

Nordlys™

Innovative solutions for face and body

The Nordlys™ system features 4 foundational technologies¹ for your practice: Ellipse SWT®, Frax 1550™, Frax 1940™, and Nd:YAG 1064.



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

4 foundational technologies for your practice

Ellipse SWT®

Unique SWT 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 textural improvement via skin resurfacing,¹ with SoftCool™ cooling for comfort during treatment

Frax 1940™

Superficial fractional non-ablative skin resurfacing treatment, with integrated SoftCool™ cooling for comfort during treatment

Nd:YAG 1064

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



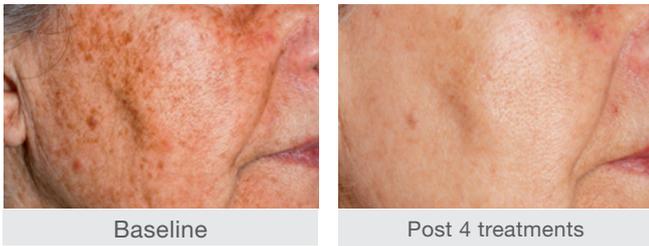
The Nordlys Advantage

- Extensive treatment options: Ellipse SWT and lasers¹
- Powerful sub-millisecond Ellipse SWT 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

^a Improvement of textural irregularities via skin resurfacing.

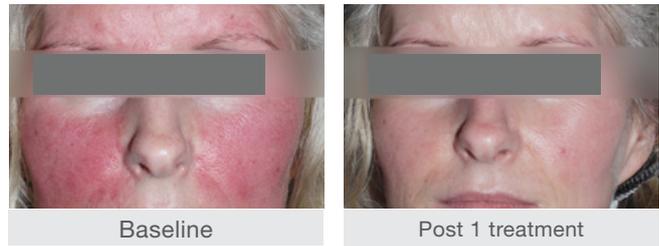
Clinically proven results across indications

Photorejuvenation³



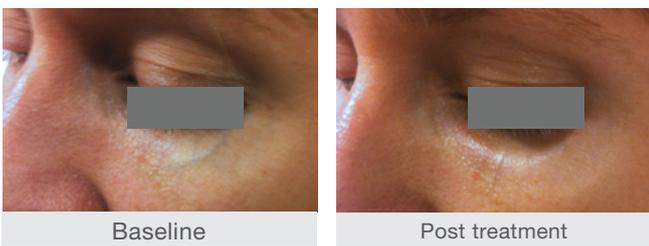
Photos are unretouched. Patient received 2 treatments with VL 555 and 1 treatment with PR 530. Individual results may vary. Photos courtesy of G. Simón, MD, Spain.

Rosacea⁴



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

Vascular Lesion/Reticular Vessel⁵



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

Telangiectasia³



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

Hair Removal⁶



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

Skin Texture^{7,a}



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

Skin Resurfacing



Photos are unretouched. Patient treated with Frax 1940. Individual results may vary. Photos courtesy of K. Schallen, MD, USA.

Skin Resurfacing



Photos are unretouched. Patient treated with Frax 1940. Individual results may vary. Photos courtesy of K. Schallen, MD, USA.



Meet the demand for the most desired treatments

With 22 indications for use,¹ the Nordlys system is configured with pre-set aesthetic and dermatologic treatments that have been developed and improved for over 20 years to meet your needs.

87%
of physicians surveyed chose multi-application devices vs single-application devices⁸

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

CONDITION	PL400	PR 530 PRS 530	VL 555 VLS 555	HR 600 HRL 600 HRD 645	FRAX 1550™	FRAX 1940™	ND:YAG 1064
Sun-Damaged skin, Photorejuvenation		■	■				
Vascular Lesions, Facial Telangiectesias		■	■				■
Rosacea		■	■				
Poikiloderma of Civatte		■	■				
Port Wine Stains		■	■				■
Epidermal Pigmented Lesions	■						
Venous Lakes							■
Leg Vessels							■
Textural Irregularities via Skin Resurfacing					■	■	
Skin Resurfacing or Coagulation of Soft Tissue					■	■	
Acne Scars					■		
Surgical Scars					■		
Striae					■		
Actinic Keratosis						■	
Hair Removal				■			
Inflammatory Acne Vulgaris		■					
Skin Texture		■					
PhotoDynamic Therapy - Acne	■	■					
PhotoDynamic Therapy - Photorejuvenation	■	■					
Benign Cutaneous Warts							■
Periungual, Subungual, and Plantar Warts							■
Onychomycosis							■

