



# Profound<sup>®</sup>

Creates younger skin! Profoundly.



Predictable\*  
results via  
real time  
temperature  
control

Clinically  
proven  
100%  
response rate\*

Elastin, collagen  
and hyaluronic acid

SYNERON  CANDELA<sup>®</sup>

\*Based on results of a clinical study in 20 patients, measuring improvement in Fitzpatrick Wrinkle Scale at 3 months compared to baseline based on independent review of photographs.

## Growing Demand For High-End Facial Treatment



**\$45 billion potential market** in the US alone!\*\*

# Profound -1<sup>st</sup> Device to Create All 3 Skin Fundamentals. Profoundly.

## Elastin. Collagen. Hyaluronic Acid.

Uniquely, Profound is clinically proven to create 3 vital skin elements: elastin, collagen and hyaluronic acid<sup>2</sup>. These major skin building blocks work to create dermal volume.

Profound is the first device with temperature controlled radiofrequency clinically and scientifically proven to deliver energy directly to the deep dermis to stimulate neo-elastogenesis, neocollagenesis and hyaluronic acid deposition. **Now Profound delivers fractional RF energy to the subcutaneous layer enabling treatment of adipose tissue and the septae as well.**

Profound is a comprehensive treatment addressing both the Dermal & SubQ layers. Confidently expand your practice offerings with this single treatment procedure with a 100% response\* rate.

**NEW:** Now treats and remodels adipose tissue and septae with the SubQ module.

Creates elastin, collagen and hyaluronic acid with the Dermal module.

Creates dermal volume, naturally, to answer a big concern: how to replace lost volume in aging skin.

Yields 100% response\* for total patient satisfaction.

Treats jawline, jowls, wrinkles and other textural considerations.

Real time temperature control for unprecedented treatment control.

Yields predictable results with complete control over depth, temperature and time of treatment.

"In my practice, Profound is our preferred and most effective treatment for skin volumizing and lifting of the face and neck. An additional benefit of the Profound treatment is the overall improvement in skin quality, and a noticeably greater elasticity of the skin."

Leyda Bowes, M.D., Miami, Florida, USA

# Profound - Profoundly Impressive Results of a Multi-Center Study of 100 Patients

Clinically  
proven  
100%  
response rate\*

## Effective at Toning Lax Skin, Creating Dermal Volume

- 1st clinical evidence of profound neoelastogenesis<sup>2</sup>
- Clinical proof of new elastin, collagen & hyaluronic acid<sup>2</sup>
- Increase in reticular dermal volume<sup>2</sup>

## High Physician & Patient Satisfaction

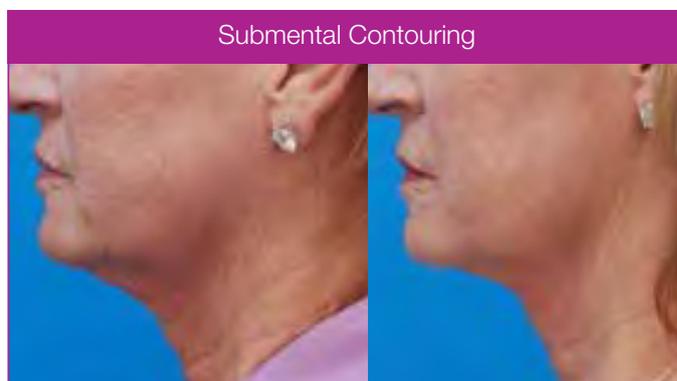
- 100% response rate for wrinkles<sup>3</sup>, 95% response rate for skin laxity<sup>3</sup>
- 47% had “significant to dramatic improvement in global skin appearance”<sup>3</sup>
- Non-surgical, yet yields 37% improvement in skin laxity compared to a surgical face lift<sup>4</sup>
- Natural healing response at all skin levels.<sup>2</sup> No fillers. No toxins.

## Profound Results in a Single Session Treatment



Before 2 months post 1 treatment

Photos: Steve Eubanks, M.D.



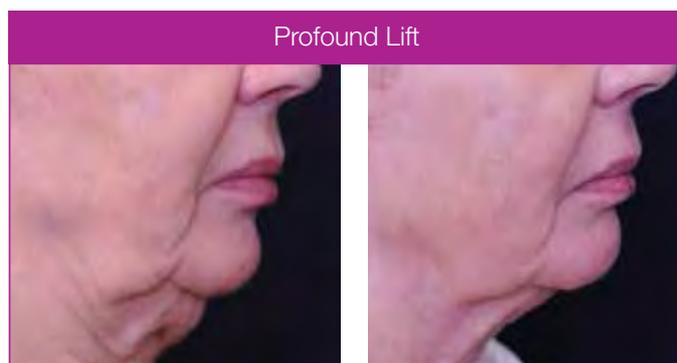
Before 1 month post treatment

Photos: Mark Beaty, M.D.



