

Nordlys™

Innovative solutions for face and body

The Nordlys™ system features 3 foundational technologies for your practice: Ellipse IPL™, Frax 1550, and Nd:YAG 1064.



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



3 foundational technologies for your practice

Ellipse IPL

Unique IPL with narrowband technology defined by dual filters and sub-millisecond pulses for exceptional photorejuvenation and vascular treatments, as well as hair removal^{1,2}

Frax 1550

Non-ablative fractional treatment for skin resurfacing and treatment of acne scars, surgical scars, and striae,¹ with SoftCool™ for comfort during treatment

Nd:YAG 1064

Treat a wide range of vascular lesions with integrated SoftCool for greater comfort during and after treatment²



The Nordlys Advantage

- Extensive treatment options: IPL and lasers¹
- Powerful sub-millisecond IPL pulses^{1,2}
- Quiet and ergonomic operation²
- Guided treatments for a short learning curve
- Patient database for ease of use
- Remote assistance for service support²

Clinically proven results across indications

Photorejuvenation³



Baseline



Post 3 treatments

Photos are unretouched. Patient received 2 treatments with VL 555 and 1 treatment with PR 530. Individual results may vary. Photos courtesy of Guillermo Simón, MD, Spain.

Rosacea⁴



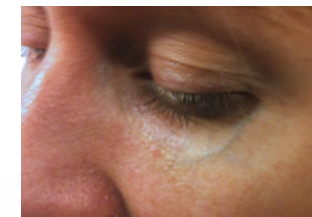
Baseline



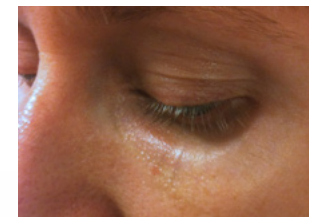
Post 1 treatment

Photos are unretouched. Patient treated with PR 530. Individual results may vary. Photos courtesy of Michael Drosner, MD, Germany.

Vascular Lesion/Reticular Vessel⁵



Baseline



Post treatment

Photos are unretouched. Patient treated with Nd:YAG 1064. Individual results may vary. Photos courtesy of Ellipse A/S.

Telangiectasia³



Baseline



Post 3 treatments

Photos are unretouched. Patient received 2 treatments with VL 555 and 1 treatment with PR 530. Individual results may vary. Photos courtesy of Guillermo Simón, MD, Spain.

Hair Removal⁶



Baseline



Post 4 treatments

Photos are unretouched. Patient treated with HRD 645. Individual results may vary. Photos courtesy of Agneta Troilius Rubin, MD, PhD, Sweden.

Skin Texture⁷



Baseline



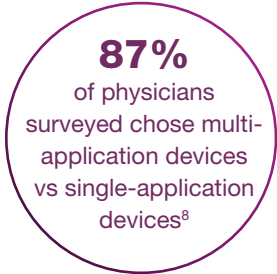
Post 2 treatments

Photos are unretouched. Patient treated with Frax 1550. Individual results may vary. Photos courtesy of E. Victor Ross, MD, USA.



Meet the demand for the most desired treatments

With 21 indications for use,¹ the Nordlys system is configured with pre-set aesthetic and dermatologic treatments that have been developed and designed for over 20 years to meet your needs.



Multipurpose vascular, hair removal, and photorejuvenation platform^{1,2}

CONDITION	ELLIPSE IPL	FRAX 1550	ND:YAG 1064
Photorejuvenation	VL/VLS 555 or PR/PRS 530		
Telangiectasia	VL/VLS 555 or PR/PRS 530		
Rosacea	VL/VLS 555 or PR/PRS 530		
Benign pigmented lesions	PL 400, VL/VLS 555, or PR/PRS 530		
Benign vascular lesions	VL/VLS 555 or PR/PRS 530		■
Poikiloderma of Civatte	VL/VLS 555 or PR/PRS 530		
Port wine stains	VL/VLS 555 or PR/PRS 530		■
Wrinkles	VL/VLS 555 or PR/PRS 530		
Skin textures	VL/VLS 555 or PR/PRS 530		
Venous lakes			■
Leg veins			■
Acne scars, surgical scars, and striae		■	
Skin resurfacing		■	
Hair removal	HR/HRL 600 or HRD 645		
Acne	PR/PRS 530		
Warts			■
Onychomycosis			■

Designed for ultimate ease of use



Flexibility at your fingertips²

The Nordlys system's clinical intelligence is designed to facilitate a quick learning curve. It is available for 3 levels of user: Guided, Expert, and optional Pulse Definition mode,^a enabling users to completely customize treatments as they become more adept.

