



  
elōs Plus®  
Complete Aesthetic Work Station



# eōs Plus - Solutions for Popular Treatments

Wrinkle  
Treatment

~52 million  
patients<sup>1,2</sup>

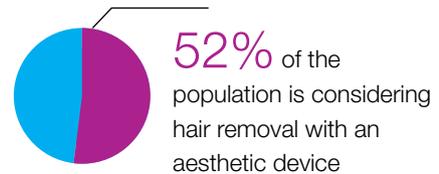
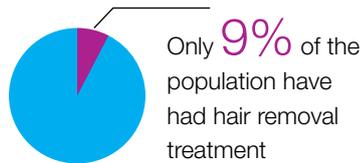
Scar  
Treatment

~17 million  
patients<sup>1,2</sup>

Pigmentation

~15 million  
patients<sup>1,2</sup>

Hair Removal  
Treatment



## eōs Plus: The Complete, Multi-Application Aesthetic Work

### Multi-application

Offers a full range of the most in-demand applications

### eōs safety

Treats all skin types due to the advanced safety measures on the eōs Plus platform

### eōs results

Uniquely combined of optical and radiofrequency energies for highly effective results

### Ultimate flexibility

Customizable, to suit individual practice needs



### Partners for Success

Clinic finder on [syneron-candela.com](http://syneron-candela.com) | Practice building tools  
On-site clinical training | Syneron certified technicians  
Customer portal access

<sup>1</sup> 2013 U.S. Census Bureau, Population Division, June 2014

<sup>2</sup> Internal Syneron Candela Estimation

# elōs Technology: It's Brilliant

elōs technology (electro-optical synergy) is a revolutionary step forward in the practice of aesthetic medicine. elōs enables a safer and deeper penetrating combination of optical (laser or pulsed light) and radio frequency energies.

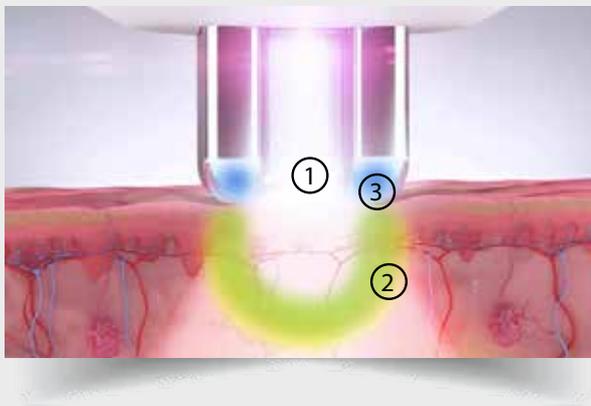
By combining these energies, the optical fluence can be lowered by up to 60% for safer, more comfortable treatments while yielding the desired clinical efficacy.

## How Works

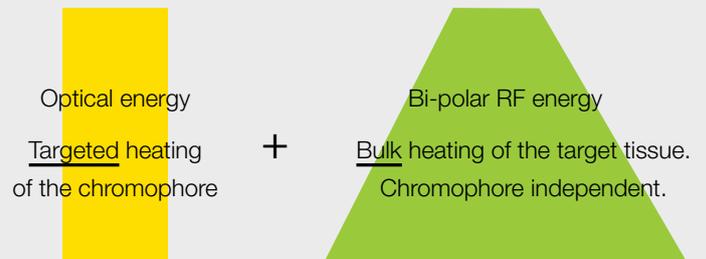
1. **Optical energy** is selectively absorbed by the target tissue and converted into thermal energy, pre-heating the target tissue.

2. **RF current** flows between the electrodes, creating a diffuse heating in the dermal layer and causing additional thermal impact on the target tissue.

3. **Simultaneously**, the epidermis is cooled by the chilled applicator tip which increases the skin's impedance, further protecting the epidermis and forcing the RF energy to penetrate deeper into the pre-heated, lower impedance of the target tissue.



## elōs technology is



## Unprecedented Safety and Superior Results



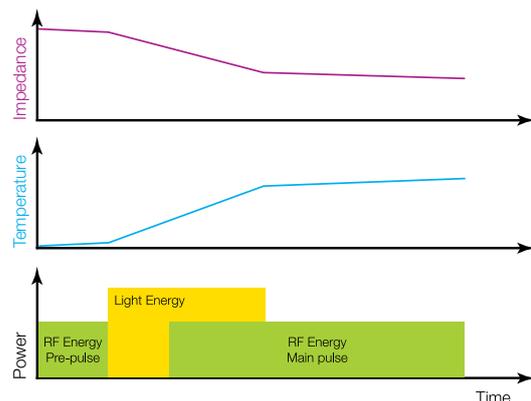
- ✓ Lower optical energy means lower risk to epidermis
- ✓ RF energy enables deeper thermal penetration into the tissue
- ✓ RF is chromophore independent and not selectively absorbed by melanin
- ✓ The key to elōs safety is Active Dermal Monitoring

## Active Dermal Monitoring (ADM)

is an integral part of elōs technology. It is a skin impedance feedback mechanism that provides a unique safety feature.

