronic Resistant Prostatitis
16:50 - 17:10	Gaspar: Urological Experience at Uroclinica using Erbium SMOOTH® in Men
17:10 - 17:30	Torrecillas: Non-ablative SMOOTH® Erbium Laser Treatment for Male Stress Urinary Incontinence

09:00 - 17:50	<i>Dentistry (Hall Sonce)</i>
09:00 - 09:10	Malej Primc: Welcome Address
09:15 - 09:35	Ivanusic: SkyPulse: A laser for my practice
09:40 - 10:10	Kriznar: A Modern Approach to Endodontic Treatment using LAI (PIPS® and SWEEPS®)
10:15 - 10:30	Olivi: SWEEPS®: Correct Parameters for Different Anatomies
10:35 - 11:15	Lesniak: A Non-invasive Application of Er:YAG Laser for De-cementation of Prosthetic Restorations
11:20 - 11:50	<i>Coffee Break</i>
11:50 - 12:30	Snjaric: Laser-assisted Adhesion in Restorative Dentistry - Myths and Reality
12:35 - 13:15	Olivi: Laser Applications of Labial and Lingual Frenula: a Simplified and Predictable Technique
13:20 - 14:00	Maden: Back to Basics with Soft-tissue Surgery and Periodontitis Treatment
14:00 - 15:15	<i>Lunch Break</i>
15:15 - 15:40	Via: The Challenge of Maintaining Multi-Rooted Teeth
15:40 - 16:20	Simunovic: Photobiomodulation, Photodynamic Therapy and Photothermal Therapy: The Actual State-of-the-Art of Different Evidence-based Aspects of Daily Therapeutic Low-Energy Applications, Following the Optical Window at Different Wavelengths
16:25 - 17:05	Shiffman: When Laser Dentistry Meets Beauty
17:10 - 17:50	Monteiro: NightLase® in the Hands of a Dental Medicine Professional
19:00	Fotona Party
08:00 - 09:00	Saturday, May 25th Registration Please check in at the registration desk before the Symposium starts (08:00 - 09:00).
09:00 - 17:50	<i>Aesthetics, Dermatology and Surgery (Hall Arnold)</i>
09:00 - 09:15	Session 06: Lasers in Aesthetics, Dermatology and Surgery V - Pigmentations
09:15 - 09:30	Velez J.: Highly Effective Freckle Treatment Protocol
09:30 - 09:45	Chia: Treatment of Recalcitrant Melasma with Fractional Erbium:YAG, Fractional Q-Switched Nd:YAG and Long Pulsed KTP Laser
09:45 - 10:00	Chang / Vizintin: Angel White for Pigmentations on Asian Skin
10:00 - 10:15	Sonmezoglu: Q-Switched Laser Treatments of Melasma and Other Pigmented Lesions
10:15 - 10:30	Yurteri: Treatment of Pigmented Lesions with StarWalker
10:30 - 10:45	<i>Coffee Break</i>
10:45 - 11:15	Session 06: Lasers in Aesthetics, Dermatology and Surgery VI - Tattoo Removal
11:15 - 11:30	Kukovic: FracTat for Tattoo Removal
11:30 - 11:45	Sonmezoglu: Laser Tattoo Removal
11:30 - 11:45	Gansel: Shock Waves - Enhancing Laser Tattoo Removal?
11:45 - 12:00	Session 07: Lasers in Aesthetics, Dermatology and Surgery VII - Hair Restoration
12:00 - 12:15	Vizintin: Hair Restoration Overview
12:15 - 12:30	Tlaker: Hair Restoration using SMOOTH Mode Er:YAG
12:30 - 14:00	Ch'ng: Erbium:YAG Hair Stimulation, an Asian Experience <i>Lunch Break</i>
14:00 - 14:15	Session 08: Lasers in Aesthetics, Dermatology and Surgery VIII - Vascular Lesions
14:15 - 14:30	Florijancic Fratrik: VERDE for Vascular Lesions
14:30 - 14:45	Kolodchenko: Use of StarWalker MaQX for Treatment of Resistant PWS. A Case Presentation
14:45 - 15:00	Terekhov: The Effectiveness of Fotona SP Laser for the Treatment of Congenital Capillary Angiodysplasia of the Face
15:00 - 15:15	Suljagic O.: Treatment of Vascular Lesions with Long Pulse KTP
15:15 - 15:30	Session 09: Lasers in Aesthetics, Dermatology and Surgery IX - Laser Facial Rejuvenation
15:30 - 15:45	Aslan: 5 Years of Experience in the Use of Full-field and Fractional Ablative Er:YAG Laser for Facial Skin Rejuvenation
15:45 - 16:00	Santos: NextD Laser Facial Rejuvenation
16:00 - 16:10	Mikayilova: Facial Rejuvenation Using a Combination of Various SP Dynamis Modalities
16:10 - 16:20	<i>Coffee Break</i>
16:20 - 16:30	Session 10: Lasers in Aesthetics, Dermatology and Surgery X - Laser Surgery with Er:YAG and Nd:YAG
16:30 - 16:40	Matyunin: Laser Treatments of Some Complicated Cases
16:40 - 16:50	Teovska Mitrovska: Treatment of Benign Papilloma in the Oropharynx With Erbium:YAG Laser
16:50 - 17:00	Suljagic E.: Fractional Ablative Qs Nd:YAG - The Minimally Invasive Laser Therapy for Acne Scars
17:00 - 17:10	Igumnov: Lipomodelling of the Lower Third of the Face and Neck using Laser-assisted Liposuction

16:40 - 16:50	Session 11: Lasers in Aesthetics, Dermatology and Surgery XI - Miscellaneous
16:50 - 17:00	Schulz: Are There Satisfying Long-term Effects After Laser Treatments?
17:00 - 17:10	Shanina: Treatment of Post-Traumatic "Tattoos" of the Face
17:10 - 17:20	Teovska Mitrovska: Treatment of a Variety of Dermatological Diseases and ENT Problems with Er:YAG and Nd:YAG Laser
17:20 - 17:30	Giryes: The Challenge of Using Er:YAG Laser for Achieving Mycological Cures in Onychomycosis
17:30 - 17:40	Fernandez Ochando: The Snoring Patient Journey
17:40 - 17:50	Moey: Combination of Cryolipolysis and Hyperthermic Laser for Non-invasive Body Contouring Treatment
17:50 - 18:00	Mercik: Eyelift, Lips Enhancement and Smokers' Lines Reduction
09:00 - 13:50	<i>Gynecology and Urology (Hall Zrak)</i>
09:00 - 09:20	Session 05: Lasers in Gynecology IV
09:20 - 09:40	Gaviria: Treatment of Rectoceles using G-Runner
09:40 - 10:00	Gomez Friero: Application of Erbium:YAG Laser for SUI in Women: Literature Versus the Reality of our Practice
10:00 - 10:20	Mitsuyuki: Comparison of Fotona SMOOTH® Laser Treatment and other Energy-based Device Therapies in the Treatment of VRS and GSM
10:20 - 10:40	Session 06: Lasers in Gynecology V
10:40 - 11:00	Panzitt: Intraurethral Laser Treatment of Patients with Mixed Urinary Incontinence (MUI)
11:00 - 11:30	Pancholia: The First Indian Report about the use of Fotona SMOOTH® in Gynecology
11:30 - 11:50	Alper: Laser Treatments in Vaginal Restoration: Where is the Evidence?
11:50 - 12:10	<i>Coffee Break</i>
12:10 - 12:30	Session 07: Lasers in Gynecology VI
12:30 - 12:50	Carazo: Nd:YAG Laser for the Treatment of Vaginismus
12:50 - 13:10	Lazzaletta: Effects of Sub-ablative Erbium:YAG Laser on Vaginal Microbiota, for the Management of Vaginal Dysbiosis
13:10 - 13:30	Regenyi: Experience with 2 Years of Laser Labioplasty
13:30 - 13:50	Session 08: Lasers in Gynecology VII
13:50 - 14:00	Gaviria: Non-ablative Vulvar Whitening using StarWalker Q-switched Laser
14:00 - 14:10	Peev: Treatment of Vulvar Leukoplakia with Er:YAG
14:10 - 14:20	Cybulska: Removal of Genital Warts using VSP Erbium YAG Laser Ablation - A Case Study
14:20 - 14:30	Okui: Efficacy and Safety of Combination Therapy Using both Non-ablative Vaginal Er:YAG Laser Treatment and β3-adrenoceptor Agonists for OAB: A Pilot Study
14:30 - 14:40	<i>Lunch Break</i>
09:00 - 16:45	<i>Dentistry (Hall Sonce)</i>
09:00 - 09:05	LA&HA Master's Program - Boost Your Professional Career
09:05 - 09:10	LA&HA Master Student Case - Nixon: Alveolar Preservation Following Tooth and Cyst Removal Utilising Emerging Technologies
09:10 - 09:20	Nguyen: Applications of the FS01 Fractional Handpiece for LightWalker Users
09:20 - 09:40	Nowosielski: Star Wars in my Dental Office?
09:40 - 10:00	Rose: Removal of Orthodontic Splints (a new LightWalker Application?)
10:00 - 10:05	Mir: New Approach to Dental Pulp Diagnosis, Capping or Treating
10:05 - 10:10	Pasquale: Peri-implantitis: Non-surgical Combined Laser Treatment: GBT, Er:YAG, Nd:YAG
10:10 - 10:15	<i>Coffee Break</i>
10:15 - 10:20	Milc: Dental Treatment with the Fotona LightWalker Laser in Pediatric Dentistry
10:20 - 10:25	De Moor: The Evolution of the Bubble: Does it Matter?
10:25 - 10:30	Marques: Er:YAG Laser-Assisted Flapless Esthetic Crown Lengthening guided by Digital Smile Design (DSD): A Case Report
10:30 - 10:35	El Feghali: Post-operative Quality of Life Following Conventional Endodontic Intra-canal Irrigation Compared to Laser-activated Irrigation: A Randomized Clinical Study
10:35 - 10:40	Maleca: Laser Alveolar Preservation
10:40 - 10:45	Wall: SWEEPS® Protocol in Preparing Extraction Sites for Immediate Zirconia Implant Placement
10:45 - 10:50	Göfteci: Treatment of Peri-implantitis by Er:YAG Laser - Decontamination and a Regenerative Surgical Approach
10:50 - 10:55	<i>Lunch Break</i>
10:55 - 11:00	Karaiskaki: Combined Application of Nd:YAG and Er:YAG Lasers in Nonsurgical Therapy of Chronic Periodontitis
11:00 - 11:05	Bisheimer Chemez: Minimally Invasive Conservative Dentistry (MID) with Laser
11:05 - 11:10	Ngadhnjim Domi: Advantage of Laser Treatments of Vascular Malformations of Maxillofacial Region - Comparison with Surgery
19:00	Fotona Farewell Party

SkyPulse®

A new generation of Fotona dental lasers, tailored for your practice

SkyPulse Er:YAG laser treatments:

- SSP and SWEEPS Endodontics
- Periodontics
- Peri-implantitis
- Desensitization
- Ceramic debonding
- Caries removal
- TouchWhite®

SSP and SWEEPS endodontics

The SSP mode represents Fotona's proven Photon-Induced Photoacoustic Streaming Modality for effective irrigation of entire root canal geometry. 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 of endodontic system.

