

Frax Pro™

Explore the smart way
to Frax.

Science. Results. Trust.



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



Frax Pro™



Dear reader,

On behalf of Candela, we would like to say thank you for your interest in our Frax Pro™ system. This CE-marked, non-ablative fractional device is the first platform featuring dual-depth skin resurfacing with both Frax 1550™ and the novel Frax 1940™ applicators.¹

In this eBook, we provide you with the most important information regarding this device, from technology overview to some of the results clinical experts worldwide have achieved with their patients. Users should refer to the specific device user manual for complete device information including indications for use and relevant safety information.

Know that when you decide to work with one or more of our devices, we'll do everything we can to provide you with the highest level of customer service possible.

That's our promise to you.

The Candela Marketing Team

Explore the smart way to Frax

Candela redefined skin resurfacing with the launch of the new Frax Pro™ advanced diode laser system, offering an optimised approach to skin resurfacing, treatment of acne scars, surgical scars, striae and actinic keratosis.¹

Frax Pro is a CE-marked non-ablative fractional device featuring dual-depth skin resurfacing with both Frax 1550™ and the novel Frax 1940™ applicators. The two modalities target different skin layers, stimulating growth of new collagen, revealing smoother, more brilliant skin. Clinical studies demonstrate high rates of textural improvement and patient satisfaction with the Frax 1550 and Frax 1940 handpieces.

Smart features^{1,2}:

- Highly targeted wavelengths for dual-depth skin resurfacing and treatment of acne scars, surgical scars, striae and 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 to control the thermal impact.
- SoftCool™ sends a focused stream of cool air for greater comfort during and after the treatment.
- Ergonomic handpiece for operator comfort and treatment visibility.
- New treatment guide helps position the handpiece optimally for desired treatment outcomes.
- High ROI treatments mean practice savings.

Also available on the Nordlys™ platform!

The Frax 1550 and Frax 1940 technologies are also available on, and interchangeable with, the Nordlys™ platform. This addition makes the Nordlys system the first in its class to provide dual fractional 1550 nm and 1940 nm wavelengths, as well as IPL and Nd:YAG capabilities.

1. Frax Pro CE Mark, January 2018; 2. Frax Pro User Manual, Candela, 2020

What can you treat?

The Frax Pro™ system delivers fractional non-ablative 1550 nm and 1940 nm laser for:



- ✓ Skin resurfacing
- ✓ Acne scars
- ✓ Surgical scars
- ✓ Striae
- ✓ Actinic keratosis*

A revolution in the aesthetic space

Frax Pro is the first platform featuring dual-depth skin resurfacing with both Frax 1550™ and the novel Frax 1940™ applicators. The Frax 1940 handpiece delivers a 1940 nm wavelength laser beam for a shallow, epidermal approach, with focal reach extending to approximately 200 µm in depth. The 1550 nm wavelength of the Frax 1550 handpiece penetrates deeper, with histological analysis showing up to 800 µm penetration. Clinical studies demonstrate high rates of textural improvement and patient satisfaction with the Frax 1550 and Frax 1940 handpieces.

* for Fitzpatrick Skin Type I-III only

Mechanism of action

Technical

- Diode laser allows flexible umbilical cord for ergonomic and lightweight reach, increasing operator comfort and increased treatment visibility relative to the thulium 1927 nm system.
- Sophisticated software with treatment data retrieval, remote wifi service capability, and independently adjustable settings for optimal treatment control. protection decrease discomfort.

Clinical

- Dual wavelengths for shallow (Frax 1940) and deep resurfacing (Frax 1550).
- Multiple beam widths for greater treatment customisation.
- SoftCool™ for enhanced patient comfort.
- Integrated intelligence for quick learning.
- Intelligent roller technology maintains treatment consistency.

Economic

- Replaceable rollers for sanitary procedures at low cost to your practice.
- Low cost replaceable treatment guides.
- Shareable with Nordlys platform.