During the application of the RF energy portion of the pulse, the device measures changes in the skin's impedance (**ISM - Impedance Safety Measurement**), indicating a change in the tissue temperature. **The Impedance Safety Limit (ISL)** limits how much the temperature in the dermis is allowed to increase during treatment.

ADM ensures that effective thermal profiles are achieved.





- || Higher total energy can be delivered to the target, without risk of epidermal damage
- || Higher treatment depth due to RF
- || Enhanced selectivity and targeting

## NEW trinita Plus - 3 Treatments in 1 Session

- Treats all 3 - skin rejuvenation, wrinkles and non-ablative resurfacing
- Treatments performed sequentially, during the same office visit
- Combined elōs energies (light + RF) and Sublative RF fractional technology for overall rejuvenation

In a study, 80% of subjects showed improvement after 1 treatment.



Photos: Ruthie Amir, M.D.

## SR/SRA for Color Correction

- For treatment of benign pigmented and vascular lesions
- Combined elōs energies (light + RF) precisely target pigmented and vascular lesions which gradually fade

According to a study, overall skin improvement was rated



Photos: CMC Medical Center

## Sublime Non-Invasive Wrinkle Treatment

- Fine wrinkle treatment, reveal a smoother and a more even complexion
- Combined elōs energies (light + RF) precisely heat the dermal tissue stimulating collagen production

In a study, 89% of the subjects reported moderate to significant subjective improvement in skin laxity.<sup>2</sup>



Photos: Ruthie Amir, M.D.

## Sublative for Texture Improvement

- Improvement of fine lines, wrinkles, acne scars, skin irregularities and striae
- Fractional radiofrequency initiates a strong wound healing response while minimizing the damage to epidermis

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According to a study, 100% of patients reported satisfaction and improvement.<sup>3</sup>



Photos: Michael Gold, M.D.

## Motif "Pain Free" Hair Removal

- Combined elōs energies (diode + RF)
- NEW Motif Vantage has the largest spot size available for fast treatments.

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In a study, results showed 65% hair reduction after a single treatment.<sup>4</sup>



Photos: Ruthie Amir, M.D.

## Acne Treatment

- Combined elōs energies (photodynamic therapy + RF) selectively targets sebaceous glands and bacteria
- RF reduces activity in the sebaceous gland while blue light energy destroys active acne

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As reported in the literature, the mean lesion count was reduced by 47% after eight treatments.<sup>5</sup>



Photos: Tess Mauricio, M.D.

## LV / LVA for Vascular Lesions and Leg Veins

- Combined elōs energies (optical + RF) provides controlled selective thermolysis to eliminate vascular lesions
- Treatment of vascular lesions, leg veins and smaller resistant vessels, including fine telangiectasias

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According to a study, 90% of patients had 50-100% vessel clearance.<sup>6</sup>



Photos: Cyrus Chess, M.D.



"The versatility of elos Plus has been great for my practice. The combined energies (optical and RF) allow us to safely provide exceptionally effective treatments for all skin types with a high level of comfort and without downtime."

Craig Mezrow, M.S., M.D., Plastic and Reconstructive Surgery, Bala Cynwyd, PA

# The Premium Multi-application Platform



18 in-demand applications

15 applicators

Rapid ROI due to extensive applications

## Value-Packed Premium Platform

- ✓ 3 applicators connected at once for ease-of-use
- ✓ NEW: Enhanced Energy Mode  
Visible results in a single treatment
- ✓ NEW: trinitri Plus combination therapy
- ✓ NEW: Motif Vantage for fast diode-laser hair removal
- ✓ Plug & Play software upgrades

## Engineered for Safety

- ✓ Patented Active Dermal Monitoring™ monitors skin impedance changes during each pulse for added safety
- ✓ Sapphire contact cooling for epidermal protection and patient comfort

## Intuitive User Interface

- ✓ Touch to Treat
- ✓ Recommended treatment parameters
- ✓ Adjustable treatment screen

"elōs technology goes beyond being the next generation of intense pulsed light devices: it represents a major advance due to the addition of radiofrequency energy. RF adds a dimension that yields much greater textural changes of the skin and sebaceous glands, making fine wrinkles and scar modulation a reality."

