

Nordlys™

Innovative solutions
for face and body



 **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™ technology for comfort during treatment.

Nd:YAG 1064

Treat a wide range of vascular lesions with integrated SoftCool™ technology for greater comfort during and after treatment.²

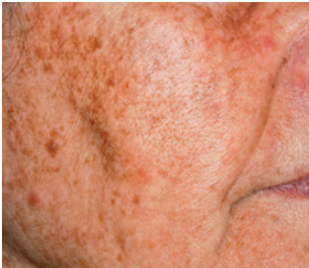


The Nordlys™ Advantage

- 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



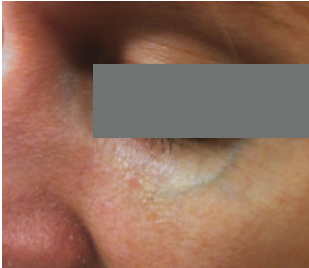
Before After*
Patient received two treatments with VL 555 and one treatment with PR 530. Photos courtesy of Guillermo Simón, M.D., Spain.

Rosacea⁴



Before After*
Patient treated with PR 530. Photos courtesy of Michael Drosner, M.D., Germany.

Vascular Lesion/Reticular Vessel⁵



Before After*
Patient treated with Nd:YAG 1064. Photos courtesy of Ellipse A/S.

Telangiectasia³



Before After*
Patient received two treatments with VL 555 and one treatment with PR 530. Photos courtesy of Guillermo Simón, M.D., Spain.

Hair Removal⁶



Before After*
Patient treated with HRD 645. Photos courtesy of Agneta Troilius Rubin, M.D., PhD, Sweden.

Skin Texture⁷



Before After*
Patient treated with Frax 1550. Photos courtesy of E. Victor Ross, M.D., USA.



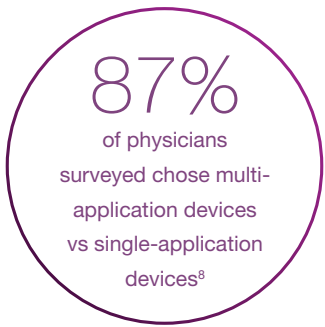
*All photos are unretouched. Individual results may vary.

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 three levels of user: Guided, Expert and optional Pulse Definition mode,^a enabling users to completely customise treatments as they become more adept.

