



AcuPulse



# MultiMode™ SuperPulse™ CO<sub>2</sub> Laser Platform

Your gateway to the future  
of aesthetic and women's  
health solutions

# We don't just build technology, we create a world of solutions

AcuPulse™ is a complete ablative and resurfacing platform featuring state of the art technology for aesthetic resurfacing and women's health needs. Developed by Lumenis®, pioneer in energy-based technologies, it relieves a wide range of aesthetic and surgical issues as well as renewing the heart of a woman's being. AcuPulse™ restores not just health, but confidence allowing your patients to live life on their own terms, go forward and embrace everything it has to offer.

Live life to the fullest

## Powerful. Versatile. Simple Platform.

### SuperPulse™ Technology

- ✔ Exceptional ablation/coagulation ratio
- ✔ Reach the desired treatment depth with a single pulse

### Short Pulse Duration

- ✔ Enhanced patient comfort
- ✔ Minimizing thermal damage

### 11 Built-in Treatment Modes

- ✔ Maximum versatility with two scanners
- ✔ Full parameter control for advanced users

### Intuitive User Interface

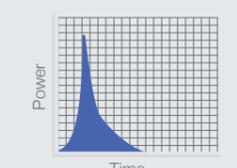
- ✔ Easy setup and quick treatments
- ✔ User presets for single-click treatment initiation



# Unique SuperPulse™ Technology And a Full Range of Advanced Continuous Wave Capabilities

### SuperPulse™

- High peak power
- Deep impact
- Narrow, controlled thermal zone



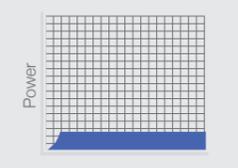
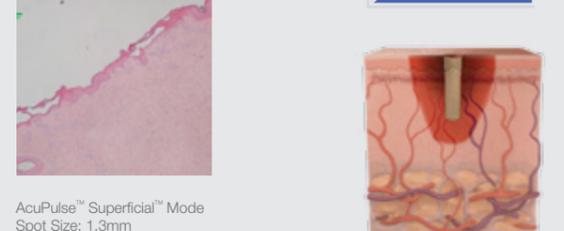

AcuPulse™ Deep™ Mode  
Spot Size: 120µm  
Energy: 20mJ  
Density: 15%  
Penetration Depth: 700µm

Up to 1mm in a single pulse

Not indicative of clinical results

### Continuous Wave (CW)

- Low peak power
- Superficial impact
- Wider thermal zone

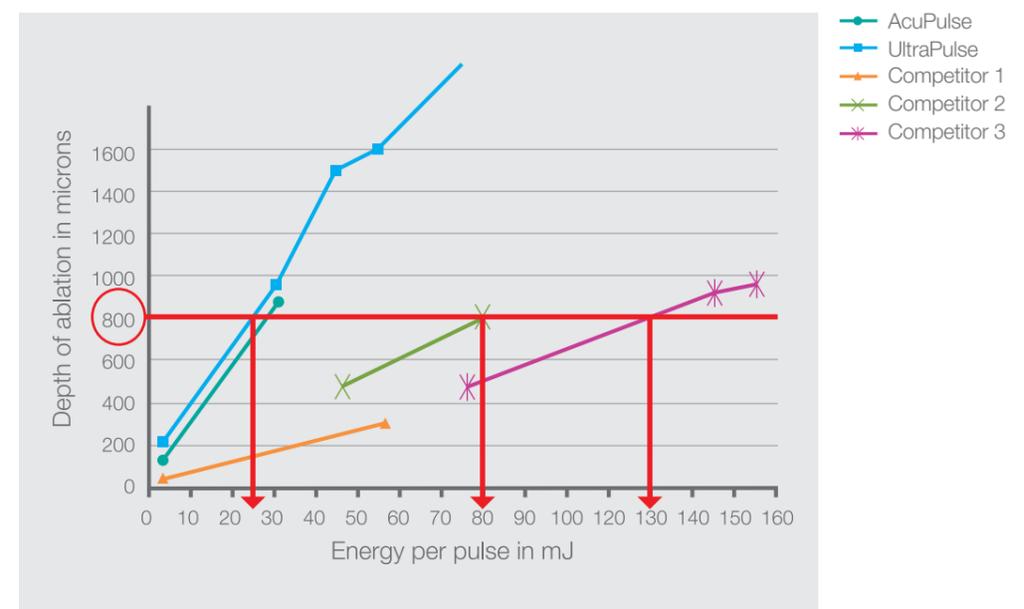
AcuPulse™ Superficial™ Mode  
Spot Size: 1.3mm  
Energy: 170mJ  
Density: 60%  
Penetration Depth: 150-200µm