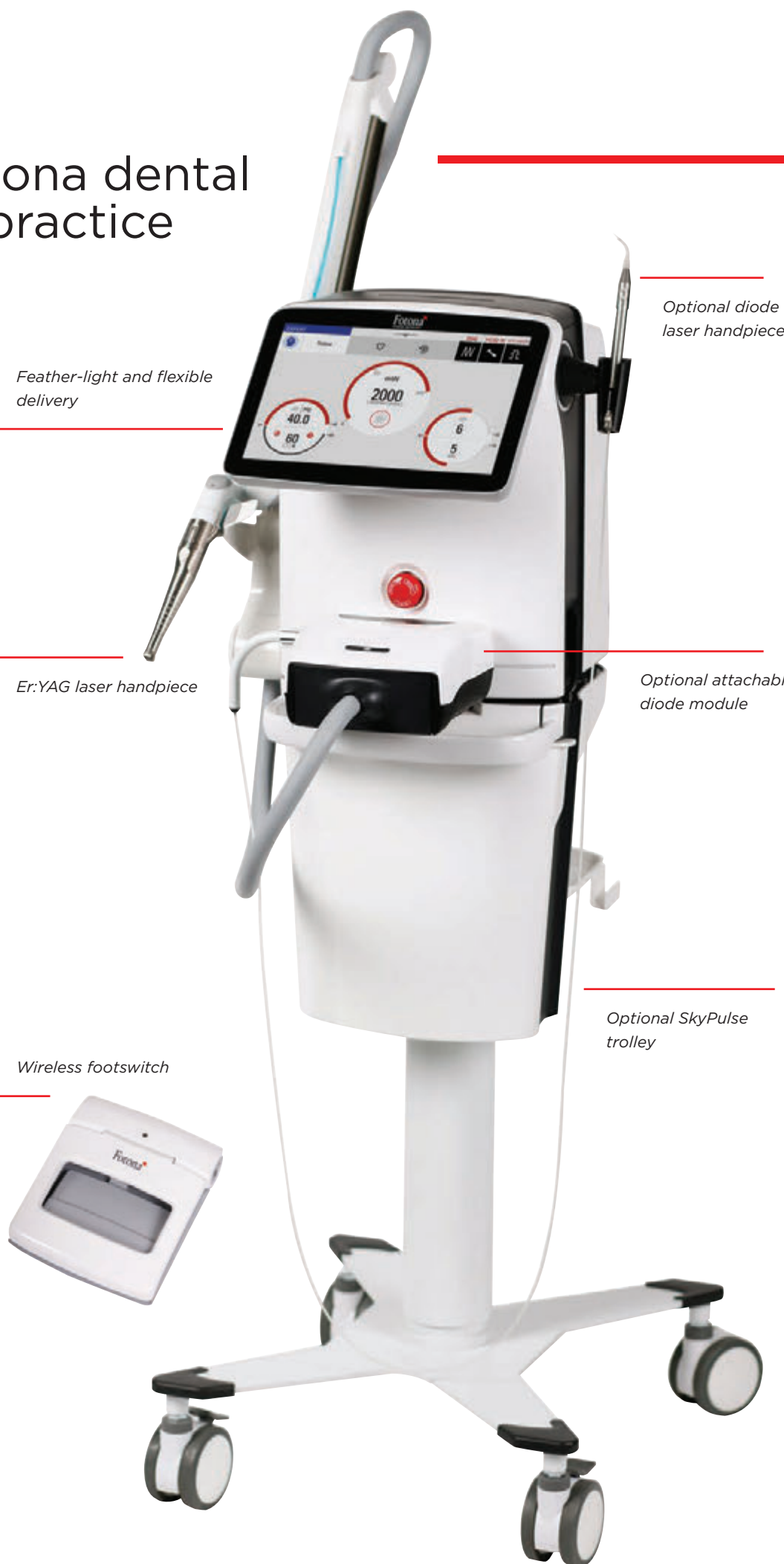


Upgradable

SkyPulse's unique design allows additional high-performance diode accessories for the broadest range of diode laser wavelengths and soft-tissue treatment options.

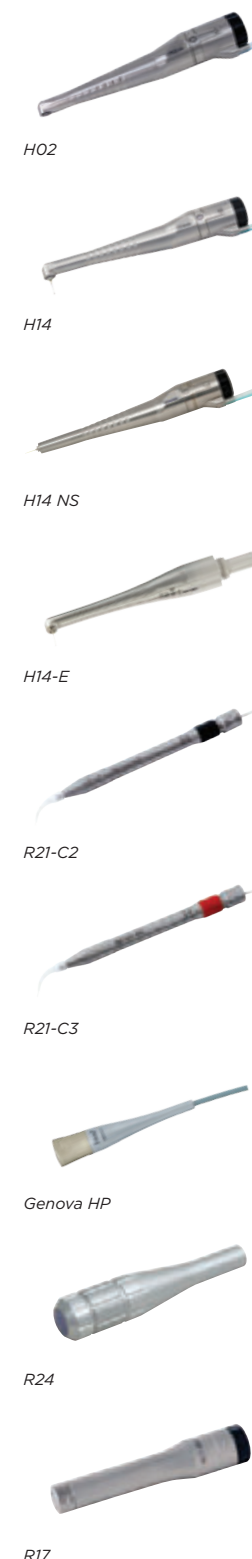
Diode laser treatment options:

- Soft-tissue modifications
- Oral lesions, herpes, aphthae
- Biomodulation
- Photodynamic therapy
- Intraoral photocoagulation
- Hemostasis



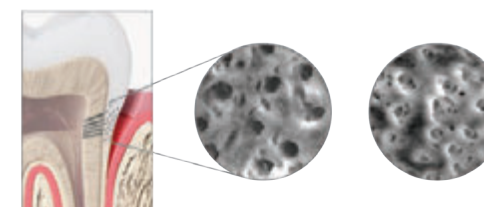
Versatile

Wide range of easily changeable handpieces for multi-functionality and optimal effectiveness.



Desensitization

Dentine hypersensitivity is one of the most commonly encountered dental problems. Laser-assisted treatment of dentine hypersensitivity using the SkyPulse dental system is an ideal method to solve immediate and long-term pain. Compared to conventional desensitizing topical agents, the laser treatment leads to rapid and long-lasting results.



Ceramic debonding

Laser-assisted debonding with SkyPulse is the easiest and safest method for removing orthodontic brackets or veneers, using the unique properties of the Er:YAG wavelength and optimised laser-material interaction. The selectivity of the Er:YAG wavelength allows for modification of the adhesive resin compound's bonding resistance, thereby achieving:

- Significantly less force needed for debonding
- Reduced treatment time
- Increased safety with lower risk for fractures



Courtesy of Tosun Tosun

Upgradable & Versatile

SkyPulse's unique design allows additional high-performance diode laser accessories for the broadest range of diode laser wavelengths and soft-tissue treatment options.

Compact and Portable

SkyPulse is the smallest and lightest Er:YAG laser that easily fits into any dental office.

LightWalker®

Virtually Unlimited Applications with Dentistry's Most Optimal Laser Wavelengths

- Conservative treatment
- TwinLight® Endodontic Treatment
- TwinLight® Periodontal Treatment
- TwinLight® Peri-implantitis Treatment
- TouchWhite® Laser-Assisted Tooth Whitening
- NightLase® Snoring and Apnea Treatment
- Facial Aesthetic Treatments
- Orthodontic treatment
- Oral surgery
- Biomodulation

ASP POWERED New Revolutionary
Adaptive Structured Pulse
Technology

Third Generation Laser Technology

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

Pre-settings for more than 80 different applications



Eight main application groups



Application subgroups



Advanced window for fine tuning specific procedures



reddot design award
winner 2012



Dentistry Today
Top 100 Products 2011



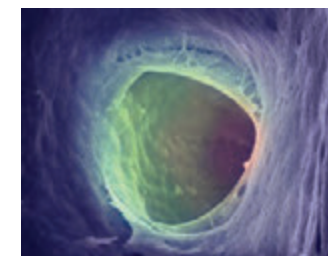
Pride Institute
Best of Class Technology
Award 2011

Hard and Soft-Tissue Dental Lasers

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 SWEEPS® technology and its latest modifications (USP, SSP, Auto SWEEPS, X-SWEEPS)



ASP powered QSP

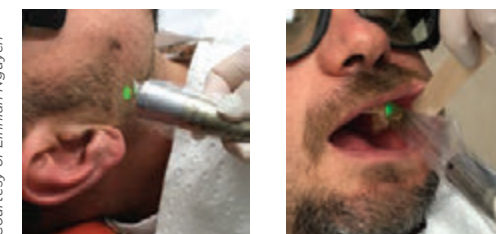
QSP Mode Characteristics of 3rd Generation ASP-powered Er:YAG Dental Lasers

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.

Tissue regeneration with low-level Nd:YAG therapy:

GENOVA handpiece (collimated)

- top hat beam profile for homogenous irradiation
- the ideal non-invasive solution for wound healing and pain reduction
- can be used with a special LA adapter for treatment of hard-to-reach areas



Scar revision treatment

Courtesy of Linhlan Nguyen

Dynamis® Pro

Be an artist of a new era with the Best Multi-use Device

A winning combination of ablative and nonablative procedures, cold and hot, superficial and deep treatments.

