

CO<sub>2</sub>RE<sup>®</sup>

The Complete CO<sub>2</sub> Solution



# CO<sub>2</sub>RE - The Solution For Popular Treatments

# CO<sub>2</sub>RE - Clinical Results That Speak For Themselves



Wrinkle Treatment  
**52** million patients

Pigmentation Treatment  
**17** million patients

Scar Treatment  
**15** million patients

CO<sub>2</sub>RE - Extremely Versatile. Easy-to-Use. Featherweight Handpieces.

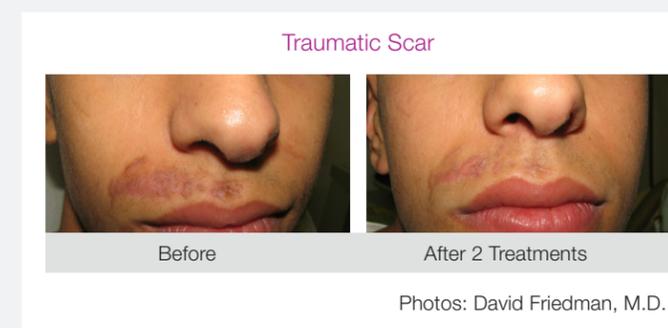
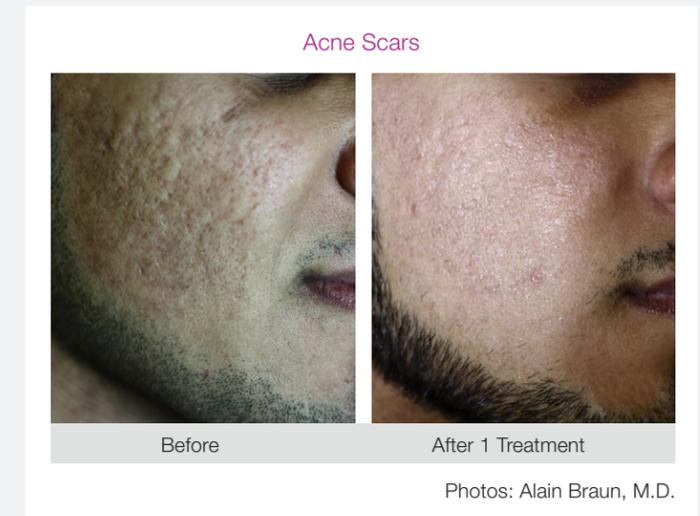
CO<sub>2</sub>RE is the versatile platform which offers proven solutions for skin resurfacing, wrinkle and scar reduction, pigmentation, minor dermal incisions and excisions, and now vaginal treatments. CO<sub>2</sub>RE gives you the ability to treat both superficial and deep skin layers simultaneously with precision control over the intensity, pattern and depth of ablation – all from a single platform.

Your practice is positioned for growth with CO<sub>2</sub>RE through the proven, predictable results, increased patient satisfaction and the ability to differentiate yourself with unique treatment offerings.

- 4 Modes: Light, Mid, Deep & Fusion for fractional resurfacing
- Classic Mode for full resurfacing
- Surgical Mode for incision and excision

- Choice of 4 featherweight handpieces
- Choice of 3 lenses

- Easy-to-learn user interface
- Featherweight articulated arm
- Compact size & easily mobile



One of CO<sub>2</sub>RE's advantages is the handpiece, which is very easy to hold. In comparison to other fractional handpieces, the CO<sub>2</sub>RE handpiece is thin, lightweight and easy to maneuver around the skin during treatments.

E. Victor Ross, MD, Dermatologist

For my practice, we selected the CO<sub>2</sub>RE CO<sub>2</sub> device because it is so versatile with traditional and fractional resurfacing, which means we can treat a wide range of conditions. Adding it to our practice has been easy - it has an excellent graphic interface, as well as a small footprint - and has expanded our patient offerings.

Hayes B. Gladstone, M.D., Dermatologic Surgeon, San Ramon, CA.

#### A Powerful CO<sub>2</sub> in a Compact Device

- 6 treatment modes for optimal tissue impact and total flexibility.
- Displays treatment selections via intuitive touch-screen interface.
- Stores and automatically recalls user preferences.