Not indicative of clinical results

### Exceptional ablation/coagulation ratio

When ablation depth is equal, more energy means more excess heat in the tissue. SuperPulse™ technology enables deep penetration with low energy. This reduces patient discomfort, downtime and thermal damage.

AcuPulse™ also enables short pulses, further enhancing patient comfort.



# MultiMode™:

## 11 Treatment Modes for Maximum Versatility



AcuScan120™  
fractional scanner

### Superficial™

For uneven pigmentation, fine lines, uneven texture, dyschromia, actinic keratosis and more.

### Deep™

For deeper lines and wrinkles, acne scars, uneven texture, dyschromia and more.

### Women's health

For a variety of indication related to vulvar health

### Combo™

Deep and Superficial combined together for uneven pigmentation, acne scars, wrinkles and more.

### StretchTouch™

For skin furrows and textural irregularities.



SurgiTouch™  
advanced scanner

### FeatherTouch™

For gentle, single scan treatments.

### SilkTouch™

For more vigorous, double scan treatments.

### FineTouch™

For precise ablation of irregular pigmented lesions at various depths.

### ToeTouch™

For common foot ailments, such as plantar warts and ingrown toenails.

### Paint™

For controlled, continuous freehand placement on small areas.

### Women's health

For a variety of indication related to vulvar and vaginal health



125mm  
incisional handpiece

### Bleph™

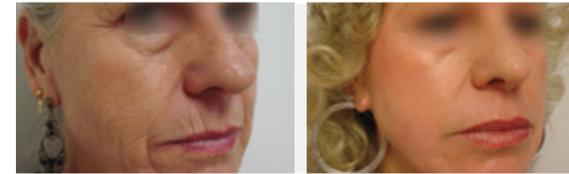
For precise, clean incisions with minimal bleeding.

# Aesthetic on AcuPulse™:

## A Trusted Path to Outstanding Outcomes

### Skin resurfacing

Courtesy of Rafael Nunes, MD



Before

After

*"I have used the AcuPulse™ to perform over 500 CO<sub>2</sub> laser procedures. We have used it for skin conditions as varied as warts to syringomas to photo-damage. The Combo mode is especially helpful as the unique injury patterns allow for deeper fractional treatments (e.g. for acne scarring), while still allowing for lighter conventional superficial resurfacing for pigment and fine lines (all in one pass). Its SuperPulse™ technology allows me to be more aggressive when I need to, while maintaining a wide patient safety margin, which ensures my patients are satisfied with the results of their treatments after a single session."*

**E. Victor Ross, MD, CA, US**

### Skin resurfacing

Courtesy of Girish Munavalli, MD



Before

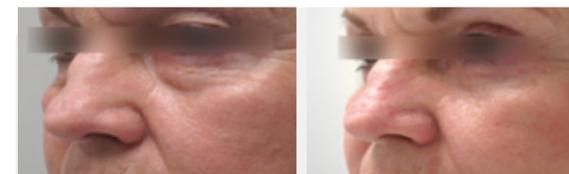
After

*"As a plastic surgeon, the AcuPulse™ CO<sub>2</sub> laser is perfect for me since I can offer effective treatment of scars. Many patients come to me because I treat with both CO<sub>2</sub> and ResurFX™ lasers soon after surgical procedures. They are confident they won't have scars, and they don't."*