Designed for ultimate ease of use



Ergonomically designed applicators for ease of use²

The Nordlys system's clinical intelligence is designed to facilitate a quick learning curve. It is available for 2 levels of user: Guided, Expert mode,² 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



Advanced technology as the cornerstone of your practice

With the foundational laser and Ellipse SWT 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



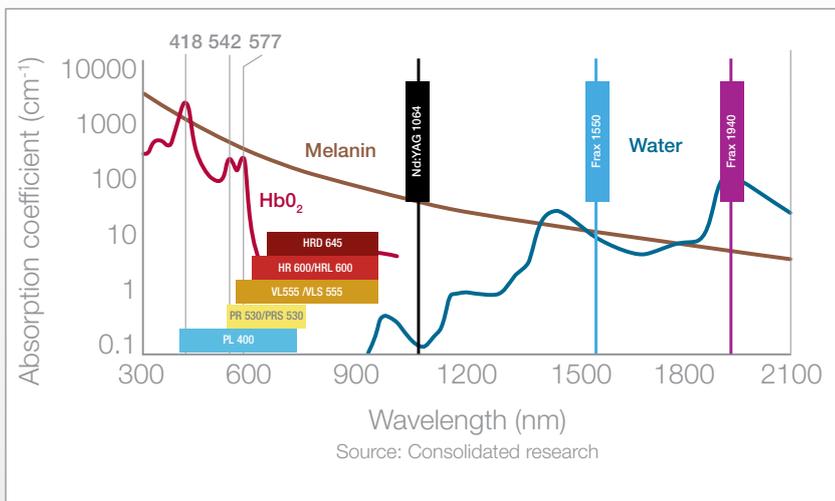
Ellipse SWT

The patented Ellipse SWT handpieces use exclusive selective wavelength technology with dual filters to deliver narrowband SWT to the target tissue,² filtering out any potentially harmful wavelengths

- Uniquely delivers sub-millisecond SWT 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 SWT technology 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

SWT photorejuvenation* with Ellipse SWT 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

*Skin rejuvenation defined as the treatment of pigmented and vascular lesions



Frax 1550™

Designed for deeper non-ablative skin resurfacing and treatment of acne scars, surgical scars and striae ¹

Frax 1940™

Designed for more superficial fractional non-ablative skin resurfacing and treatment of actinic keratosis

- 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
- Controls thermal impact
- Delivers required density to achieve results
- SoftCool™ technology sends a focused stream of cool air for comfort during and after the treatment
- High ROI treatments with easy-to-use consumables

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 an audible and visible warning will be signaled



Nd:YAG

Designed to treat benign vascular lesions such as¹

- Facial telangiectasia
- 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
- Semi-circular² for use when treating difficult-to-reach vessels near the nose and onychomycosis treatments
- Circular sapphire² for use when light pressure is needed to isolate the feeder vessel



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NORDLYS APPLICATOR SPECIFICATIONS			
ELLIPSE SWT®			
Type/Wavelength Band	HRD 645 (645-950 nm) HR 600/HRL 600 (600-950 nm)	VL 555/VLS 555 (555-950 nm) PR 530/PRS 530 (530-750 nm) PL 400 (400-720 nm)	
Fluence Range	2-26 J/cm ²		
Pulse Time	0.5-99.5 ms (depending on applicator)		
Pulse Delay	1.5-600 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 mm ²
FRAX 1550™ FRAX 1940™ Nd:YAG			
Laser Wavelength	1550 nm	1940 nm	1064 nm
Fluence Range/ Energy / MTZ	5-100 mJ	5-20 mJ	20-500 J/cm ² 6-40J/cm ² (Onychomycosis)
Pulse Duration	1-20 ms	1.5 - 20 ms	2.5-90 ms 0.3-0.9ms(Onychomycosis)
Scan Width/ Spot Sizes	4-12 mm	4-12 mm	1.5-5.0 mm
Skin Cooling	SoftCool™ Integrated Air Cooling		
Aiming Beam	650 nm	650 nm	650 nm
Cable	3.2 m with flexible joint for user comfort		1.75 m with flexible joint for user comfort

NORDLYS PRODUCT SPECIFICATIONS	
FEATURES	
Technologies	Ellipse SWT, Frax 1550, Frax 1940, 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 modes ²
CONSOLE SPECIFICATIONS	
Dimensions (D x W x H)	51 cm x 65 cm x 115 cm (20" x 25.6" x 45")
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

Note: Not all applicators are cleared in all countries, ask your local Candela representative.

Nordlys™

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

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1. Ellipse Nordlys CE Mark, January 2020. 2. Nordlys User Manual, 2020. 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 (SWT) 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.



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