- High precision, tissue-selective treatments
- Intuitive, easy-to-use parameter selection
- Broad range of treatment modes
- Impressive line of advanced accessories
- Minimally invasive, safe treatments, and short downtime
- Great patient comfort and satisfaction



Key treatments

- Fotona 4D®
- TightSculpting®
- SmoothEye™
- Non-ablative Skin Rejuvenation
- Ablative Skin Rejuvenation
- Skin Resurfacing
- Benign Lesions Removal
- Scar Revision
- Full Beam & Fractional Treatments
- Hair Removal
- Pigmented Lesions
- Vascular Lesions
- Acne
- Onychomycosis
- Warts
- Surgical Applications: Laser Lipolysis, EVLA, Hyperhidrosis



Aesthetic Industry Award 2018 for
Best Multi-use technology

HAIRestart™



Hair growth stimulation

Fotona SMOOTH®
stimulation of hair growth



hyperthermia of the tissue through a dual mode mechanism SLOW and FAST

- vasodilation of the blood vessels, new blood vessels
- Increase in the production of fibroblasts, new collagen and extracellular matrix
- Activation of dermal papilla (DP) cells to form hair follicles through Wnt/Beta-Catenin signaling pathway

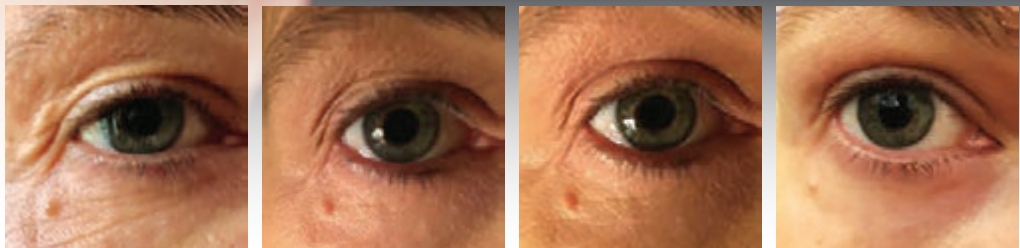


SmoothEye™

Tightens the periocular region and reduces the presence of periorbital wrinkles.

- Improves skin elasticity, overall structure and volume
- Stimulates collagen remodeling and initiates neocollagenesis
- Little-to-no down-time
- Gentle, fast and non-invasive
- Safe and precisely controlled

Courtesy of Tania Phillips, M.D.



Clinically proven results, satisfied patients

Kim Jong Gu, Anže Zorman, **Reduction of the Volume and Wrinkles under the Eyes using Non-Ablative 2940 nm Er:YAG Laser on the Lower Eyelid Palpebral Conjunctiva**, J. LA&HA, Vol. 2019, No.1



Female patient before the treatment

Female patient after 3 treatments

*McNemar test, *Significant, ttt: Treatment

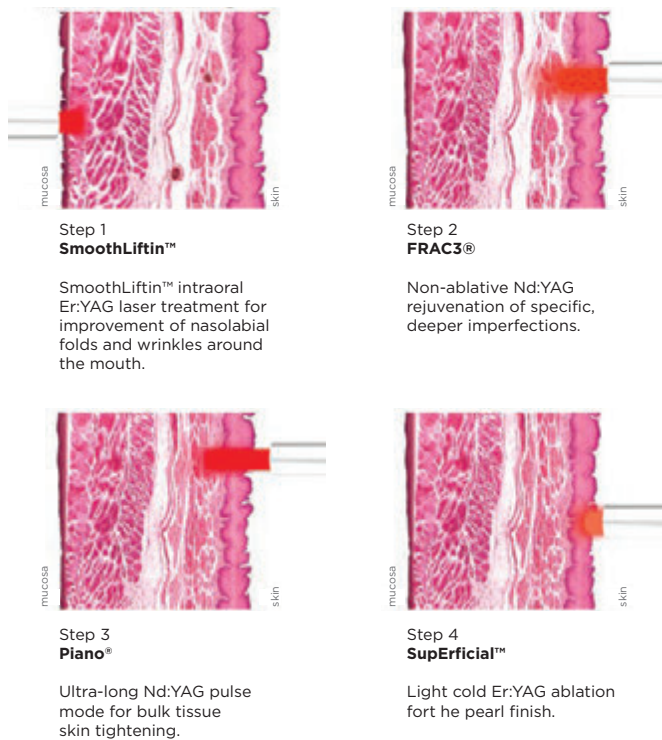
Variable		12 weeks END of ttt (n=10)	6 months After ttt (n=10)	p ^a
Satisfaction	Unsatisfied N(%)	6 (30%)	3 (15%)	0.04*
	Satisfied N(%)	10 (50%)	12 (60%)	
	Very satisfied N(%)	4 (20%)	5 (25%)	
Self-assessment	No change N(%)	5 (25%)	3 (15%)	0.03*
	Slightly improved (%)	3 (15%)	1 (5%)	
	Improved N(%)	8 (40%)	10 (50%)	
	Much improved N(%)	4 (20%)	6 (30%)	

Fotona4D®
Non-invasive laser face lifting

The four dimensions of anti-aging

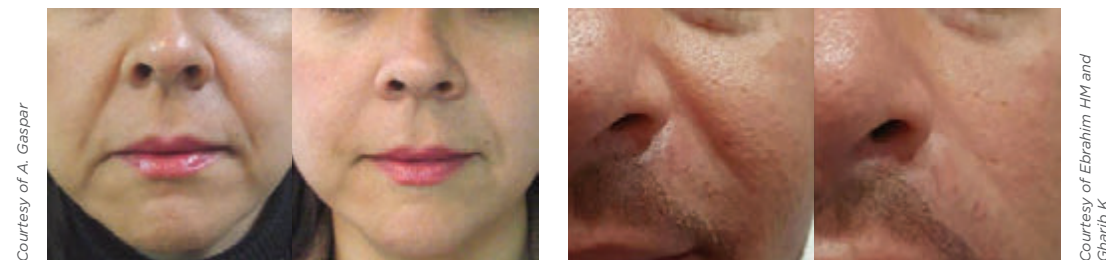
A series of synergistic, non-invasive laser treatments of both the exterior facial and interior oral cavity, enabling full-thickness contraction of collagen for persistent tightening and volumization without injectables.

Fotona4D® Non-Invasive Laser Face Lifting



A Laser Elixir of Youth

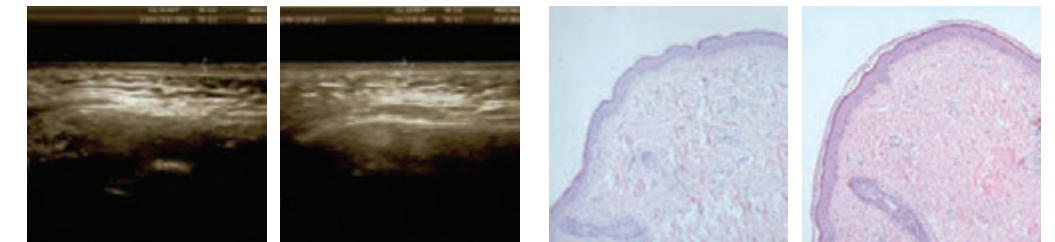
- Easy-to-use and safe
- Natural results
- Immediate freshness and tightness
- Investment in one's quality of skin
- Patient will age more slowly



Clinical studies confirm high effectiveness

Fotona4D®
Non-invasive laser face lifting

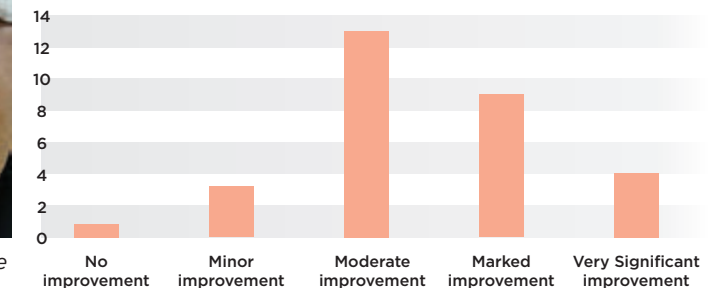
Histological Changes of Skin During the Process of Aging - Correction with the use of Fotona4D®, Natalia Shahina, MD



Courtesy of Ebrahim HM and Gharib K



A study evaluating the nasolabial folds wrinkle using intraoral treatment showed significant reduction of the NLF wrinkle and high patient satisfaction.



Howyda M. Ebrahim and Khaled Gharib, **Correction of nasolabial folds wrinkle using intraoral non-ablative Er:YAG laser**, *J Cosmet Laser Ther.* 2018 Feb 2



New PS03X handpiece

The PS03X features a new optics design that allows higher laser fluences during treatments such as: NightLase®, SmoothEye™, tissue tightening. Features a color-coded ring for easier differentiation from the PS03 and R11.



SmoothTouch LA adapter

Fotona has developed a new SmoothTouch™ LA glass adapter with 90-degree, gold-mirror reflection of the laser beam for easier and more comfortable application during intraoral treatments:

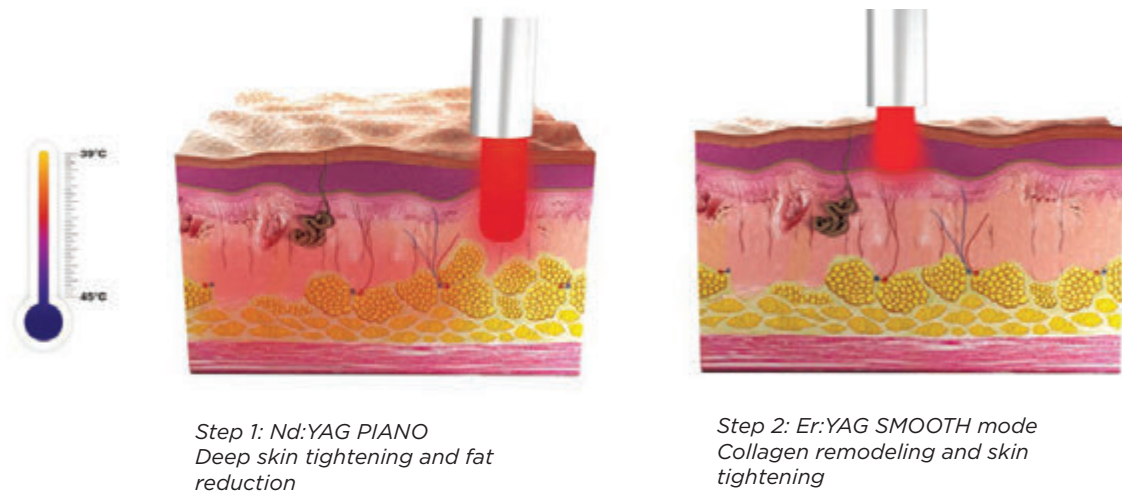


- Er:YAG adapter for SMOOTH mode intraoral treatments
- applicable to PS03 and R11 handpieces
- for safe and easy treatments
- greater comfort for patients