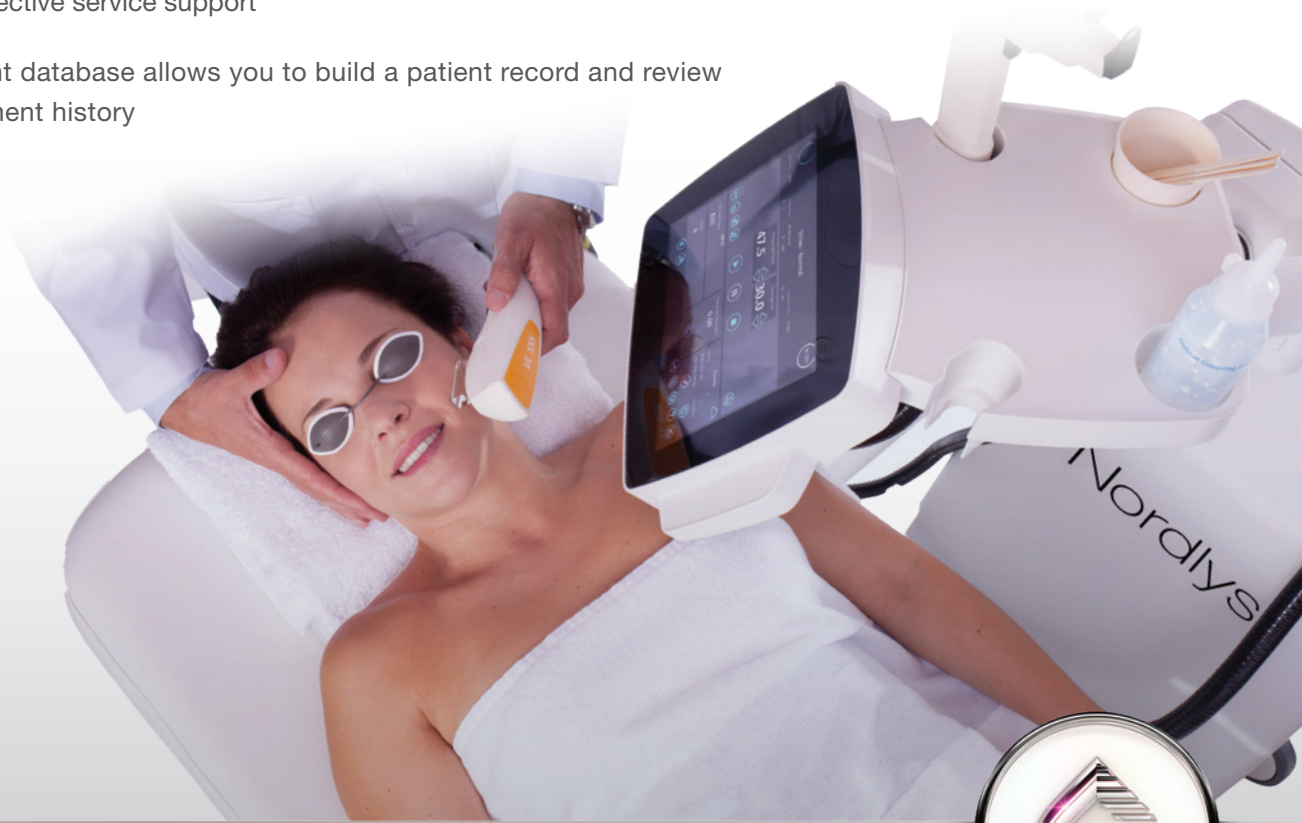
- Adjustable arm easily moves the screen and tray into the desired position
- Switch settings or accessories without moving a step
- Applicators have flexible cables to reduce the risk of repetitive strain injury
- Accessories tray keeps glasses and gel close at hand

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

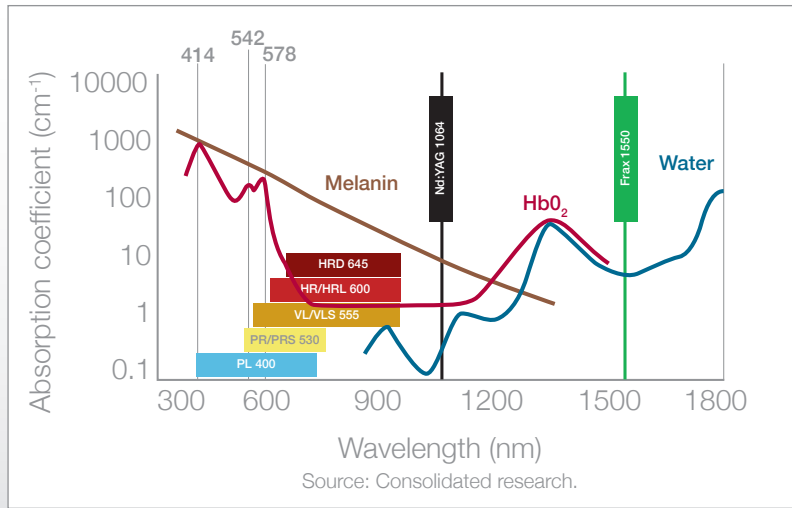


Patented Ellipse IPL™ technologies uses exclusive selective wavelength technology with dual filters to deliver narrowband IPL to the target tissue,² filtering out any potentially harmful wavelengths

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

Enables truly customisable 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™ technologies 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™ technologies 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
- Control the thermal impact
- SoftCool™ technology sends a focused stream of cool air for greater comfort during and after the treatment
- No expensive consumables with the Frax 1550 applicator
- Deliver the required density

Two 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 three tips:

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



Three foundational technologies for your practice

NORDLYS APPLICATOR SPECIFICATIONS			
ELLIPSE IPL			
Type/Wavelength Band	HRD 645 (645-950 nm) PR/PRS 530 (530-750 nm) HR/HRL 600 (600-950 nm) PL 400 (400-720 nm) VL/VLS 555 (555-950 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



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

References. **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, Dierckx 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.