**Francesca de Angelis, MD**

### Blepharoplasty and lower lid resurfacing

Courtesy of Girish Munavalli, MD



Before

After

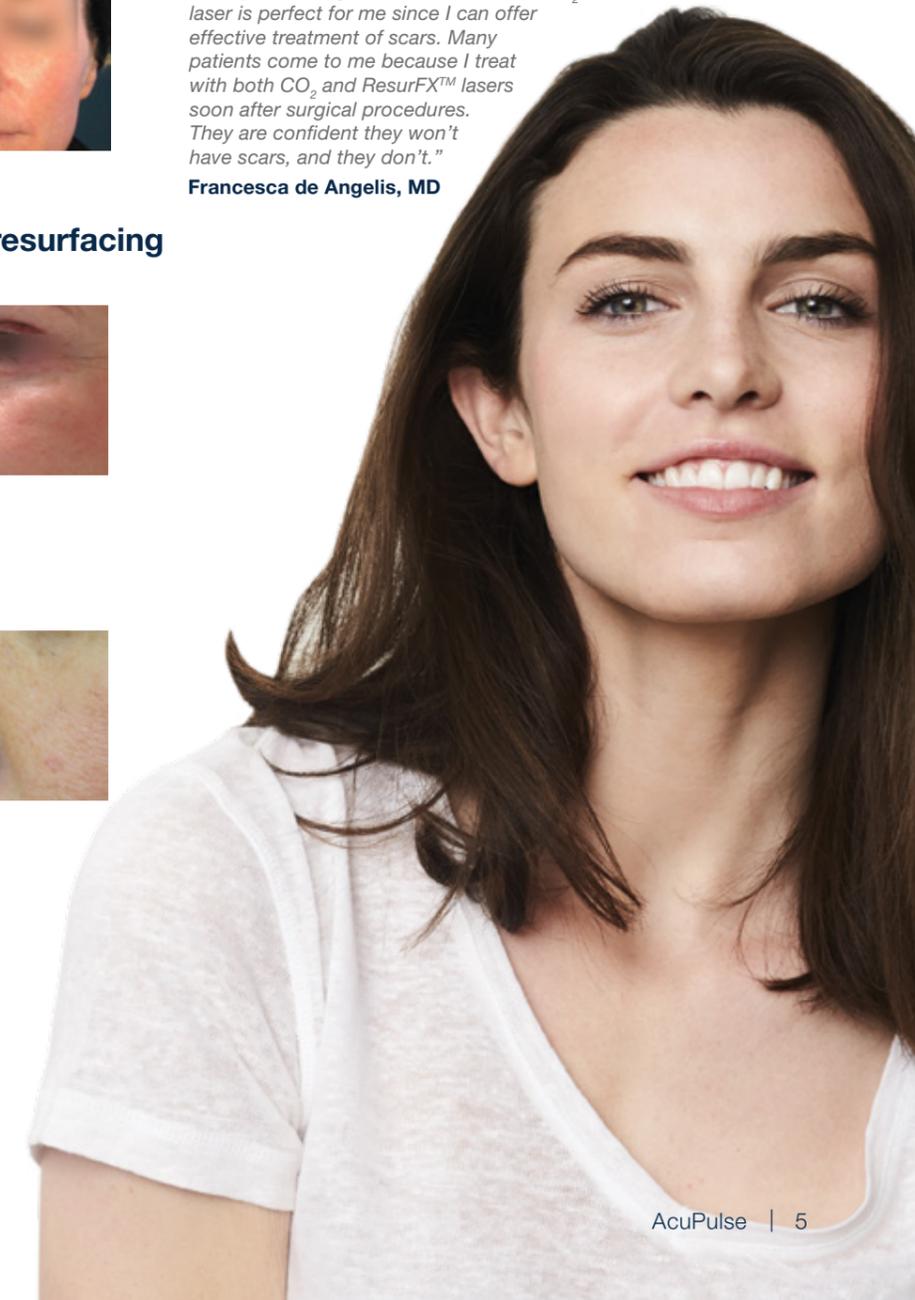
### Soft tissue (mole) removal

Courtesy of Nariaki Miyata, MD



Before

After



# Women's health on AcuPulse™:

## 360° of women's health solution

The women's health on AcuPulse™ offers a range of minimally invasive solutions for women coping with gynecologic conditions that affect their well-being, confidence and intimacy.