TightSculpting™

LASER BODY SCULPTING AND SKIN TIGHTENING

A unique two-step protocol for skin tightening and fat reduction



Advanced automatic scanner for increased safety and speed

- **A scanner delivery system** allows large body area treatments with adjustable scanner-area shapes and sizes.
- **Easy parameter setting** with protocol presets for different skin types

High-performance scanners developed for enhanced comfort and speed

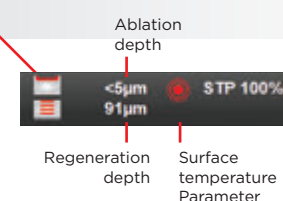
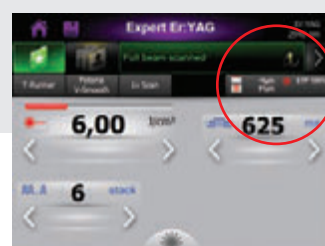


L-Runner

- Nd:YAG scanner for up to 64 cm²
- High pulse rates, enhanced speed
- Highest possible irradiance, shortest time
- Constant movement, replicable procedure
- Laser light is applied evenly and homogeneously
- Innovative MatrixView® monitor controls the skin surface temperature and warns the practitioner if the temperature is too high

T-Runner

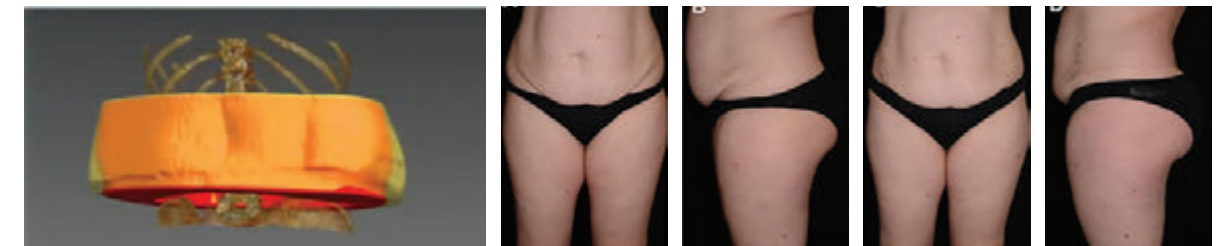
- Er:YAG scanner for up to 64 cm²
- Enhanced speed and perfect accuracy
- V-SMOOTH with T-Runner enables the achievement of critical temperatures and depth of penetration for optimal regenerating procedures
- STP (surface temperature parameter) for optimal comfort and effectiveness



Numerous Clinical Studies Confirm Effectiveness



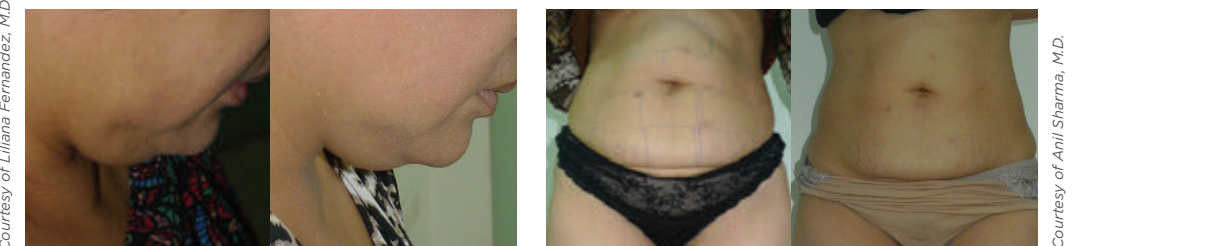
Vas Z, Besenyi Z, Urban S, Badawi A, Pavics L, Eros G, Kemeny L: **Efficacy and safety of long pulse 1064 and 2940 nm lasers in non-invasive lipolysis and skin tightening**, *Journal of Biophotonics*, April 2019



Courtesy of Liliana Fernandez, M.D.



Nghi PH, **Safety and Effectiveness of the Combined Nd:YAG and Er:YAG Laser-assisted TightSculpting® Body Contouring Procedure**, *J. LA&HA*, Vol. 2019, No.1



Courtesy of Anil Sharma, M.D.



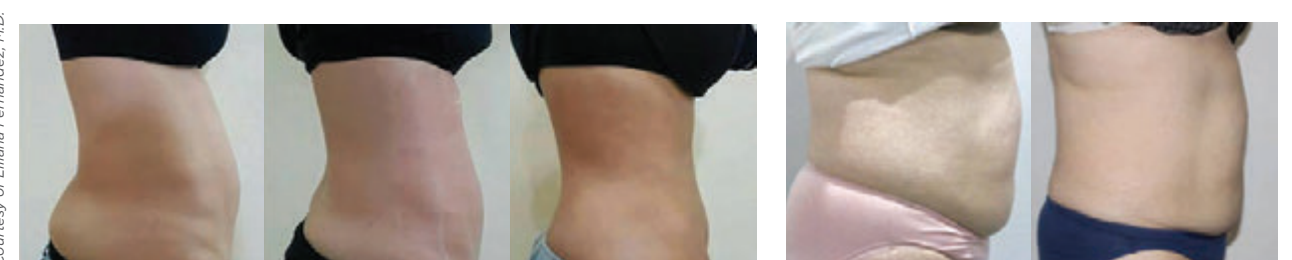
Zorman A., Koron N., **Clinical Test of Surface Temperature Parameter (STP) as an Indicator of Treatment Tolerability during Laser Tightening with Fotona SMOOTH® Technology**, *J. LA&HA*, Vol. 2019, No.1



Lukac et al., **TightSculpting®: A Complete Minimally Invasive Body Contouring Solution; Part I: Sculpting with PIANO® technology**, *J. LA&HA*, Vol. 2018, No.1



Lukac et al., **TightSculpting®: A Complete Minimally Invasive Body Contouring Solution; Part II: Tightening with FotonaSmooth® Technology**, *J. LA&HA*, Vol. 2018, No.1



Courtesy of Liliana Fernandez, M.D.

Courtesy of Anil Sharma, M.D.

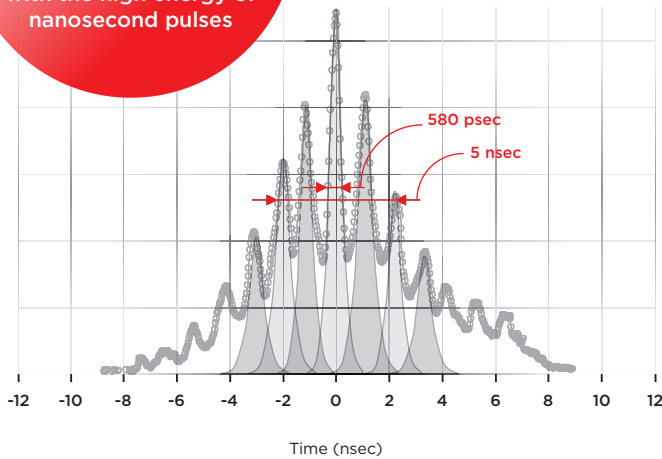
StarWalker® MaQX

Ultra Performance Q-Switched laser

- **Pico within nano:** picosecond pulse power with the high energy of nanosecond pulses
- **14 laser modalities and 4 laser wavelengths** for the widest range of treatments
- **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 spotsize

Best of Both Worlds

Picosecond pulse power with the high energy of nanosecond pulses



StarWalker's technology combines the high energy capabilities of nanosecond lasers with the ultrashort pulse peak powers of traditional picosecond lasers.



Multi-pulse Skin Conditioning New Protocol for Long-term Results in Melasma and other Pigmentation Disorders

NEW

A multifactorial approach that not only treats the symptoms but also addresses the underlying cause of melasma for long-term results.

4 STEPS:

1st Step
**Q-switched
Nd:YAG MaQX 1**

Destruction of
melanosomes and
fragmentation of
dermal melanin

2nd Step
FRAC3 Nd:YAG

Reduction in
the production of
cytokines and control
of inflammation

3rd Step
**Fractional NdY:AG
QS MaQX1**

Stimulation of
the exchange of
keratinocytes and non-thermal
rejuvenation of the tissue

4th Step
VERSA Nd:YAG

If vascular lesions
are visible



Sebastián and Julio Cesar Velez Ocampo, **New Protocol for Long-term Results in Melasma Treatments with Nd:YAG Laser Multi-pulse Skin Conditioning Approach**, *J. LA&HA*, Vol. 2019, No.1



Top three photos: before the treatment; bottom three: 9 months after the treatment.