1. Data on file, Candela, 2020.
2. Frax Pro User Manual, Candela 2020.
3. Frax Pro 1550, March 2016
4. Frax Pro 1940, October 2019
5. Frax Pro CE Mark, January 2018

Dual skin resurfacing: Frax1550™ and Frax1940™

Epidermal treatment versus deeper dermis stimulation

Biopsy proven results

The Frax 1940 laser targets the epidermis, by forcing the necrosis of the top layer, while the Frax 1550 causes thermal coagulation deeper in the dermis and stimulates production of collagen.^{1,2} The Frax 1940 laser helps the treatment of superficial irregularities and with providing smooth skin texture.^{2,3}

1. Tidwell WJ. Journal of Cosmetic and Laser Therapy. 2018;20(6):360-363.

2. Nordlys User Manual, 2020. Candela, data on file.

3. Via skin resurfacing treatment

Frax1550

Frax1940



Practitioner Advantages

Key reasons to introduce the Frax Pro™ system into your practice:

- ✓ Provides an in-demand skin resurfacing treatment with low downtime.
- ✓ It includes patented SoftCool™ air cooling for patient comfort.
- ✓ Scalable — designed for next-generation laser technology advancements.
- ✓ Guided mode with user pre-sets for easy learning.
- ✓ Touch screen technology for selecting treatments and parameters.
- ✓ Patient database allows you to build a patient record and review treatment history.
- ✓ Treat up to skin type V.
- ✓ Quiet and ergonomic operation.
- ✓ Remote assistance for enhanced serviceability.
- ✓ Device is very quiet in operation, providing a relaxed environment for patient comfort.



Ultimate ease of use:

- ✓ The Frax Pro system's clinical intelligence is designed to facilitate a quick learning curve.
- ✓ The applicator has a flexible cable to reduce the risk of repetitive strain injury.
- ✓ 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.
- ✓ Accessories niche to keep safety glasses close at hand.
- ✓ Adjust settings without moving a step.

Frax 1550 | Skin Texture



Photos courtesy of Ross EV, M.D.



Photos courtesy of Konika Patel Schallen, M.D.

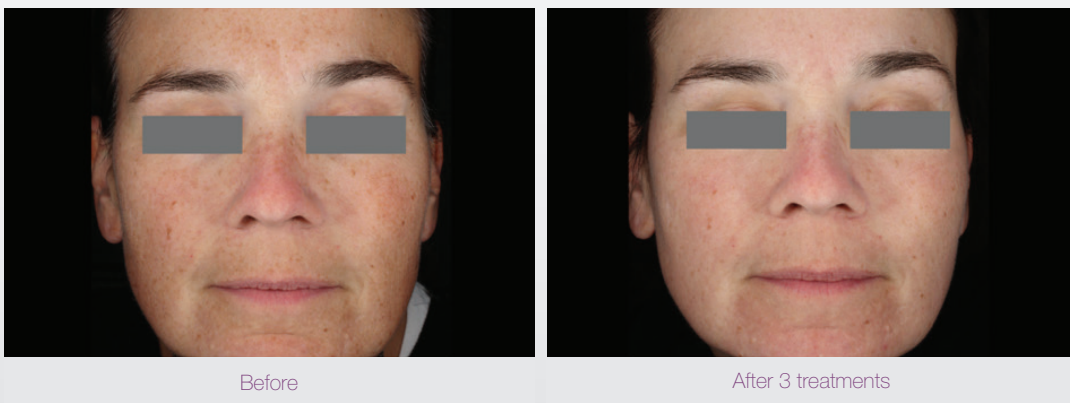
Frax 1940 | Skin Texture



Photos courtesy of Konika Patel Schallen, M.D.



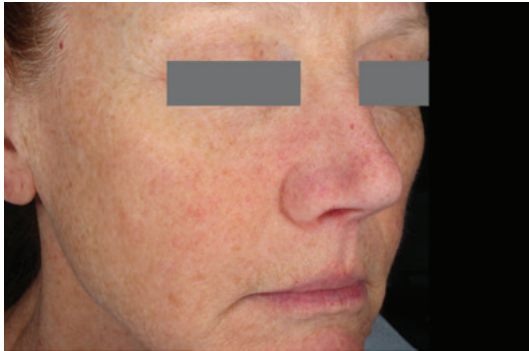
Photos courtesy of Konika Patel Schallen, MD



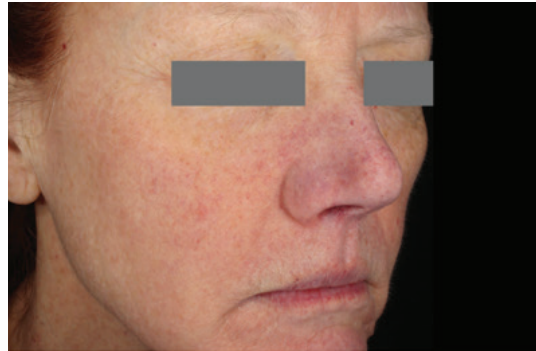
Photos courtesy of Konika Patel Schallen, M.D.