#### Digital Super Pulsed Laser

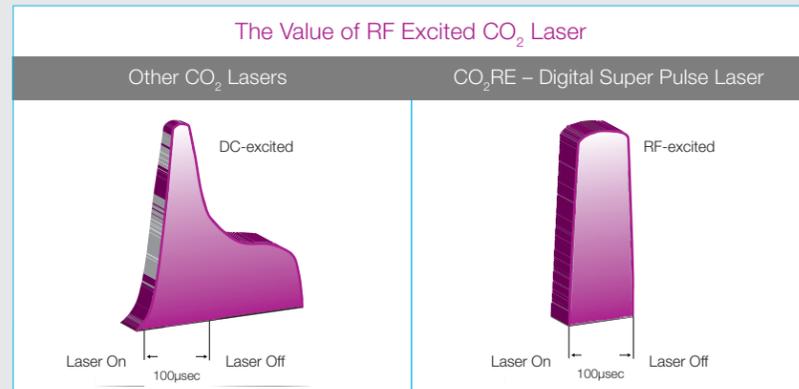
- Designed for optimum reliability and high performance.
- Delivers pulses with exceptional speed and precision.
- Varies the laser energy rapidly for multi-level treatment capabilities.
- True CW Surgical Mode for effective skin coagulation after the cut.

#### High Precision Inboard Scanner

- Digitally synchronized with the Laser Pulse Generator.
- Enables different parts of the same scan matrix to be placed at different depths.

Maximize your investment with clinical in-service training and marketing support, plus the confidence that comes with excellent warranty coverage and service support.

#### The Value of RF Excited CO<sub>2</sub> Laser



DC-excited CO<sub>2</sub> lasers deliver pulses with non-ablative emission tails which can result in less optimum ablation-coagulation ratio and patient discomfort.<sup>1</sup>

CO<sub>2</sub>RE's RF-excited CO<sub>2</sub> laser delivers a smooth top hat pulse with better ablation-coagulation ratio for optimal results.<sup>1</sup>

### CO<sub>2</sub>RE's Featherweight Articulated Arm and Multi-Use Handpieces



#### Multi-Use Aesthetic Handpiece

Many laser systems use articulated arms, yet none are as light, flexible and comfortable as the featherweight arm created for CO<sub>2</sub>RE.

Made of aluminum and pneumatically balanced, it features continuous beam centering optics, with 5 degrees of rotational freedom.



#### Multi-Use Surgical Handpiece

CO<sub>2</sub>RE's ultra-light, autoclavable Aesthetic and Surgical handpieces are as unique as the articulated arm.

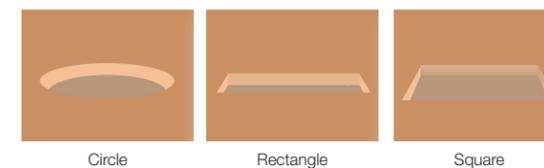
Because the laser scanners are inside the device and not hanging from the handpiece, CO<sub>2</sub>RE's high quality aluminum, multi-use treatment handpieces are ergonomically shaped and incredibly light.

## CO<sub>2</sub>RE Innovation Includes Variable Treatment Modes

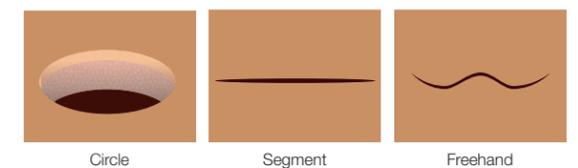
CO<sub>2</sub>RE is engineered to deliver a unique set of pattern generation capabilities that translate into more treatment options for a wider range of patient needs. CO<sub>2</sub>RE provides a total of six different treatment modes, including four fractional ablative treatment modes and pattern shapes, a classic resurfacing mode, and a surgical mode that includes defined shape and freehand modes for minor dermal excisions.

Program	CO <sub>2</sub> RE Light	CO <sub>2</sub> RE Mid	CO <sub>2</sub> RE Deep	CO <sub>2</sub> RE Fusion
Description	Provides superficial fractional treatments in the epidermis increasing epidermal cell proliferation.	Penetrates more deeply for a stronger fractional ablative effect, producing additional coagulated tissue below the dermal-epidermal junction.	Penetrates through to the dermis for the deepest fractional ablative effect, surrounded with significant coagulated tissue deeper into the dermis.	Unique scan pattern combines treatment depths and intensity of thermal injuries to optimize treatment in the epidermis and dermis simultaneously.
Pattern				
Histologies	 60 mJ at 0 days	 70 mJ at 0 days	 50 mJ at 0 days	 60 mJ at 0 days
	 60 mJ at 3 days	 70 mJ at 10 days	 50 mJ at 10 days	 75 mJ at 10 days

#### Traditional CO<sub>2</sub> Resurfacing Mode Shapes



#### Dermal Excision Mode Shapes



# Women's Intimate Wellness – An In-Demand, Rapidly Growing Market Need

Women's intimate wellness is a rapidly growing market need.