Courtesy of Sebastián and Julio Cesar Velez Ocampo

Safe and effective use of VERDE for superficial vascular indications



U. Fratnik Florijancic, **Using long-pulsed KTP (532 nm) VERDE mode for vascular indications**, *J. LA&HA*, Vol. 2019, No.1

Courtesy of U.Fratnik Florijancic

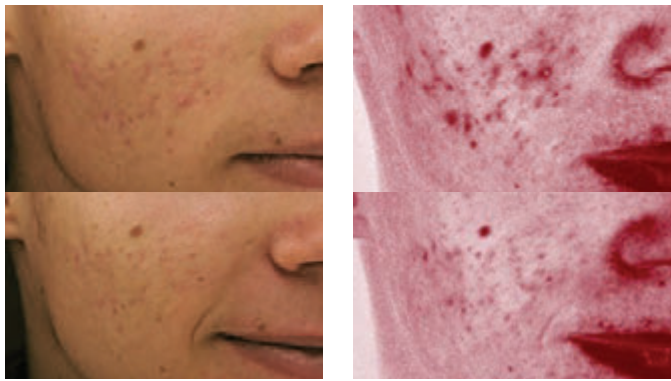


Before treatment

1 month after 1st

20 days after 2nd

Courtesy of U.Fratnik Florijancic



Acne before and 1 month after a single session of VERDE

Compression windows for minimizing downtime

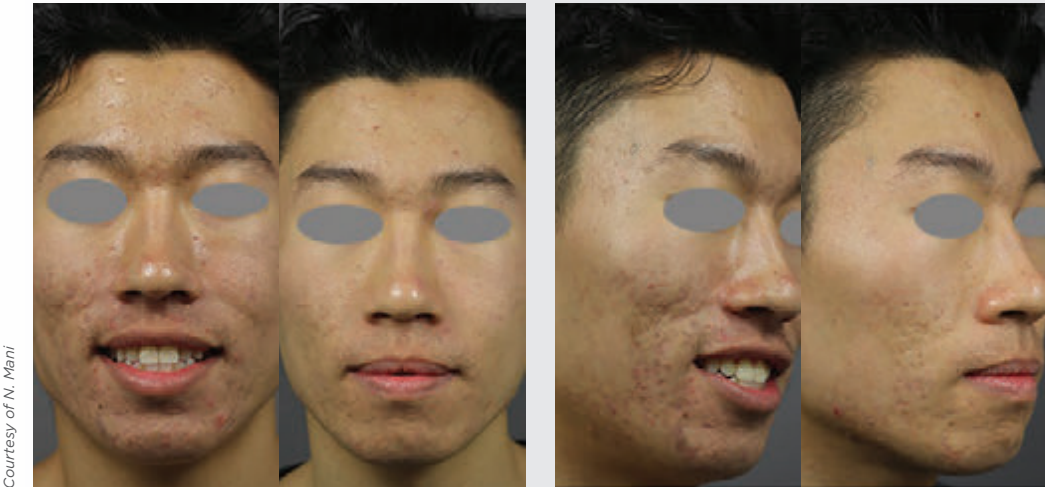
- Accessory for R28d and R58d
- To minimize erythema and tissue damage
- Shortens downtime



Unique Fractional treatments

FracTAT ablative fractional treatments for

- Acne scars
- Advanced tattoo removal



Courtesy of N. Mani



Courtesy of T. Nordal

Non-ablative fractional treatments for

- pigmentation
- redness
- rejuvenation



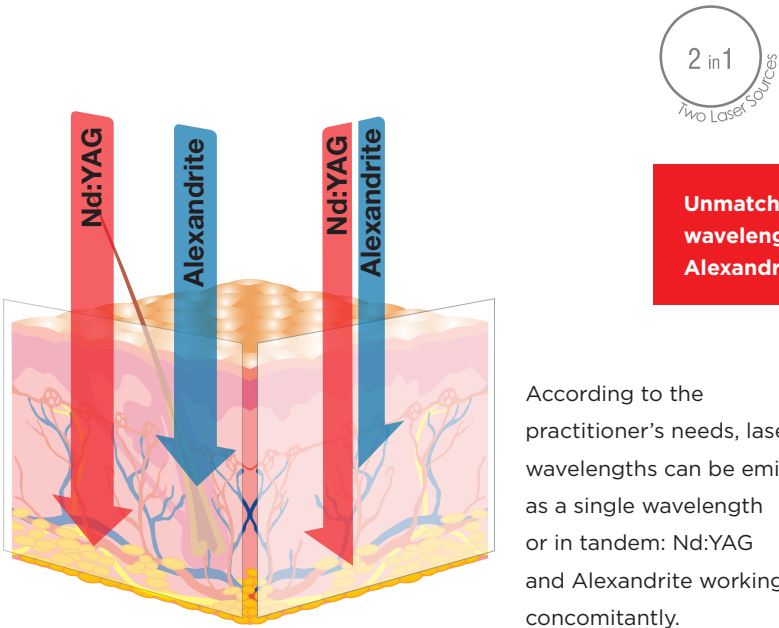
Courtesy of Kaliterna, M.D.

Courtesy of Kaliterna, M.D.

Avalanche™ LXP

Alexandrite (755 nm) + Nd:YAG (1064 nm)

The ultimate hair removal laser system with additional aesthetic applications



Key treatments:

- Hair removal
- Pigmented lesions
- Vascular treatments
- Acne
- Onychomycosis and warts
- and more ...

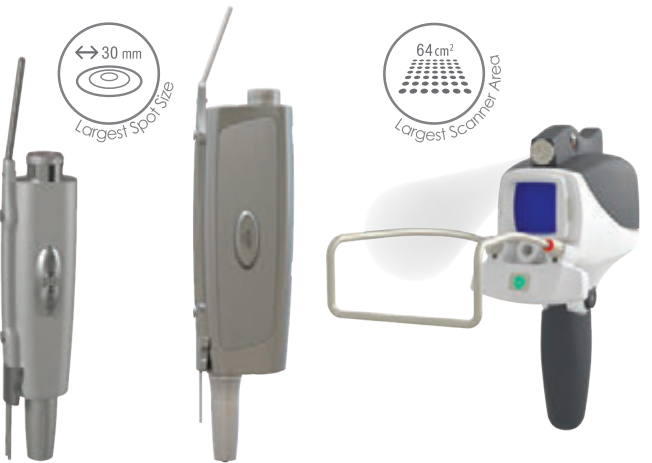


DMC™ Revolutionary Dry Spray Molecular Cooling Technology

- Non-contact
- Eliminates odor
- Improves comfort
- Enhances safety



Ultra fast treatments with largest spotsize and scan area dual-wavelength handpieces



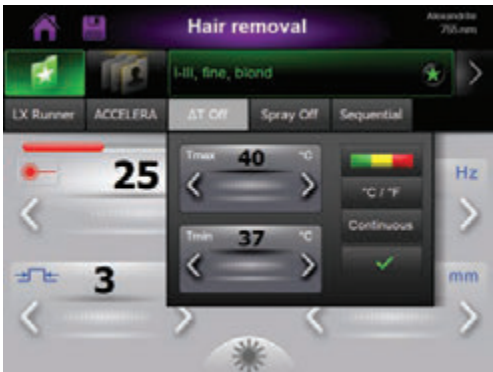
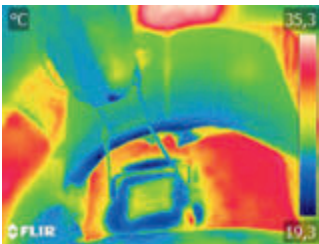
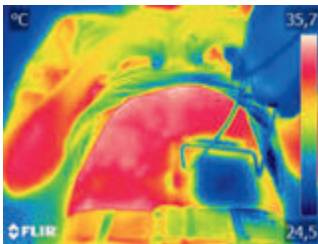
R33X

R34X

LX-Runner

Spot size 2-30 mm
• Dry Spray Kinetics
• MatrixView

**Spot size 11 mm,
Scan size 64 cm²**
• Dry Spray Kinetics
• MatrixView



MatrixView® skin temperature monitor

Fotona's innovative MatrixView® temperature monitor ensures effective and controlled treatments with ultimate patient comfort and safety.

FotonaSmooth®

gentle and powerful Er:YAG laser
for treating vaginal and pelvic floor
conditions

IncontiLase® – Stress Urinary Incontinence
IntimaLase® – Vaginal Relaxation Syndrome
RenovaLase® – Vaginal Atrophy / Genitourinary
Syndrome of Menopause
ProlapLase® – Pelvic Organ Prolapse

Fotona gynecological lasers offer a safe, non-invasive, non-surgical and patient-friendly alternative for effectively treating numerous gynecological indications.

25% of women in the US
are affected by pelvic floor
disorders.



Pelvic floor disorders, which include urinary incontinence, fecal incontinence, and pelvic organ prolapse, are highly prevalent conditions in women, affecting almost 25% of women in the US.

1 out of 3 women over the
age of 45 have stress urinary
incontinence.



Approximately 1 out of 3 women over the age of 45 and 1 out of every 2 women over 65 have **stress urinary incontinence**, the most prevalent form of incontinence among women.

Vaginal atrophy affects over
half of post-menopausal
women aged between
51 and 60.



Vaginal atrophy is another very common indication, affecting over half of post-menopausal women aged between 51 and 60, with significant impact on their sexual satisfaction and quality of life.



Almost every woman in her thirties or forties who has experienced a vaginal delivery will suffer from **vaginal relaxation syndrome** to some degree, especially if having given birth to more than one child.

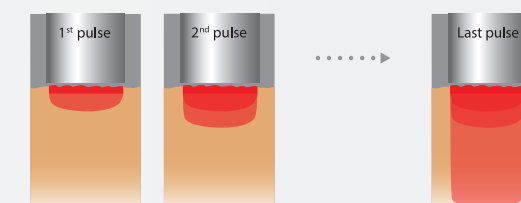
Patented engineering solutions

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.

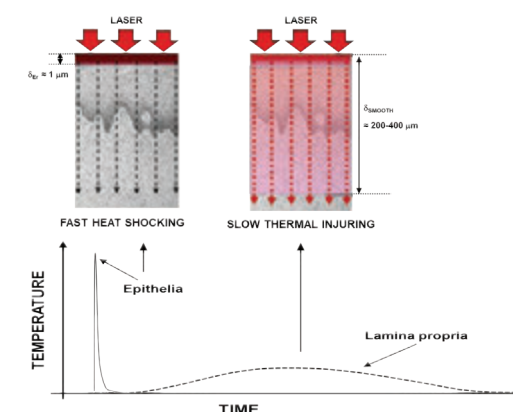
SMOOTH™ mode pulse

Optimal sequence for sub-ablative micro pulses



Dual Tissue Remodeling (DTR) Action:

Fotona's scientists were the first to describe, engineer and patent a unique mode of action of the Er:YAG laser called Dual Tissue Remodeling (DTR), which lies just below the gentle, yet powerful action of Fotona SMOOTH® mode. This discovery opens a whole new array of possible treatments and even new non-invasive modes of action.



Action 1: Fast Heat Shocking - Effective and safe high-temperature heat shock with superficial "triggering" of the tissue, involving an ultra-short exposure biochemical process, which stimulates signal transduction processes for transcription factor activation, gene expression and fibroblast growth, leading to new collagen and extracellular matrix formation also in deeper lying tissues.

Action 2: Slow Thermal Injury involving a long exposure process (1), with direct slow thermal injury of the connective tissues resulting in "conventional" stimulation of fibroblasts at lower temperatures.



Lukac, M., Gaspar, A., & Bajd, F. (2018). **Dual Tissue Regeneration : Non-Ablative Resurfacing of Soft Tissues with FotonaSmooth® Mode Er : YAG Laser.** *Journal of the Laser and Health Academy*, 2018(1), 1-15.



