

CO₂RE[®]

Complete platform for
your patients' needs



 **CANDELA[™]**
Science. Results. Trust.

A complete CO₂ laser platform designed with your patients in mind

The CO₂RE® system is a highly versatile fractional CO₂ laser engineered to assist you in performing procedures requiring the excision, incision, ablation, coagulation, and resurfacing of soft tissue.^{1,2}

Optimal reliability and high performance

- Featherweight handpieces and articulated arm minimize physician fatigue
- Wide selection of handpieces and lenses
- Intuitive touch-screen interface stores and recalls user preferences
- Precision inboard scanner is digitally synchronized with the laser pulse generator
- Compact, quiet, and easily mobile

Six treatment modes allow for precise and individualized treatments

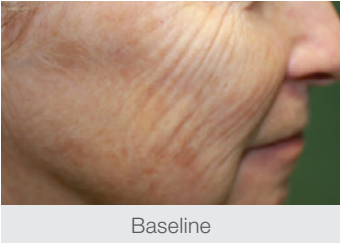
4 fractional ablative treatment modes + 5 pattern shapes	1 classic resurfacing mode + 3 pattern shapes	1 surgical mode + defined shape and freehand modes for minor dermal excisions
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The CO₂RE® system gives you the ability to treat both superficial and deep skin layers simultaneously with precision control over the intensity, pattern, and depth of ablation, with a single platform. You'll also experience the versatility of 3 modules—Aesthetic, Surgical, and Intima—along with a true continuous wave surgical mode for efficient skin coagulation, and laser energy that is rapidly varied to deliver multi-level treatment capabilities.

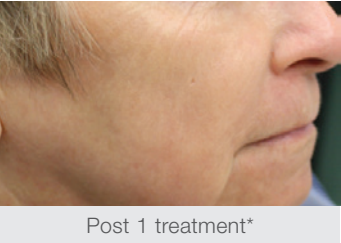


Predictable clinical outcomes

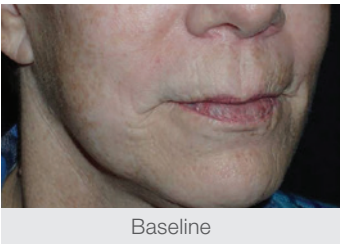
Wrinkles



Photos courtesy of Lenka Kucerova, M.D.



Skin Resurfacing



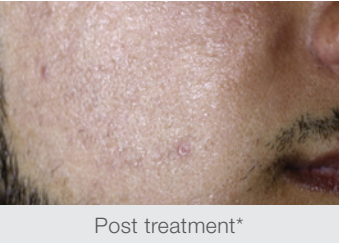
Photos courtesy of Joe Niamtu, III, D.M.D.



Acne Scars



Photos courtesy of Alain Braun, M.D.



Anti-Aging Arms



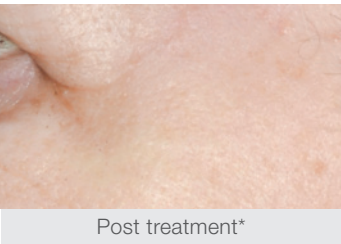
Photos courtesy of Jill Waibel, M.D.



Surgical Scar



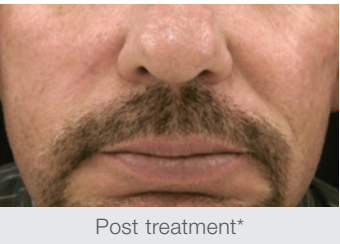
Photos courtesy of Neil Shah, M.D.



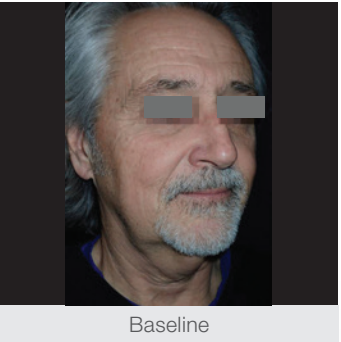
Mohs Surgical Scar



Photos courtesy of Joel Cohen, M.D.



Periocular and Full Face Resurfacing



Photos courtesy of Joe Niamtu, III, D.M.D.



*All photos are unretouched. Individual results may vary.



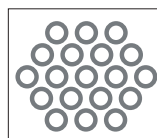
CO₂RE[®]

Designed to adapt to your patients' needs

SYSTEM SPECIFICATIONS

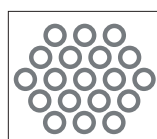
Laser Type	CO ₂
Wavelength	10,600nm
Laser Emission Mode	Pulsed
Output Power	60 watts (maximum peak)
Laser Beam Energy	Variable from 30 - 80 mJ
Pulse Repetition Rate	Up to 16.7 kHz
Pulse Duration	20-1166 µsec
Power Stability	± 1.5 watts (±5%)
Mode Quality (M ²)	< 1.2
Beam Size	Ø 1.8 ± 0.5 mm
Beam Divergence	7.5 ± 0.5 mrad (full angle)
Polarization	> 100:1 linear (orthogonal to mounting pads)
Maximum Scan Area	10 mm diameter
Aiming Laser	5 mW, 650 nm (red) diode laser
Articulated Arm	Lightweight, aluminum fiber, 7-joint, pneumatically balanced Treatment radius at full arm extension: 85 cm (33.5") Horizontal rotation: 360°
Lens Assemblies	150 µm spot size 120 µm spot size (optional)
Handpiece	Multi-use or surgical hand piece
User Interface	10.4" high-resolution, touch-screen
Laser Emission Control	Footswitch
Laser Emission Indicators	Solid amber LED: Standby and Ready modes Flashing red LED: Laser emission
Electrical Requirements	100 - 240 VAC self-sensing 50/60 Hz, 7.1 A, single phase
Dimensions with articulated arm (W x D x H)	40 cm x 44 cm x 177 cm (15.75" x 17.3" x 70")
Weight	26 kg (58 lbs)

Unique pattern-generation capabilities for more treatment options



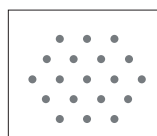
CO₂RE Light

Provides superficial fractional treatments in the epidermis, increasing epidermal cell proliferation.



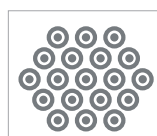
CO₂RE Mid

Penetrates more deeply for a stronger fractional ablative effect, treating tissue below the dermal-epidermal junction.



CO₂RE Deep

Penetrating to dermal tissue for deepest fractional effect of combined ablation and coagulation.



CO₂RE Fusion

Unique scan pattern combines treatment depths and intensity of thermal injuries to optimize treatment in the epidermis and dermis simultaneously.



For more information about how the CO₂RE system may help achieve your practice goals, contact your local Candela sales professional or visit candelamedical.com

References: 1. CO₂RE Laser System 510(k) clearance (K181523), July 2018. 2. CO₂RE System CE mark clearance (2013886CE02)



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