- Adjustable arm easily moves the screen and tray into the desired position
- Switch settings or accessories without moving a step
- Applicators have flexible cables to reduce the risk of repetitive strain injury
- Accessories tray keeps glasses and gel close at hand

Work quietly in a comfortable environment

- User has a clear view of the treatment area
- Device is very quiet in operation, providing a relaxed environment for patient comfort

Reliability matters²

- 📶 Secure, Wi-Fi-enabled remote assistance
- 🕒 Diagnose and update your device (during or after working hours) for effective service support
- 📋 Patient database allows you to build a patient record and review treatment history



^aThe Pulse Definition mode is priced separately.



Advanced technology as the cornerstone of your practice

With the foundational laser and Ellipse IPL technologies needed for any aesthetic practice, the Nordlys system enables you to meet the increasing demand for aesthetic and dermatologic procedures with a single multipurpose platform.²

Ellipse IPL

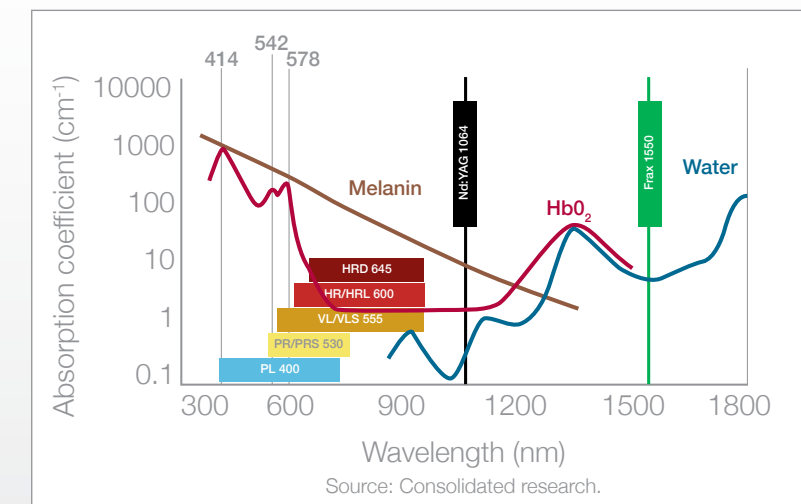


Patented Ellipse IPL uses exclusive selective wavelength technology with dual filters to deliver narrowband IPL to the target tissue,² filtering out any potentially harmful wavelengths

- Uniquely delivers sub-millisecond IPL pulses to treat small vascular lesions and diffuse redness^{1,2}
- 8 applicators, including PR 530 and VL 555 for vascular lesions and photorejuvenation treatments²

Enables truly customizable treatments: user can control²

- Energy delivered
- Pulse duration
- Number of pulses in a train
- Time between sub-pulses
- Narrowband wavelengths used for treatment



Ellipse IPL uses narrower wavelength bands, per condition, which enables treatment of photodamaged skin using less than **half the fluence and no active cooling, and requiring fewer treatments than reported in studies with broadband IPL devices.**⁹

IPL photorejuvenation with Ellipse IPL using relatively shorter wavelengths and pulse widths showed **significant macroscopic and quantitative improvements, especially in the treatment of epidermal pigmentation and improvement of basic skin tone.**¹⁰

Frax 1550



Designed for non-ablative skin resurfacing and treatment of acne scars, scars, and striae¹

- Unique non-ablative fractional technology uses a software algorithm to set the parameters. It enables the user to set the pulse duration and the energy, independently
- SoftCool sends a focused stream of cool air for greater comfort during and after the treatment
- No expensive consumables with the Frax 1550 applicator
- Control the thermal impact
- Deliver the required density

2 important design features help maintain treatment consistency:

- Move the roller too slowly, and it will not fire a new row
- Move the roller too quickly, and a warning light will be displayed

The magnetically coupled roller detaches for easy cleaning.