In a survey<sup>2</sup> of American women:

**93%** had not had any vaginal rejuvenation treatments

**43%** had heard of vaginal rejuvenation, labiaplasty, labial tightening and pigmentation treatment

**66%** suffer from Stress Urinary Incontinence to some degree

**63%** would consider a non-surgical procedure to tighten the vaginal canal

**75%** suffer from vaginal dryness and of these, **90%** say that it negatively affects their lives

## Women Are Taking Control



Many women experience painful intercourse, dryness, itching and burning of the vagina.<sup>3</sup>

Women have a growing interest in modifying the appearance of the vulva, including pigmentation.

With CO<sub>2</sub>RE Intima, physicians are now able to offer treatment of these conditions.

CO<sub>2</sub> lasers have been shown to remodel tissue with neof ormation of collagen and elastic fibers in atrophic skin.<sup>4</sup>

**Relieves**  
signs of childbirth & aging

- In a survey of American women, **63%** felt their vagina was looser since giving birth.
- Of these women, **62%** felt this negatively affected their sex life.

**In-demand**  
new treatment

The emerging area of women's intimate wellness creates new treatment opportunities for health care providers. Educational workshops are available to guide you through skills acquisition.

# CO<sub>2</sub>RE Intima Uniquely Treats All 3 Intimate Areas: Internal, External and Introitus.



Remodel vaginal connective tissue<sup>3</sup> with the hygienic, single-use Internal handpiece.



Treat dyschromia and vulvar dystrophy. Treat the introitus and improve the appearance of the external genitalia with the hygienic, single-use External handpiece.



Use the Surgical handpiece to excise or incise external tissue.



CO<sub>2</sub>RE Intima provides a value packed solution, attractively priced for easy access to this emerging women's intimate wellness market.

With CO<sub>2</sub>RE Intima, the hygienic, single-use handpieces assure women of the hygiene they expect of treatments in this intimate area.

These treatments are easy-to-master and quick with both internal and external treatments taking 10 minutes.

non-surgical in-office little to no downtime mild to no discomfort



## Women Report High Satisfaction with CO<sub>2</sub>RE Intima Treatments<sup>5</sup>

**73%** reported an improvement in sexual gratification.

**75%** reported an improvement in vaginal rejuvenation.

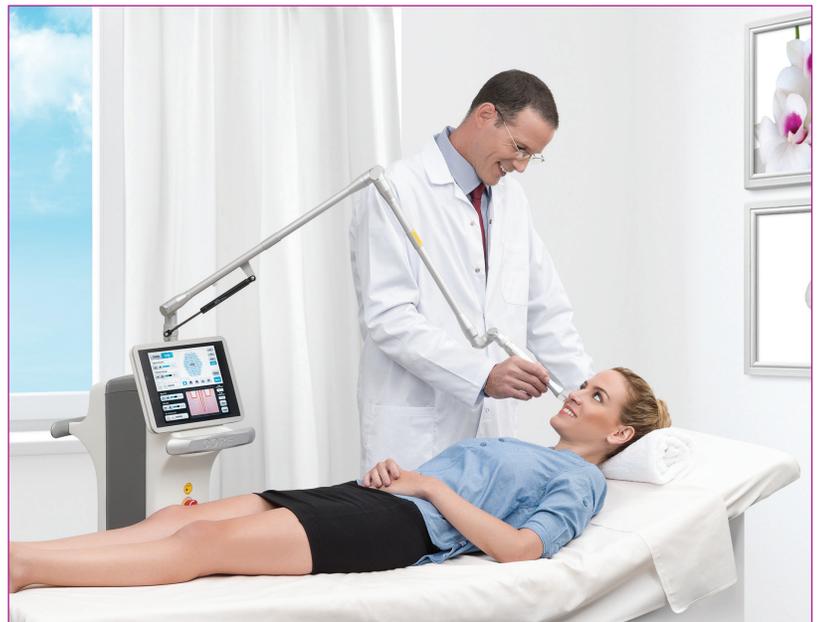
**92%** reported satisfaction with treatment and would recommend it.