### Gynecological treatment

When operating on delicate anatomy, the aim is, first and foremost, to avoid thermal damage. That's why the AcuPulse™ CO<sub>2</sub> laser technology is a treatment of choice, suitable for use with a variety of approaches and applications.

#### Vaginal approach

- ✓ Vaginal abscess
- ✓ Genital warts
- ✓ Labial reduction
- ✓ Lichen sclerosis

#### Colposcopy approach

- ✓ Cervical Intraepithelial Neoplasia (CIN)
- ✓ Leukoplakia
- ✓ Condyloma
- ✓ Benign & malignant tumors

#### Laparoscopy approach

- ✓ Endometriosis
- ✓ Adhesions
- ✓ Myomas
- ✓ Cysts
- ✓ Hysterectomy



## Your journey with Lumenis has just begun.

We want your business to grow with Lumenis. That's why we have put together a support package that begins with the first conversation and will stay with you as your business begins to see the benefits. We provide a support package which ensures that you have all the training you need and receive the most up to date clinical materials.



#### Lumenis Practice Locator

Thousands of patients search for treatment providers every month. Help them find your clinic by registering your practice on the Lumenis Practice Locator. We run campaigns through influencers, social media and viral videos to promote this directory.



#### Lumenis online

Consumers have many questions about aesthetic. Our patient-facing websites will give them the re-assurance and confidence they need to move forward with the treatments.



#### Team Training

We install the system and train your staff, so that you are able to assess skin types and conditions, creating the perfect treatment plan for each individual patient. Our expert clinical training means they will handle consultations and treatments with confidence.



#### Your Most Valuable Resource

Your dedicated representative is an email, text, or phone call away. We want you to feel part of the Lumenis family, so please feel free to contact us any time. We'll always do our best to get back to you within 24 hours.



#### Brand Your Clinic

As a Lumenis client you will have access to the Lumenis Physician Portal. Here, you can find materials such as brochures and posters. You will also have access to a wealth of clinical and product information.



#### Extensive Service Network

We are committed to providing high quality, comprehensive service for medical equipment repair and maintenance. Lumenis service provides you with peace of mind, so you can focus on patient care, rather than on the equipment.

## Specifications

Platform	AcuPulse™ 40AES-F, 40AES-R, 40AES-A
<b>Technical Specifications</b>	
Wavelength	10,600 nm
Laser Type	SuperPulse™ and CW
Power to Tissue	40 W
Peak Power	170 W
Spot Size	min. 0.12 mm / max. 1.3 mm (AcuScan120™)
Scan Size	Up to 15 x 15 mm
Density per Scan	fractional: 3-60%, full ablative: >100%
Full Resurfacing Capabilities	yes
Fractional Capabilities	yes
Incisional Capabilities	yes
Excisional Capabilities	yes
Aiming Beam	5 mW red diode laser, 635 nm, adjustable intensity
Beam Delivery	Lightweight, 7-joint, spring-balanced arm w/120 cm (47.2 in) reach, 360° rotation
Memory Setting	min. 100
Cooling	Self-contained, closed cycle
Warranty and Coverage	1 year standard
Recommended Passes/Treatment	1
<b>Platform Specifications</b>	
Electrical	100–240 VAC, 10 A max., 50/60 Hz
Weight	49 kg (108 lbs)
Dimensions (WxDxH)	37 cm x 40 cm x 119 cm (14.6 x 15.8 x 47 in)

## Warnings and risks

CO<sub>2</sub> lasers are intended solely for use by physicians trained in the use of the Carbon Dioxide laser (10.6 μm) wavelength. Incorrect treatment settings or misuse of the technology can present risk of serious injury to patient and operating personnel. Risks that may be associated with any CO<sub>2</sub> laser procedure may include change of pigmentation, infection, erythema, skin induration or scarring. Read and understand the CO<sub>2</sub> systems and accessories operator manuals for a complete list of intended use, contraindications and risks.

The use of Lumenis® CO<sub>2</sub> laser is contraindicated where a patient has taken Accutane (Isotretinoin) within the past 6-12 months, has a history of keloid formation and demonstrate excessive or unusually prolonged erythema.

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