Amy Taub, M.D., Illinois, USA

## elōs Plus Specifications

Applicator	Spectrum	Light Fluence		RF Energy		Treated Area	Max. Pulse Rep Rate		Cooling
Sublative	N/A	N/A		Up to 100 mJ/pin		Standard 64: 12 x 12 mm Focal 44: 11 x 3 mm	1 Hz		N/A
Sublime	700-2000 nm	Up to 6 W/cm <sup>2</sup>		Up to 200 J/cm <sup>3</sup>		12 x 8 mm	1 Hz		10°C
SR	580-980 nm	Up to 45 J/cm <sup>2</sup>		Up to 25 J/cm <sup>3</sup>		25 x 12 mm	1 Hz		5°C
SRA	470-980 nm	Up to 45 J/cm <sup>2</sup>		Up to 25 J/cm <sup>3</sup>		25 x 12 mm	1 Hz		5°C
AC	400-980 nm	Up to 18 J/cm <sup>2</sup>		Up to 25 J/cm <sup>3</sup>		25 x 12 mm	1 Hz		5°C
LV	915 nm	Up to 140 J/cm <sup>2</sup>		Up to 100 J/cm <sup>3</sup>		8 x 5 mm	1 Hz		5°C
LVA	915 nm	100 - 350 J/cm <sup>2</sup>		Up to 100 J/cm <sup>3</sup>		8 x 2 mm	1 Hz		5°C
SR Plus	580-980 nm	Up to 35 J/cm <sup>2</sup>		Up to 25 J/cm <sup>3</sup>		35 x 14 mm	2 Hz		5°C
SRA Plus	470-980 nm	Up to 35 J/cm <sup>2</sup>		Up to 25 J/cm <sup>3</sup>		35 x 14 mm	2 Hz		5°C
SRA mini	470-980 nm	Up to 35 J/cm <sup>2</sup>		Up to 25 J/cm <sup>3</sup>		15 x 14 mm	1 Hz		5°C
		Pulse Mode J/cm <sup>2</sup>	Motif Mode J/cm <sup>2</sup>	Pulse Mode J/cm <sup>3</sup>	Motif Mode J/cm <sup>3</sup>		Pulse Mode Hz	Motif Mode	
Motif Vantage	810 nm	4 - 30	2 - 5	5 - 30	3 - 8	33 x 14 mm	3	10	5°C
Motif LHR	810 nm	Up to 50	2 - 8	Up to 50	5 - 10	15 x 12 mm	2	10	5°C
Motif HR	680 - 980 nm	Up to 45	2 - 6	Up to 25	3 - 8	25 x 12 mm	3	3	5°C
Motif IR	915 nm	Up to 70	2 - 6	Up to 100	5 - 10	8 x 5 mm	1	10	5°C
Motif HR Plus	680-980 nm	Up to 35	2 - 8	Up to 25	3 - 8	35 x 14 mm	3	3	5°C
Platform Weight		40 kg / 88 lbs							
Platform Size (W x D x H)		54 x 52.5 x 140 cm / 21.5 x 22 x 55.2 in.							
Electrical Specifications		100 - 240 VAC							

## 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).

**SYNERON CANDELA®**

[www.syneron-candela.com](http://www.syneron-candela.com)

<sup>1</sup> Enhanced full-face skin rejuvenation using synchronous intense pulsed optical and conducted bipolar radiofrequency energy (elos): Introducing selective radiophotothermolysis, Neil S. Sadick, et.al. Journal of Drugs in Dermatology, 2005 March/April, vol. 4, 2:181-186

<sup>2</sup> Combined infrared light and bipolar radiofrequency for skin tightening in Asians, Yu CS, et al. Lasers Surg Med. 2007 Jul;39(6):471-5.

<sup>3</sup> Objective evaluation of the clinical efficacy of fractional radiofrequency treatment for acne scars and enlarged pores in Asian skin, Kim JE, et al. Dermatol Surg. 2012 Sept; 40(9):988-95.

<sup>4</sup> Hair removal using a combination radio-frequency and intense pulsed light source, Yaghmai D, et al. J Cosmet Laser Ther. 2004 Dec;6(4):201-7.

<sup>5</sup> Evaluation of pulsed light and radiofrequency combined for the treatment of acne vulgaris with histologic analysis of facial skin biopsies, Victor G. Prieto, et al. Journal of Cosmetic and Laser Therapy, 2005; 7: 63-68

<sup>6</sup> Prospective study on combination diode laser and radiofrequency energies (ELOS) for the treatment of leg veins, Chess C. J Cosmet Laser Ther. 2004 Jun;6(2):86-90.