## CO<sub>2</sub>RE System Specifications

Laser Type	CO <sub>2</sub>
Wavelength	10,600 nm
Laser Emission Mode	Pulsed, CW
Output Power	60 Watts (maximum peak)
Laser Beam Energy	Up to 70 mJ
Pulse Repetition Rate	Up to 16.7 kHz
Pulse Duration	Up to 1100 µsec
Maximum Scan Area	10 mm diameter
Aiming Laser	5 mW, 650 nm (red) diode laser
Articulated Arm	<ul style="list-style-type: none"> <li>Lightweight, aluminum fiber, 7-joint, pneumatically balanced</li> <li>Treatment radius at full arm extension: 85 cm (33.5")</li> <li>Horizontal rotation: 360°</li> </ul>
Lens Assemblies	Two 150 µm spot size (1 swivel) 120 µm spot size
Handpieces	Multi-use CO <sub>2</sub> RE Aesthetic handpiece. Hygienic, single-use Internal and External CO <sub>2</sub> RE Intima handpieces. Multi-use Surgical handpiece.
User Interface	10.4" high-resolution color LCD Touch-screen technology
Laser Emission Control	Footswitch
Laser Emission Indicators	<ul style="list-style-type: none"> <li>Solid amber LED in Standby and Ready modes</li> <li>Flashing red LED during laser emission</li> </ul>
Electrical Requirements	100 - 240 VAC self-sensing, 50/60 Hz, 7.1 A, single phase
Dimensions	40 cm x 44 cm x 177 cm (15.75" x 17.3" x 70")
Weight	26 kg (58 lbs)

## Operating Modes

Mode	Energy Settings (mJ)	Fluence (J/cm <sup>2</sup> )	Fractional Coverage (%)	Estimated Ablation Depth (µm)
CO <sub>2</sub> RE Light	18 - 74.5	3.6 - 6.6	30 - 50	20 - 40
CO <sub>2</sub> RE Mid	45 - 257	8.8 - 22.7	20 - 40	100 - 200
CO <sub>2</sub> RE Deep	30 - 70	170 - 396	1 - 5	500 - 750
CO <sub>2</sub> RE Fusion	45 - 128 30 - 70	8.1 - 24.8 170 - 396	20 - 40	100 - 200 & 500 - 750
Classic Resurfacing	1 - 10	5.6 - 56.5	Full	100 - 200
Surgical	5 - 40	28.3 - 226	N/A	0.2 mm predefined line segment 0.2 mm freehand mode



## Science. Results. Trust.

Syneron Candela is a leading global aesthetic device company with a comprehensive product portfolio and a global distribution footprint.

The Company's technology enables physicians to provide advanced solutions for a broad range of medical-aesthetic applications including body contouring, hair removal, wrinkle reduction, tattoo removal, improving the skin's appearance through the treatment of superficial benign vascular and pigmented lesions, and the treatment of acne, leg veins and cellulite.

The Company sells its products under three distinct brands, Syneron, Candela and CoolTouch, and has a wide portfolio of trusted, leading products, including

UltraShape, VelaShape, GentleLase, VBeam Perfecta, PicoWay, Profound and elos Plus.

Founded in 2000, the company markets, services and supports its products in 86 countries. It has offices in North America, France, Germany, Italy, Portugal, Spain, UK, Australia, China, Japan, and Hong Kong, and distributors worldwide. For additional information, please visit [www.syneron-candela.com](http://www.syneron-candela.com).

**SYNERON CANDELA®**

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<sup>1</sup> Data on file

<sup>2</sup> Proprietary Syneron Consumer Survey, 2015

<sup>3</sup> Perino A. Vulvo-vaginal atrophy: A new treatment modality using thermo-ablative fractional CO<sub>2</sub> laser. *Maturitas*. 2015 Mar;80(3):296-301.

<sup>4</sup> Salvatore S, et al. Histological study on the effects of microablative fractional CO<sub>2</sub> laser on atrophic vaginal tissue: an ex vivo study. *Menopause*. 2015, Jan 20. [Epub ahead of print].

<sup>5</sup> Clinical Study HM Montepincipe Hospital, Madrid, Spain, 2015