Photos are unretouched. Individual results may vary.

Frax 1940 | Skin Texture



Before



After 3 treatments

Photos courtesy of Konika Patel Schallen, M.D.



Before



After 3 treatments

Photos courtesy of Konika Patel Schallen, M.D.



Before



After 3 treatments

Photos courtesy of Konika Patel Schallen, M.D.

Photos are unretouched. Individual results may vary.

Frax 1940 | Skin Texture



Photos courtesy of Konika Patel Schallen, MD.



Photos courtesy of Konika Patel Schallen, MD.

Don't take our word. Take it from our customers.

With use of both applicators achieving dual depth resurfacing, we saw a complementary effect. Additionally, patients treated in our clinic were extremely pleased with new Frax 1940 treatment results. The outcomes clearly demonstrated intended results of skin resurfacing with improvement in both textural irregularities and skin tone.

Jill Waibel, MD, Dermatologist,
Miami Dermatology and Laser Institute, USA



Summary of peer-reviewed articles



Clinical evaluation and in vivo analysis of the performance of a fractional infrared 1550 nm laser system for skin rejuvenation.

PubMed Reference: Tidwell WJ, et al. J Cosmet Laser Ther. 2018 Aug 24:1-4.

STUDY DETAILS

- 5 female subjects between the ages of 44 and 71 years, with visible wrinkles and/or dyspigmentation
- 2 full-face treatments were performed at a 4-week interval: 40-60 mJ/microbeam, 3 passes, 20% total surface coverage
- Follow-up visits at 1 and 3 months post treatment
- Assessment of improvement were performed by the investigators and 2 blinded evaluators, using a 6-point global improvement scale (-1=worse, 0=no change, 1=slightly improved, 2=improved, 3=much improved and 4=very much improved).

STUDY RESULTS

- All subjects demonstrated improvement in all monitored parameters
- Mean improvement scores were: wrinkles 1.6, skin texture 1.8, and pigmentation 1.7 (all statistically significant)
- Treatments were well tolerated (mean pain score of 4.2 on a 0=no pain to 10=worst possible pain scale) & very little downtime noted by patients
- No serious side effects or adverse events
- Biopsy was performed on 1 patient immediately post-treatment and showed 800 μ penetration depth at a treatment level of 88 mJ and 400 μ at 44 mJ.

Summary of peer-reviewed articles



Clinical study of Frax 1940 in photodamaged skin.

Candela Institute of Excellence (CIE), Marlborough, MA. Data on File, Candela 2020

STUDY DETAILS

- 2-3 skin resurfacing treatments with Frax 1940 handpiece to photoaged skin on the face, body or chest.

STUDY RESULTS

- 100% of subjects reported satisfaction with their treatment outcome with 50% (10/20) of assessments reported as "Very satisfied"
- Majority of assessments (90%, 18/20) indicated improvement with 65% (13/20) of the GAIS assessments showing marked improvement to optimal cosmetic result ("Very much improved")
- Visible reduction in pigmentation associated with photoaged skin was observed at the 1-month follow-up but varied by severity at baseline and treatment location.



Photos courtesy of Konika Patel Schallen, M.D.

Photos are unretouched. Individual results may vary.

FRAX PRO PRODUCT SPECIFICATIONS		
HANDPIECE	FRAX 1550	FRAX 1940
Laser Wavelength	1550 nm	1940 nm
Energy Range/MTZ	5-100 mJ	5-20 mJ
Pulse Duration	1-20 ms	1.5-20 ms
Scan Width	4-12 mm	4-12 mm
Skin Cooling	SoftCool™ Integrated Air Cooling	
Aiming Beam	650 nm	
Cable	3.2 m with flexible joint for user comfort	

CONSOLE SPECIFICATIONS	
Dimensions (D x W x H)	17" x 16.5" x 42" (43 cm x 42 cm x 107 cm)
Shipping Weight	53 lbs (24 kg)
Electrical Input	100-240 VAC
Frequency	50/60 Hz

FEATURES		
• 1 connector	• Touch screen 10"	• Remote assistance
• Accessories niche	• Patient database	• Guided treatment





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