

Nordlys™

IT'S
THE
ONE



SWT®: The only way to IPL

Selective Waveband Technology (SWT) delivers precision IPL with unrivaled skin protection

Available on the Nordlys multi-application platform:

24

24 in-demand indications, including pigmentation, vascularity, skin resurfacing, and hair removal¹



A combination of 4 timeless technologies for the most in-demand treatments^{2,3}



SWT® IPL

for skin rejuvenation* and sun-damaged skin, pigmentation, vascularity, acne, and hair removal^{1,2}



Frax 1550™

for deep non-ablative, fractional skin resurfacing, and skin texture, as well as striae, acne and surgical scars^{1,2†}



Frax 1940™

for epidermal non-ablative fractional skin resurfacing and treatment of actinic keratosis*^{1,2}



Nd:YAG 1064 nm

with automatic spot sizing for treatment of benign vascular lesions, onychomycosis, and warts^{1,2}

*Actinic keratosis Fitzpatrick Skin Type I-III

What is SWT®?

SWT is proprietary technology on Nordlys™ system IPL applicators that protects skin from unnecessary light and heat.^{1,2,4} It includes light and water filters, as well as customized pulse technology.²

SWT requires
50%
less fluence than
broadband IPL^{2,4}

Improves treatment comfort, keeps downtime low, and enables use of multiple technologies in a single session – all without compromising results^{2,4-6}



The elements of SWT

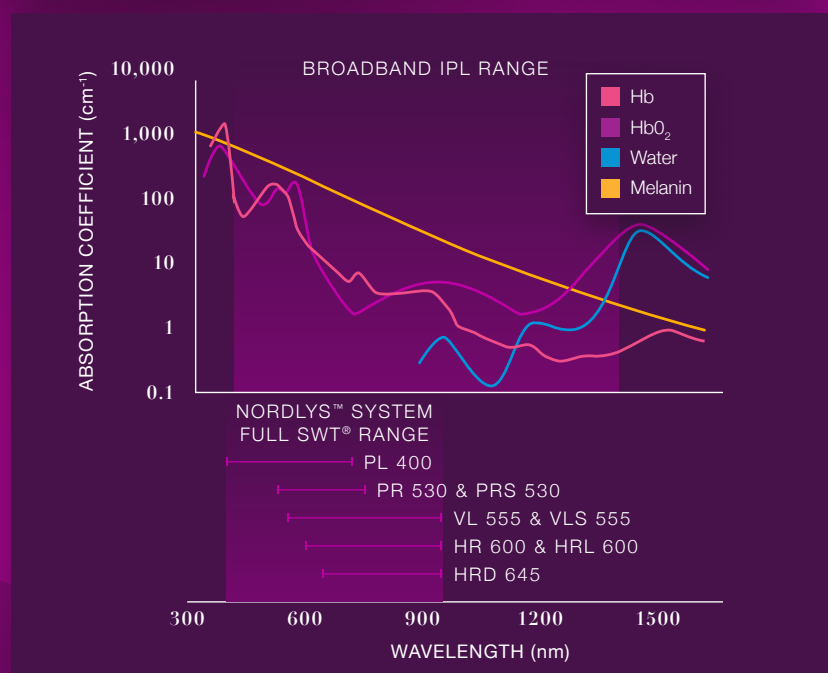
Dual Light Filters

- SWT applicators filter light at both ends of the spectrum to create highly selective wavebands of light.²
- SWT targets the chromophores and removes potentially harmful wavelengths above 950 nm.^{2,4}
- SWT focuses light around the peak of absorption curves for melanin, hemoglobin, and oxyhemoglobin targets.^{2,4,5}
- Unlike other systems, no manually changeable filters are required.^{2,4}

*Handpiece Footprints (Spot Sizes)

HR 600	
HRD 645	
VL 555	10 mm x 48 mm
PR 530	
PL 400	
HRL 600	18 mm x 48 mm
VLS 555	
PRS 530	Hexagonal: 90 mm ²

Nordlys™ SWT® IPL Handpieces*	Narrowband Wavelength Range
PL 400	400-720 nm
PR 530 & PRS 530	530-750 nm
VL 555 & VLS 555	555-950 nm
HR 600 & HRL 600	600-950 nm
HRD 645	645-950 nm