Before 3 months post 1 treatment

Photos:  
Macrene Alexiades-Armenakas, M.D., Ph.D.



Before 6 months post 1 treatment

Photos:  
Macrene Alexiades-Armenakas, M.D., Ph.D.

# Profound Naturally Solves the Biggest Problem of Aging Skin - Loss of Volume & Elasticity



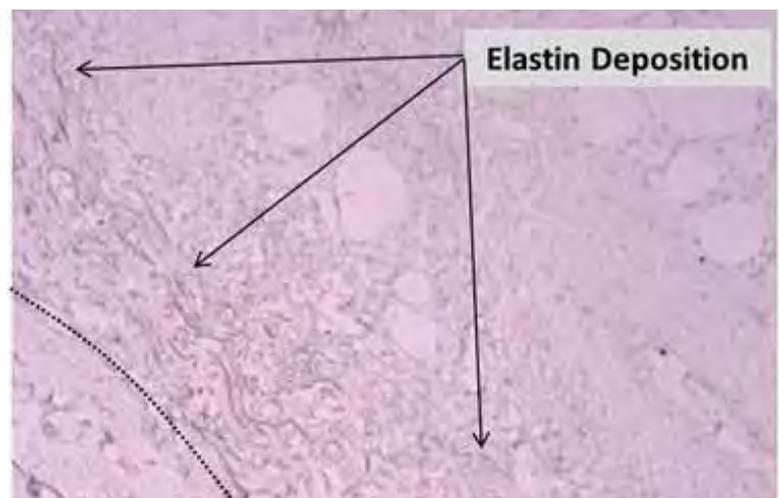
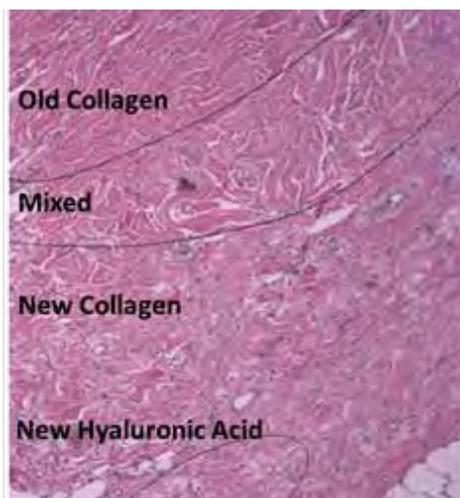
Elastin, collagen  
and hyaluronic acid

For most physicians who provide aesthetic treatments, replacing lost volume in the dermis is one of the most challenging aspects of treating aging skin. Profound replaces this lost volume and elasticity by fostering neoeLASTinogenesis, neocollagenesis and the generation of new hyaluronic acid.<sup>2</sup>

Profound uniquely generates new dermal volume. This is the result of the natural healing process following a carefully controlled thermal impact in the dermis. For patients who prefer a natural approach, dermal volume and elasticity is created by fostering the body's own healing process, without fillers or toxins.

## Clinical Proof: New Elastin, Collagen & Hyaluronic Acid

Histological studies confirm that Profound yields "profound neoeLASTinogenesis and neocollagenesis".<sup>1</sup>



10 - week dermal remodeling after an Profound treatment. Left panel: neocollagenesis and hyaluronic acid deposition showed after H&E staining. Right panel: neoeLASTinogenesis showed after elastic - Van Gieson staining method.

"Profound takes us to the next level...we deliver the RF energy directly to the target. We also have real-time feedback of target tissue temperature and delivered energy, so we can control how much energy we deliver, as well as achieve and maintain a therapeutic temperature level exactly where the energy is supposed to go. **In my experience, this device is by far the most effective for minimally invasive dermal volumizing in a single treatment.**"

Macrene Alexiades-Armenakas, M.D., Ph.D, Dermatology and Laser Surgery Center, New York, NY, USA

# Complete Treatment Control for All Areas, in a Single Treatment

With Profound, you can control the temperature, treatment time and treatment depth, each independently. This means that each treatment can be completely customized to the patient and the particular skin condition being treated.

The smartly designed Profound handpieces guide you to correct placement of the microneedles. All areas of the face can be treated: periorbital, perioral, nasalabial folds, cheeks, jawline and neck. And Profound is suitable for all skin types.

Dermal Cartridge

- Nasalabial folds
- Volumize cheeks
- Volumize marionette lines

SubQ Cartridge

- Tone lax jawline
- Add structure to neck



100% Predictable results\*  
due to complete control over  
temperature endpoints and  
duration of treatment.