Lukac, M., Lozar, A., Perhavec, T., & Bajd, F. (2019). **Variable heat shock response model for medical laser procedures.** *Lasers in Medical Science*.

Read more

Unique, patented, high-quality accessories



PS03



R11



SClear speculum



Angular adapter



Wired speculum



Circular adapter

G-runner – smart and simple, automated Fotona SMOOTH® procedures

- Automatic delivery of laser energy to the vaginal canal
- More homogenous coverage of vaginal mucosa for superior results
- Optimized treatment time
- Increased comfort and convenience for the operator



R09-2GU handpiece – for accessing all areas

- A specially designed handpiece for the treatment of difficult-to-reach lesions, where classical handpieces cannot be used.
- Recent studies highlight the utility of this handpiece for intra-urethral urinary incontinence treatments.



Fotona has always based its promotion of effective laser use on evidence from peer-reviewed clinical research.

Now the latest research results have been gathered in our laser gynecology Compendium of Clinical Studies, with abstracts from published scientific articles authored by leading international expert gynecologists and researchers.

This collection of scientific evidence is a must-read for all forward-thinking gynecologists who wish to maximize patient safety by embracing innovative laser gynecology.

[Read the Compendium](#)

New research highlights – innovation from Fotona's users

Use of the Fotona SMOOTH® non-ablative Er:YAG procedure with R09-2GU for intraurethral treatment of urinary incontinence

In two published peer-reviewed studies, Dr. Adrian Gaspar and colleagues have shown that intraurethral treatment for urinary incontinence caused by intrinsic sphincter deficiency or genitourinary syndrome of menopause is a safe and effective method for this difficult-to-treat problem.



A. Gaspar, S. Maestri, J. Silva, H.Brandi, D. Luque, N. Koron, Z. Vizintin, 2018. Intraurethral Erbium:YAG Laser for the Management of Urinary Symptoms of Genitourinary Syndrome of Menopause: A Pilot Study. Laser in Surgery and Medicine, 50, pp.802-807.

[Read more](#)



Gaspar, A. & Brandi, H., 2017. Non-ablative erbium YAG laser for the treatment of type III stress urinary incontinence (intrinsic sphincter deficiency). Lasers in Medical Science, 32(3), pp.685-691.

[Read more](#)

Use of Fotona's Nd:YAG laser for the treatment of vulvar Lichen Sclerosus – a randomized control trial

Drs. Bizjak-Ogrinc, Senčar, Luzar and Lukanovič have published the first ever randomized, controlled trial of Lichen Sclerosus (LS) treatment, where they have compared Fotona's Nd:YAG laser used in PIANO mode to standard corticosteroid topical treatment.

40 patients were included in the study and were randomized prior to treatment to either the laser group or the control group, which received standard corticosteroid topical therapy. Patients graded the intensity of symptoms at baseline and at 1-, 3-, and 6-month follow-ups. At the 6-month follow-up, the improvement of symptoms in the laser group was still significant.

Laser therapy for LS caused minimal patient discomfort during the treatment, with no adverse effects, and demonstrated better efficacy over the control group, with significant improvement lasting up to 6 months. Laser therapy is a promising option for patients not responding to topical corticosteroid therapy or patients wishing to reduce long-term corticosteroid maintenance use.



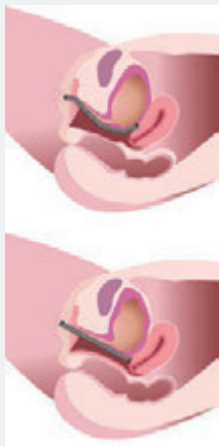
[Read more](#)

1 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



Mild and moderate stress and mixed urinary incontinence

After IncontiLase® treatment.

The Latest Clinical Results

Dr. Lin and colleagues evaluated the effectiveness of IncontiLase. They also performed ultrasound measurements of bladder neck mobility before and after the treatment. Bladder neck mobility by perineal ultrasonography decreased significantly after treatment. The Er:YAG vaginal was shown to be a safe and efficacious treatment for women with mild to moderate SUI, this being partly related to the decrease of bladder neck mobility following laser treatment.

Lin, K. L., Chou, S. H., & Long, C. Y. (2019). Effect of Er:YAG Laser for Women with Stress Urinary Incontinence. BioMed research international, 2019.

[Read more](#)

Dr. Okui has compared the effectiveness of IncontiLase® treatment with surgical TVT and TOT sling procedures. 50 patients with stress or mixed urinary incontinence were included in each of the three groups (laser, TVT and TOT). The results have shown that in term of effectiveness, the non-invasive IncontiLase® procedure was comparably effective to both surgical sling procedures. The study concludes that IncontiLase® treatment improved urinary incontinence as effectively as the TVT and TOT sling procedures with fewer complications.

Okui, N. (2018). Comparison between erbium-doped yttrium aluminum garnet laser therapy and sling procedures in the treatment of stress and mixed urinary incontinence. World journal of urology, 1-5.

[Read more](#)

2 IntimaLase®

A true 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



SIMPLE AND QUICK

- Ambulatory procedures
- 20-30 minutes/treatment

PATIENT FRIENDLY

- No anesthesia
- No downtime
- High patient satisfaction

Dr. Gaviria and colleagues retrospectively evaluated the results of IntimaLase treatment from more than a hundred patients and recorded the effectiveness of the treatment and patient satisfaction for up to 3 years post-treatment. Patients reported the average duration of effect from the treatment was 16 months, with significant improvement of stress urinary incontinence and prolapse. Reported patient satisfaction was very high.

Jorge E. Gaviria P, Branka Korosec, Jessica Fernandez, Geramel Montero. Journal of the Laser and Health Academy.2016; 2016(1):1-6 Up to 3-year Follow-up of Patients with Vaginal Relaxation Syndrome Participating in Laser Vaginal Tightening



[Read more](#)

3 RenovaLase®

Gentle laser treatment of vaginal atrophy / genitourinary syndrome of menopause

How does RenovaLase® work?

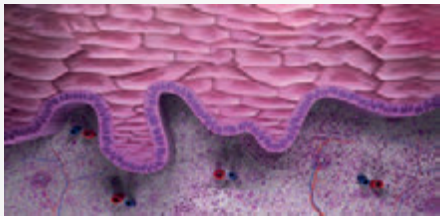
- Non-ablative gentle photothermal treatment of the vaginal canal using very low energies that cause mild hyperthermia and induce microvascularisation and tissue regeneration without shrinking the collagen
- Restores normal vaginal mucosa structure and function
- Eliminates the need for long-term estrogen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



Gentle, non-ablative photothermal treatment of the vaginal canal using mild hyperthermia via SMOOTH™ mode.



Enhanced synthesis of new proteoglycan and hyaluronic acid molecules, which improves tissue water content and collagen structure.



The result is improved vascularization and tropism of the vaginal wall and restored structure and function of the vaginal mucosa.

The Latest Clinical Results

Dr. Gambacianni and colleagues included 205 postmenopausal women in this prospective study. The patients were treated with three laser applications at 30-day intervals. RenovaLase® laser treatment induced a statistically significant decrease in vaginal dryness and dyspareunia symptoms. The Vaginal Health Index score (VHIS) was significantly higher for up to a year after the final laser treatment.

M. Gambacciani, M. Levancini, E. Russo, L. Vacca, T. Simoncini and M. Cervigni. Long-term Effects of Vaginal Erbium Laser in the Treatment of Genitourinary Syndrome of Menopause Climacteric.2018;1-5



Read more

Visit our new webpage for patient and doctors

Fotona SMOOTH®- Revolutionary Non-invasive Laser Treatment for Women’s Health

www.fotona-smooth.com

4 ProlapLase®

Er:YAG SMOOTH™ mode laser treatment for 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



Anterior
Compartment
Prolapse
(Cystocele)