Nd:YAG 1064



Designed to treat benign vascular lesions such as¹

- Facial diffuse redness
- Leg veins
- Venous lakes
- Port wine stains
- Onychomycosis
- Warts

Patented, integrated SoftCool technology enables treatment without the constriction of underlying vessels, which can occur with contact cooling.

Software-controlled zoom enables easy change in spot sizes from 1.5-5.0 mm for treatment flexibility.

Handpiece has 3 tips:

- Circular² for use when treating telangiectasia, reticular vessels, hemangiomas, and more
- Circular sapphire² for use when light pressure is needed to isolate the vessel
- Semi-circular² for use when treating difficult-to-reach vessels near the eye and onychomycosis treatments



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NORDLYS APPLICATOR SPECIFICATIONS			
ELLIPSE IPL			
Type/Wavelength Band	HRD 645 (645-950 nm) HR/HRL 600 (600-950 nm) VL/VLS 555 (555-950 nm)		PR/PRS 530 (530-750 nm) PL 400 (400-720 nm)
Fluence Range	2-26 J/cm²		
Pulse Time	0.5-99.5 ms (depending on applicator)		
Pulse Delay	1.5-99.55 ms		
Number of Pulses	1-4		
Duration of Pulse Train	0.5-700 ms		
Spot Size	HR 600, HRD 645, VL 555, PR 530, PL 400 10 mm x 48 mm	HRL 600 18 mm x 48 mm	VLS 555, PRS 530 Hexagonal: 90 mm²
	FRAX 1550	ND:YAG 1064	
Laser Wavelength	1550 nm	1064 nm	
Fluence Range/ Energy	5-100 mJ	20-500 J/cm² 6-40 J/cm² (onychomycosis)	
Pulse Duration	1-20 ms	2.5-90 ms 0.3-0.9 ms (onychomycosis)	
Scan Width/ Spot Sizes	4-12 mm	1.5-5.0 mm	
Skin Cooling	SoftCool Integrated Air Cooling		
Aiming Beam	650 nm		
Cable	3.2 m with flexible joint for user comfort		

NORDLYS PRODUCT SPECIFICATIONS	
FEATURES	
Technologies	Ellipse IPL, Frax 1550, Nd:YAG 1064
Connectors	2
Touch Screen	10"
Remote Assistance	Yes
Accessories Tray	Yes
Patient Database	Yes
Guided Treatment	Yes: select treatment, skin type, suntan, hair thickness, vessel size
User Modes	Guided, Expert, and optional Pulse Definition modes

CONSOLE SPECIFICATIONS	
Dimensions (D x W x H)	20" x 25.6" x 45" (51 cm x 65 cm x 115 cm)
Weight	128 lbs (58 kg)
Electrical Input	Version I: 100-120 VAC Version II: 200-240 VAC
Frequency	50/60 Hz
Maximum Power Consumption	Version I: 1300 VA Version II: 2000 VA

CE 0543

Nordlys™

For more information about how the Nordlys system may help achieve your practice goals, contact your local Candela sales professional or visit syneron-candela.com.

1. Ellipse Nordlys CE Mark clearance. 2. Nordlys system instructions for use, 2018. Candela, data on file. 3. Simón G. Before and after photos. Candela, data on file. 4. Drosner M. Before and after photos. Candela, data on file. 5. Ellipse A/S. Before and after photos. Candela, data on file. 6. Rubin AT. Before and after photos. Candela, data on file. 7. Ross EV. Before and after photos. Candela, data on file. 8. Wizer. Global market research, July 2017. Candela, data on file. 9. Bjerring P, Christiansen K, Troilius A, Dierickx C. Facial photo rejuvenation using two different intense pulsed light (IPL) wavelength bands. *Lasers Surg Med.* 2004;34(2):120-126. 10. Negishi K, Kushikata N, Takeuchi K, Tezuka Y, Wakamatsu S. Photorejuvenation by intense pulsed light with objective measurement of skin color in Japanese patients. *Dermatol Surg.* 2006;32(11):1380-1387.