Predictable  
results via  
real time  
temperature  
control

# The Science That Treats Both Dermal & SubQ, Profoundly.

**Treatment Zones With Profound Dermal Cartridge**

Profound uses the Dermal handpiece and cartridge with 5 pairs of electrode fitted micro-needles to deliver bipolar radiofrequency energy to the deep reticular dermis, without thermal impact on the epidermis. This controlled fractional injury creates new elastin, collagen and hyaluronic acid.

**Treatment Zones With Profound SubQ Cartridge**

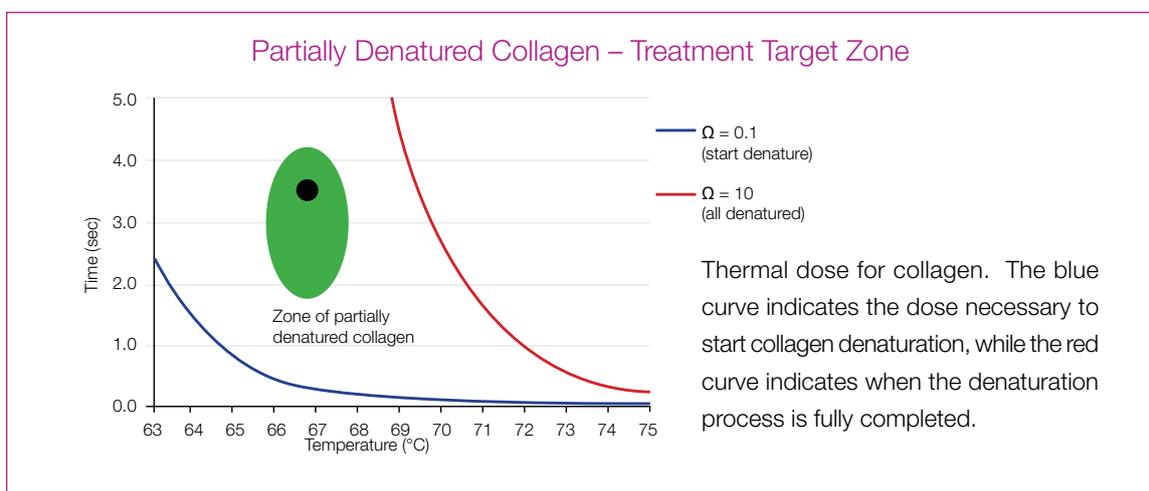
Profound uses the SubQ handpiece and cartridge with 7 pairs of electrode fitted micro-needles to deliver the RF energy to the subcutaneous layer. This controlled fractional injury treats the adipose tissue and remodels the septae.

Profound's approach creates true fractional zones of thermal injury where it will have the most impact. The epidermal and papillary dermal injury caused by the micro-needle insertion may partly contribute to the global skin quality results.<sup>3</sup>

## Profound has 100% Predictable Results\*

Only Profound has unique Real-time Temperature & Impedance Control (RTIC). This feedback mechanism ensures that the target temperature is reached regardless of a patient's skin condition. Because the desired treatment temperature can be precisely dialed in and assuredly maintained, Profound can achieve the target of partially denatured collagen which has been proven to be "more effective at inducing wound healing than fully denatured collagen".<sup>3</sup>

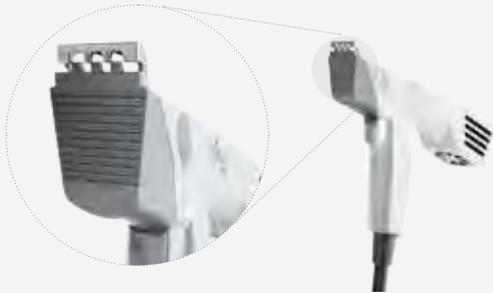
Real-time temperature and impedance control enables Profound to deliver 100% predictable results due to this feedback mechanism.



\*Based on results of a clinical study in 20 patients, measuring improvement in Fitzpatrick Wrinkle Scale at 3 months compared to baseline based on independent review of photographs.

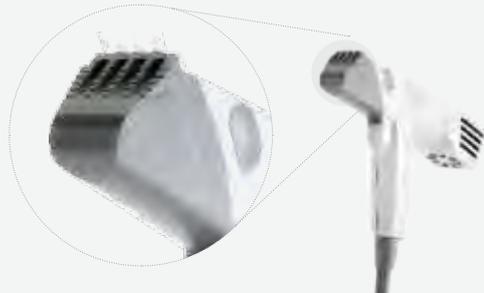
# Profound - Volumizes, Contours and Tones.