After
ProlapLase®
treatment

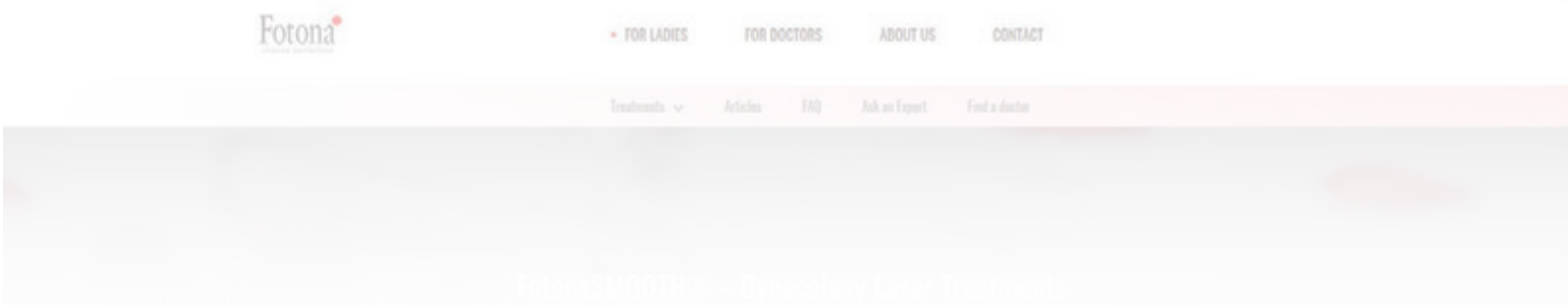
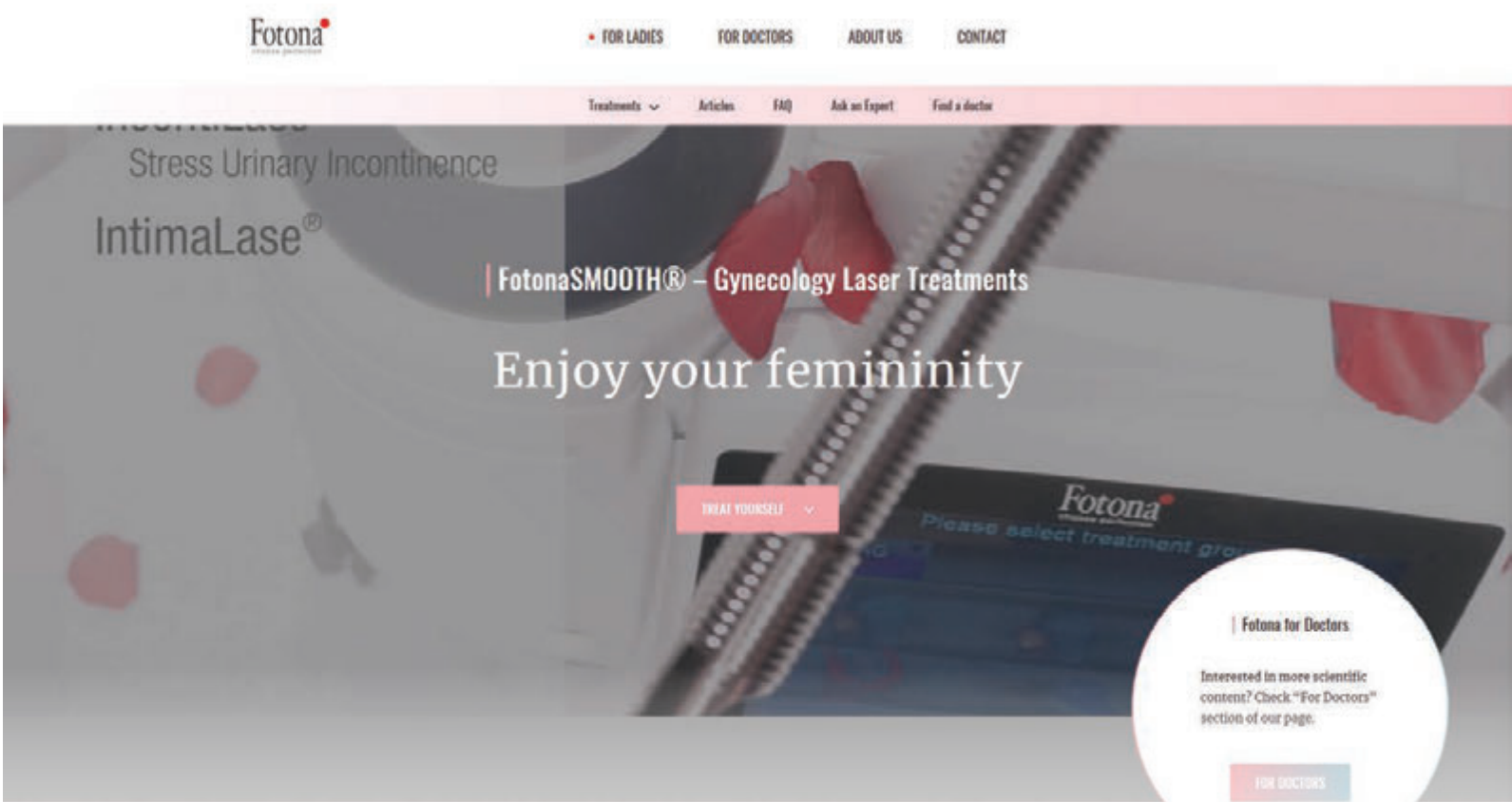
The Latest Clinical Results

Drs. Bizjak-Ogrinc and Senčar have published a prospective trial of ProlapLase effectiveness in treating cystoceles. 61 patients with grade II-IV cystoceles were treated 2-5 times at 2-month intervals. 95% of the patients showed a reduction of at least one grade, 85% of which had achieved grade 0 or I, and 15% achieved grade II. 90% of the patients were very satisfied or satisfied with the treatment. No major adverse effects were noted.

Ogrinc, U.B. & Senčar, S., 2017. Non-ablative vaginal erbium YAG laser for the treatment of cystocele. Italian Journal of Gynaecology and Obstetrics, 29(1), pp.19-25.



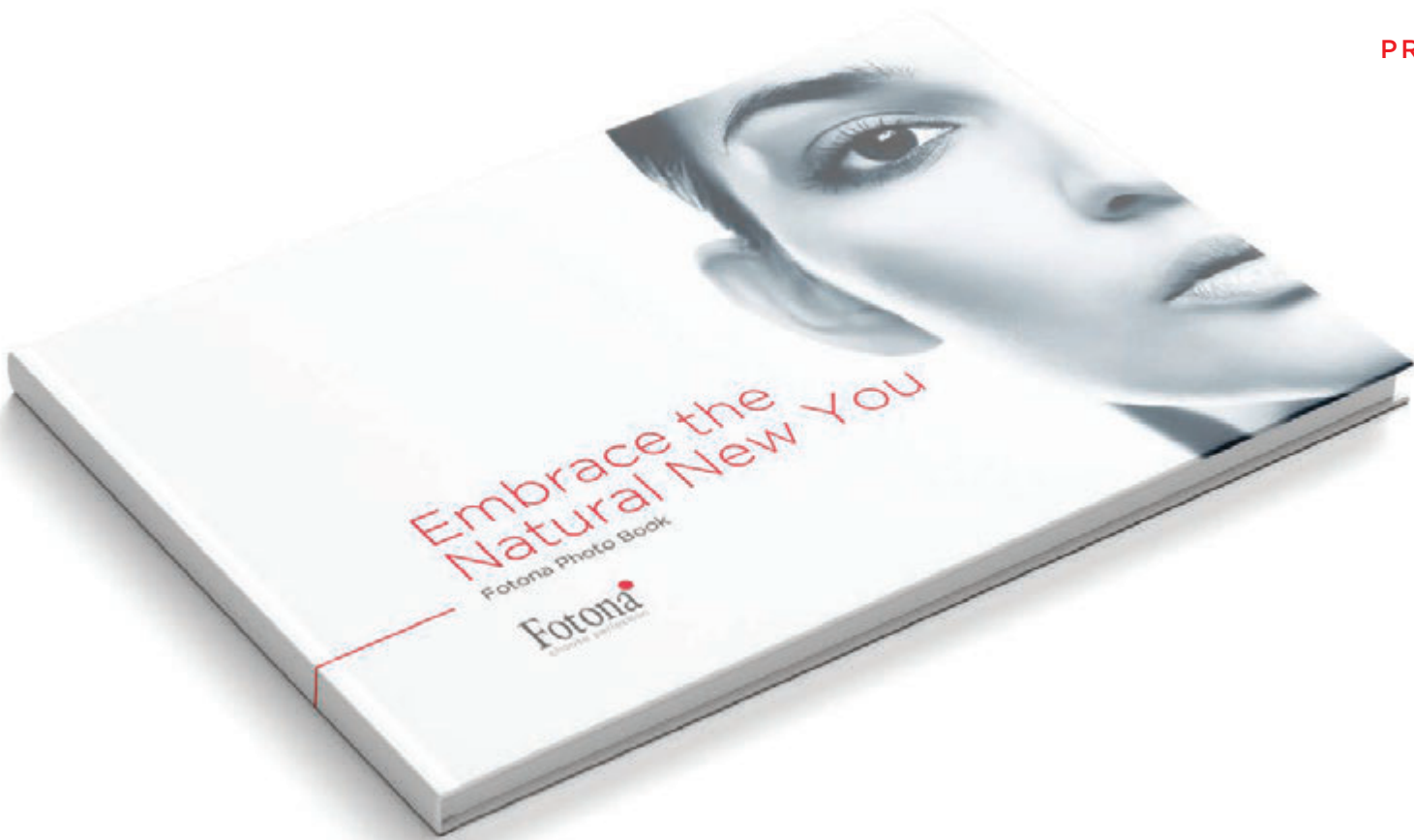
Read more



Promotional Materials



Professional quality, hardcover photo book of before and after cases featuring common Fotona laser applications in aesthetics and dermatology, perfect for a doctor's waiting room or lounge area.



Comprehensive Collection of Treatment Videos

High-resolution, professionally produced videos of laser treatments in aesthetics and dermatology performed with Fotona's Dynamis Pro and StarWalker laser systems.



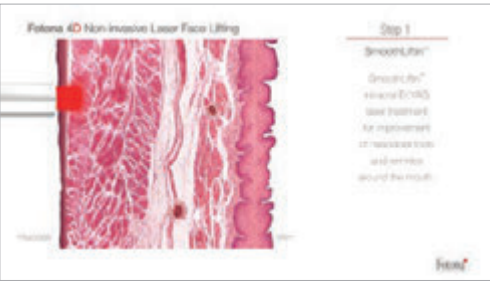
Instructional (for the practitioner):

- Assistance for the practitioner in performing a treatment, with step-by-step guidance on handpiece and parameter selection.
- Available for Fotona Users on the Fotona App (for mobile devices) and on My Fotona/Fotona Video Library (online access only).



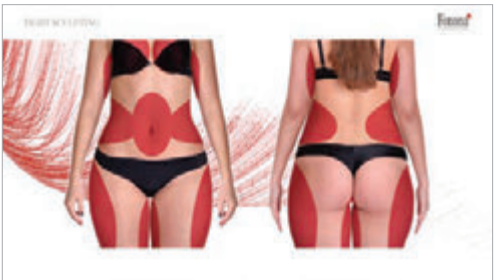
Promotional (for Fotona marketing purposes):

- A promotional and marketing resource useful for exhibitions, congresses, workshops, online promotion, etc., with descriptions of each laser treatment, benefits of using a laser for the patient/practitioner and a collection of before and after images.
- Available on the Fotona App (for mobile devices) and on My Fotona/Fotona Cloud (with the option of downloading).



Waiting Room (for educating patients)

- Designed for educating patients about available laser treatments.
- Practitioners can use the videos in their waiting room, share them to their social media pages, websites, etc.
- Available on My Fotona/Fotona Cloud (with the option of downloading).



New TightSculpting® video for patients

New Fotona SMOOTH® video for patient



Create a Fotona user account and get

All you need to become a Fotona power user is just a click away. With the registration of your system you'll gain access to three individual platforms, all accessible with a single UNIFIED account.

My Fotona is a comprehensive platform granting you access to all of Fotona's Educational, Promotional and Marketing material and more, accessible via the Fotona Video Library and Fotona Cloud.



LA&HA Academy webpage

The Laser and Health Academy is dedicated to the promotion of research, education and publishing in the field of laser medicine.

It is your gateway for continuous professional education, with access to countless hours of LA&HA's educational video seminars as well as LA&HA Journals and a full range of educational and scientific articles to further your understanding of laser medicine. If you are seriously searching for a way to advance your education, be sure to look into the LA&HA Dental Master course, which will elevate your knowledge of laser dentistry to the next level.



UNIFIED access for ALL content.

MyFotona

On My Fotona you will also find information about upcoming events and conferences, trainings offered worldwide and information about your local distributor.

