

elōs Plus®

Complete aesthetic  
work station



 **CANDELA™**  
Science. Results. Trust.



# elōs Plus - Solutions for popular treatments

## Wrinkle Treatment

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

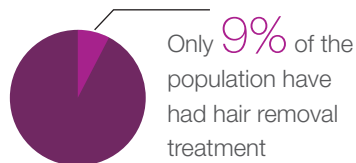
## Resurfacing Treatment

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

## Pigmentation Treatment

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

## Hair Removal Treatment



## elōs Plus: The Complete, Multi-Application Aesthetic Work Station

### Multi-application

Offers a full range of the most in-demand applications

### elōs results

Uniquely combined optical and radiofrequency energies for results across a wide range of skin types.

### elōs smart technology

Treats a wide range of skin types due to the active dermal remodeling on the elōs Plus platform

### Ultimate flexibility

Customizable, to suit individual practice needs



### Partners for Success

Clinic finder on [candelamedical.com](http://candelamedical.com)

Practice building tools

On-site clinical training

Certified technicians

Customer portal access

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

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

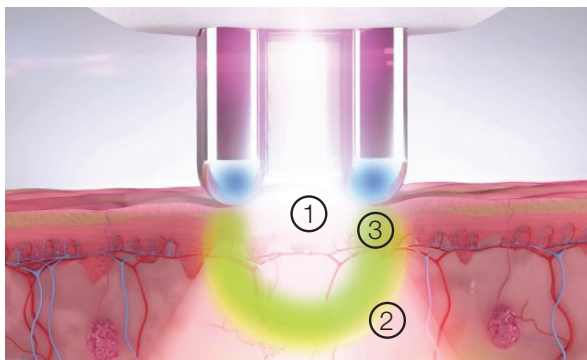
# elōs® Technology: It's brilliant

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

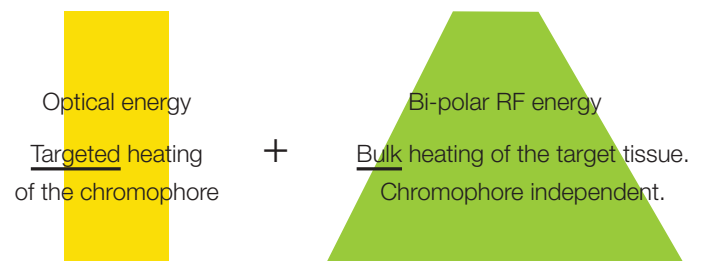
By combining these energies, the optical fluence can be lowered by up to 60% for more comfortable treatments while yielding the desired clinical efficacy.

## How elōs 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



## Benefits of RF and Active Dermal Monitoring



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

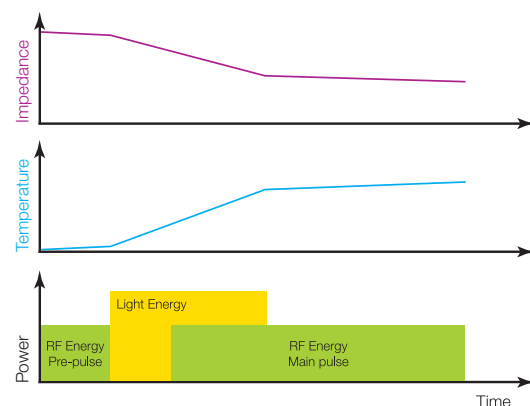
Active Dermal Monitoring allows monitoring of thermal profiles

## 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.







**elōs**  
results

Higher total energy can be delivered to the target, minimizing risk of epidermal damage  
Higher treatment depth due to RF  
Enhanced selectivity and targeting

### NEW trinité Plus - 3 Treatments in 1 Session

- Treats all 3 - skin rejuvenation\*, treatment of wrinkles and skin 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 at 75% and overall patient satisfaction was 92%.<sup>1</sup>



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.

\*Via Vascular and pigmented lesions

Photos have been unretouched and individual results may vary

## Sublative™ for Texture Improvement

- Treatment of acne scars and facial wrinkles
- Fractional radiofrequency initiates a strong wound healing response while minimizing the damage to epidermis

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



Photos: Michael Gold, M.D.

## Motif Hair Removal

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

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

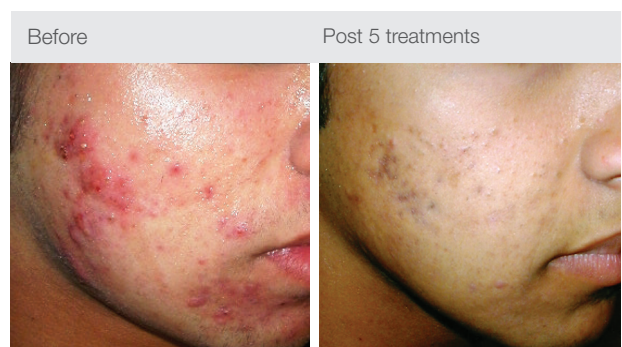


Photos: Ruthie Amir, M.D.

## 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

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



Photos: Tess Mauricio, M.D.



# Create your system for your practice

Choose from multiple applicators



multi  
application

	Name	Spot Size	Benign vascular lesions	Telangiectasia	Rosacea	Pigmented lesions	Lentigines	Freckles	Poikiloderma	Sun spots	Age spots	Acne scars	Skin laxity	Non invasive wrinkle treatment	Ablation & skin resurfacing	Facial wrinkles	Hair removal (elos diode)	Hair removal (elos ipl)	Acne vulgaris
Skin Rejuvenation for Vascular & Pigmented Lesion Treatments	SR	medium	●	●	●	●	●	●	●	●	●								
	SRA	medium	●	●	●	●	●	●	●	●	●								
	SRA Plus	large	●	●	●	●	●	●	●	●	●								
	SRA Mini	small	●	●	●	●	●	●	●	●	●								
Skin Resurfacing and Non-Invasive Wrinkle Treatments	Sublative	small medium													●	●			
	Sublime	medium											●	●					
	Motif IR	small											●						
Hair Removal	Motif Vantage	large															●		
	Motif HR	medium																●	
Acne Treatments	AC	medium										●							●

# The premium multi-application platform

"The versatility of el sPlus has been great for my practice. The combined energies (optical and RF) allow us to provide 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,



**17** in-demand applications

**10** applicators

Rapid ROI due to extensive applications

## Value-Packed Premium Platform

**3 Applicators** connected at once for ease-of-use

**Enhanced Energy Mode**

Visible results in a single treatment

**triniti Plus** combination treatment

**Motif Vantage** for fast diode-laser hair removal

**Plug & Play** software upgrades

## Monitoring Features

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 modulation a reality."

Amy Taub, M.D., Illinois, USA



### System 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	
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 Hz	
Motif Vantage	810 nm	4 - 30	2 - 5	5 - 30	3 - 8	33 x 14 mm	3	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
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							

<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, Yaghamai 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.