## Dermal Handpiece



- Treats the Dermal layer, between 1-2 mm
- Single-use cartridge with 5 pairs of micro-needles
- Cold plate for epidermal protection

## SubQ Handpiece



- Treats the Subcutaneous layer, between 2.9-5.8 mm
- Single-use cartridge with 7 pairs of micro-needles
- Treats adipose tissue

## Needle Cutaway View



## Real Time Temperature Control

100% predictable results, 100% of the time.

## Unique Real Time Feedback

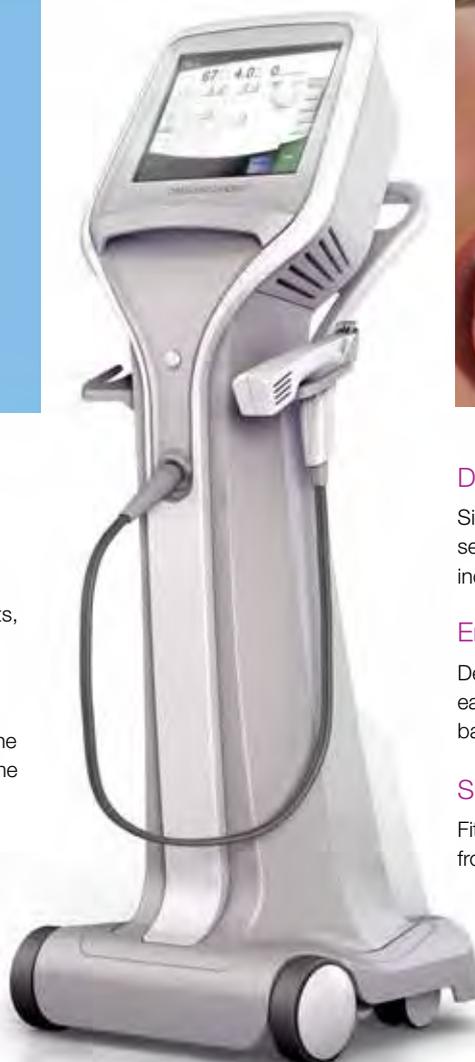
Know your exact treatment temperature endpoints, with a specific targeted effect.

## Intuitive Software

Full treatment control: control of temperature at the treatment site, control depth of treatment, and time of treatment, all independently.

## Easy Touch Screen Interface

Intuitive, color touch screen interface - easy to use and carefully tracks treated areas.



## Dermal and SubQ Cartridges

Single-use, sterile treatment cartridge with five or seven pairs of bi-polar micro-needles, each pair with independent temperature control.

## Ergonomic

Dermal handpiece has integrated skin stabilizer for easy guided insertion and thermokinetic skin cooling bar. Both handpieces are lightweight.

## Sleek, Attractive, Mobile Device

Fits into any office setting. Moves easily from room to room, or between offices.

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## Profound System Specifications

Bi-polar Radio Frequency	5 ± 460 kHz
Maximum Output Voltage	84 VRMS; 5W per channel
Handpieces	Dermal - 5 independent pairs of bi-polar micro-needles SubQ - 7 independent pairs of bi-polar micro-needles
Mode	PID temperature control
Target Temperature Range	65 - 75°C (149 – 167°F) ± 1°C
Treatment Duration	3-5 seconds, 0.2 second increments
User Interface	GUI – color touch screen
System Dimensions	125 x 46.5 x 44.5 centimeters 29.5 x 18.5 x 17.5 inches
System Weight	23 kg / 55 lbs
Electrical Requirements	240 – 100 VAC; 2.5 A; 60-50 Hz; single phase



Dermal Box of 6 Cartridges



SubQ Box of 6 Cartridges

## 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 elōs 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).

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<sup>1</sup> Elastometry and Clinical Results After Bipolar Radiofrequency Treatment of Skin, Willey, Andrea et al. Dermatologic Surgery, 2010

<sup>2</sup> Bipolar Fractional Radiofrequency Treatment Induces Neocollagenesis and Neocollagenesis, Hantash, Basil et al. Lasers in Surgery and Medicine, 2009

<sup>3</sup> Prospective Multicenter Clinical Trial of a Minimally Invasive Temperature-Controlled Bipolar Fractional Radiofrequency System for Rhytid and Laxity Treatment, Alexiades-Armenakas, Macrene et al. Dermatologic Surgery, 2012

<sup>4</sup> Blinded, Randomized, Quantitative Grading Comparison of Minimally Invasive, Fractional Radiofrequency and Surgical Face-lift to Treat Skin Laxity, Alexiades-Armenakas, Macrene et al. Archives of Dermatology, 2010