To make it even more convenient, we've also included links to the LA&HA Academy's recommended readings and LA&HA Lectures.



Fotona APP

For those who are always on the road, the most important feature might be the Fotona APP (for Android or IOS) which provides mobile access to all videos, presentations, published cases and articles.

Looking for workshops or training? ...just a click away.
Interested in events and news? ...just a click away.
Forgot the presets you saw in a video lecture? You've guessed it ...just a click away!



Aesthetics & Dermatology



● SP Dynamis ● XP Dynamis ● XS Dynamis ● SP Spectro ● XP Spectro ● Avalanche™ LXP

Model	SP Dynamis / SP Spectro		XS Dynamis	XP Dynamis / XP Spectro		Avalanche™ LX	Avalanche™ XP
Laser type	Er:YAG	Nd:YAG	Er:YAG	Nd:YAG	Alexandrite	Nd:YAG	
Wavelength	2940 nm	1064 nm	2940 nm	1064 nm	755 nm	1064 nm	
Power	20 W	80 W / 35 W	20 W	80 W / 35 W	150 W	150 W	
Energy	3 J	50 J	3 J	50 J	100 J	140 J	
Scanner	S-Runner F-Runner T-Runner	S-11 L-Runner	S-Runner F-Runner T-Runner	S-11 L-Runner	LX Runner	LX Runner	
Modalities	MSP, SP, LP, VLP, XLP, SMOOTH, TURBO	FRAC3®, VERSA, PIANO, QCW	MSP, SP, LP, VLP, XLP, SMOOTH, TURBO	FRAC3®, VERSA, PIANO, QCW	ACCELERA, VERSA, PIANO	FRAC3, VERSA, PIANO	

StarWalker



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

Gynecology



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

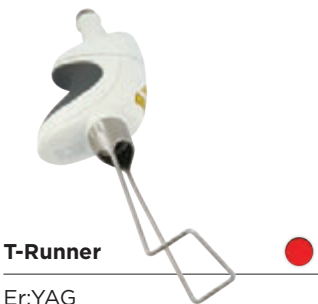
Dentistry



● LightWalker AT S ● LightWalker ST E PRO / Advanced ● LightWalker ST E Stand ● SkyPulse®

Model		AT S	ST-E Stand	ST-E Pro	SkyPulse Endo	SkyPulse Versa
Er:YAG	Power (W)	20	10	12	1.5 W	4.2W
	Energy (mJ)	1500	500	900	100 mJ	300 mJ
	Modes	SWEEPS, QSP, MAX, SSP, MSP, SP, LP, VLP, SMOOTH	SWEEPS, SSP, MSP, SP, LP, VLP	SWEEPS, QSP*, SSP, MSP, SP, LP, VLP	SWEEPS, SSP, MSP, SP, LP, VLP	SWEEPS, SSP, MSP, SP, LP, VLP
	Optical delivery	OPTOflex	7-Mirror Arm	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	✓	-	✓		

Aesthetics & Dermatology

			
R11 PS03X Er:YAG Spot size 2-7 mm Patterned spot	PS03 Er:YAG Collimated Spot size 2-7 mm Patterned spot	R08 Er:YAG Focused Spot size 0.45 mm Full spot	R04 Er:YAG Focused Spot size 2-12 mm Full 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	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	LA adapter Er:YAG Adapter for PS03 and R11 Intraoral treatments	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
			
R27 Nd:YAG Surgical HP For 600, 1000 micron fibers	R27C Nd:YAG Small surgical HP For 600, 1000 micron fibers	R33T Nd:YAG Spot size 2-10 mm MatrixView	R34T Nd:YAG Spot size 15, 20 mm MatrixView

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	FS20 1064 nm 9x9 mm fractional, 25 pixels	FS20A 1064 nm 9x9 mm fractional, 81 pixels	FS20B 1064 nm 5x5 mm fractional, 25 pixels
			
FS50 532 nm 9x9 mm fractional, 25 pixels			

Gynecology

			
R11 Er:YAG Collimated Spot size 2-7 mm Full spot	PS03 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	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		

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LA&HA INSTITUTE TRAININGS CALENDAR

WORKSHOPS 2019	JUNE	JULY	SEPT	OCT	NOV	DEC
DENTISTRY						
LightWalker in Dentistry WS				3-4		
Comprehensive Workshop: LightWalker Laser Dentistry						2-3
Facial Aesthetics and NightLase® Workshop with LightWalker®				7-8		12-13
LA&HA Master Dental, Module 3				16-19		
LA&HA Master Dental, Module 4				21-24		
NightLase Snoring and Apnea Workshop					11	
AESTHETICS & DERMATOLOGY						
SP Dynamis WS	19-21		25-27	16-18	27-29	
Q-Switched StarWalker WS	17-18			3-4		5-6
In-Depth Aesthetics & Dermatology Workshop (SP Dynamis & StarWalker Q-Switched Laser)					14-15	
Scar Treatments Workshop						2-3
Skin Resurfacing / Rejuvenation WS with SP Dynamis				To be confirmed		
Transdermal Vascular WS with SP Dynamis				Date on request		
GYNECOLOGY						
IncontiLase®, IntimaLase®, RenovaLase® & ProlapLase® WS		1-2	23-24		4-5	9-10
SURGERY						
Lipolysis & Hyperhidrosis WS				24-25		
Lipolysis, Hyperhidrosis and EVLA WS					18-20	
EVLA WS with Ultrasound Examination			30/9-1/10	30/9-1/10		

Dates are subject to change.



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International LightWalker Users Group

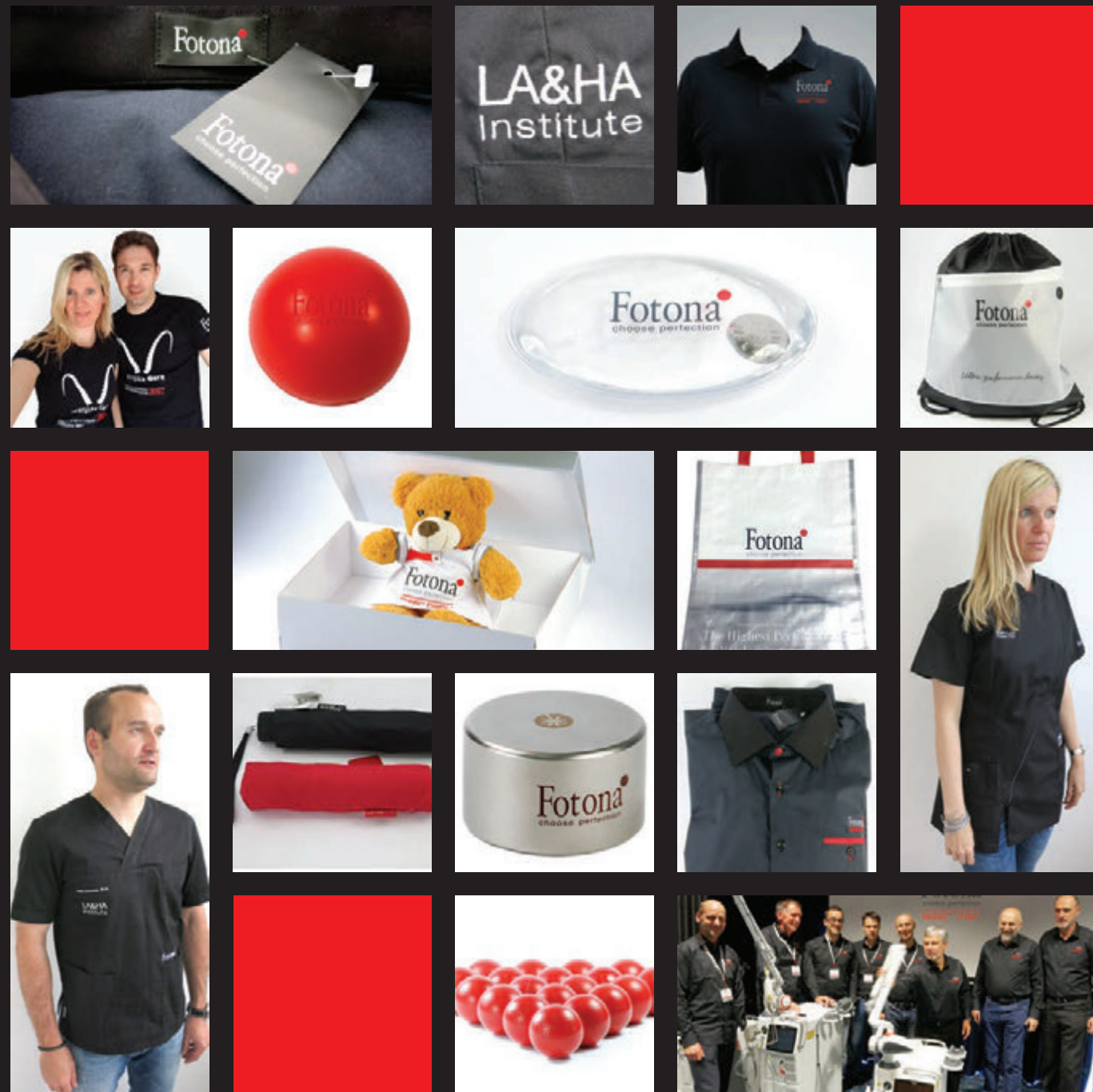
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9th - 10th November 2019



Register here:
<https://goo.gl/KT9Yev>

Saturday, November 9th

Registration: 09:00am
Start Time: 09:30am
VELAcademy School (Optional)
LIVE Practical Sessions
(SUI, GSM, Laxity)

Venue: LA&HA Training Centre - Pisa

Address: Casa di Cura San Rossore hospital,
Viale delle Cascine, 152/f, 56122 Pisa PI, Italy
Email: franco.nicotra@santecsrl.it

Saturday, November 9th

Registration 13:00pm
Start Time 14:00pm
General Sessions
VELA Evening Dinner

Venue: Grand Hotel Baglioni - Florence

Address: Piazza dell'Unità Italiana, 650123 Firenze, Italia,
Tel: +39 055 23580

Email: infodesk@hotelbaglioni.it **Web:** www.hotelbaglioni.it/en

Sunday, November 10th

General Sessions
New Indications
Q&A Session
End Time: 13:00pm

17TH IFW

SAVE
THE
DATE

PORTOROŽ, SLOVENIA
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