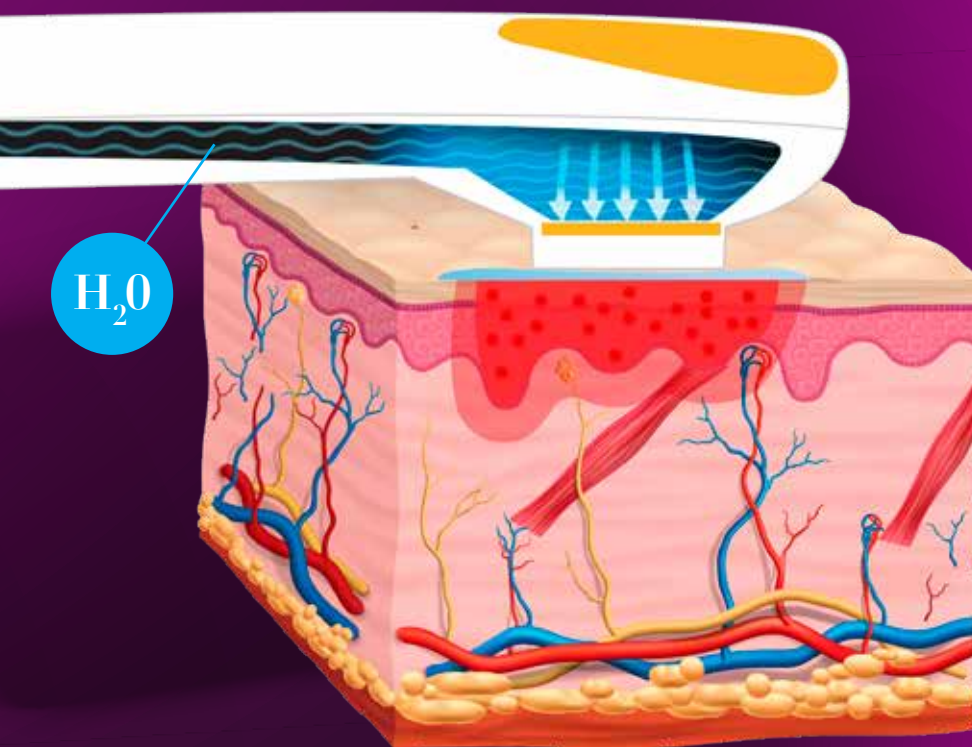


The elements of SWT®

(Continued)

Water Filter

- Each SWT® IPL applicator incorporates water that flows through the applicator for added skin protection. With light wavelengths filtered through water before reaching the skin, they are less likely to target water within the skin, reducing skin heat production and minimizing risks of burns, hypopigmentation, hyperpigmentation, and scarring.^{2,4}
- No requirement for an external skin cooler.^{2,4}



Customized Pulse Technology

- Customized pulses allow control of pulse time, delay, number, and sequence. This increases operator efficiency, protects the epidermis, enhances treatment outcomes and improves patient comfort.^{2,4}
 - Unique sub-millisecond pulse technology (0.5ms-99.5ms range)^{2,4}
 - Sub-millisecond pulses require less energy to target chromophores compared to longer pulses^{2,4}
 - Unlike traditional IPL systems, SWT achieves purpura-free coagulation of smaller vessels, optimal for clearing rosacea-associated diffuse redness.⁷

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

† Improvement of textural irregularities via skin resurfacing.

REFERENCES: 1. Frax 1940 for Nordlys & Frax Pro Systems CE mark. 2. Nordlys User Manual, 2021. 3. The Aesthetic Society. Aesthetic Plastic Surgery National Databank Statistics 2019. Available from https://www.surgery.org/sites/default/files/Aesthetic-Society_Stats2019Book_FINAL.pdf. Accessed Jan 25, 2022. 4. Data on file, Candela, 2022. 5. Bjerring P, et al. Facial photo rejuvenation using two different intense pulsed light (IPL) wavelength bands. *Lasers Surg Med.* 2004;34(2):120-126. 6. Schallen KP, Murphy M. Treatment of photodamaged skin with a combined dual-filter intense pulsed light and fractional 1550-nm laser system. *Lasers Surg Med Suppl.* 2020;52(S32). 7. Tirico MCCP, Jensen D, Green C, Ross EV. Short pulse intense pulsed light versus pulsed dye laser for the treatment of facial redness. *J Cosmet Laser Ther.* 2020;22:60-64.

Nordlys™

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



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