

# PicoWay®

## Remove boldly. Treat lightly.

A versatile, true picosecond platform for transforming skin.<sup>1-3</sup>

Acne scars, wrinkles, benign pigmented lesions and tattoo removal<sup>1</sup>



 **CANDELA®**  
Science. Results. Trust.



# Transforms Skin from the Inside Out<sup>1-3</sup>

Ultra-short picosecond pulse durations create a rapid photoacoustic effect within the skin, while gently impacting outer skin layers<sup>1-3</sup>

- Specially designed laser applicators target melanin (pigment), ink (tattoos), or create vacuoles where new collagen and elastin are formed (acne scars and wrinkles)<sup>1,4</sup>
- The outermost layer of the skin (stratum corneum) is left intact<sup>1</sup>
- The result is a minimal downtime treatment ( $1.5 \pm 1.1$  days) with low thermal impact, ideal for a range of skin types including darker skin<sup>1-3</sup>

## Proven Results Across Millions of Treatments

- Used in **57** countries across the world<sup>3</sup>
- The laser of choice for the world's largest specialized provider of tattoo removal and fading services, Removery<sup>3</sup>
- High rates of improvement in treated areas across clinical studies

**94%** in acne scars<sup>1</sup>

**92%** in wrinkles<sup>1</sup>

**96%** in benign pigmented lesions<sup>1</sup>

**86%** in tattoo removal<sup>1</sup>

- High rates of patient and provider satisfaction<sup>1,3</sup>



PicoWay®



# The go-to laser for darker skin types

PicoWay laser reduces thermal impact, minimizing risk of hypopigmentation and scarring<sup>2,3,4</sup>



## PHOTOTHERMAL

1960's

**LONG PULSE LASERS**  
MILLISECOND DOMAIN  
(E.G., CO<sub>2</sub> LASERS)

Risk of scarring,  
thermal damage<sup>4</sup>

1990's

**Q-SWITCHED LASERS**  
NANOSECOND DOMAIN

Reduced collateral damage,  
but still had risk of hypopig-  
mentation, hyperpigmentation  
and scarring<sup>4</sup>

## PHOTOACOUSTIC

TODAY




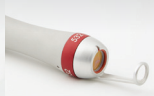

**PICOSECOND LASERS**  
PICOSECOND DOMAIN

Minimal risk of  
hyperpigmentation  
and scarring<sup>4</sup>



# Versatility you Need

The only picosecond system with 4 true picosecond wavelengths and multiple beam delivery technologies to give you the flexibility and impact you need across treatments.<sup>1,3</sup>

					
Technology	Full Beam	Full Beam Ti: Sapphire Crystal	Micro Beam	Micro Beam with Diffuse Ring	
Applicator Name(s)	<b>Zoom</b>	<b>730 nm and 785 nm</b>	<b>Resolve</b>	<b>Resolve Fusion*</b>	
Spot Size/ Treatment Impact	2-10 mm	2-4 mm	6x6 mm	6x6 mm	
Wavelengths	532/1064 nm (Single handpiece)	730 nm, 785 nm	532 nm, 532 nm HE and 1064 nm	532 nm	
Indication(s) & Fitzpatrick Skin Types <sup>1</sup>	<b>532 nm</b> <ul style="list-style-type: none"> <li>Red, yellow, and orange tattoo removal (I-III)</li> <li>Benign pigmented lesions (I-IV)</li> </ul> <b>1064 nm</b> <ul style="list-style-type: none"> <li>Black, brown, green, blue, and purple tattoo removal (I-VI)</li> <li>Benign pigmented lesions (I-IV)</li> </ul>	<b>730 nm</b> <ul style="list-style-type: none"> <li>Blue and green tattoo removal (II-IV)</li> <li>Benign pigmented lesions (I-IV)</li> </ul> <b>785 nm</b> <ul style="list-style-type: none"> <li>Blue and green tattoo removal (II-IV)</li> <li>Benign pigmented lesions (I-IV)</li> </ul>	<b>532 nm, 532 nm HE</b> <ul style="list-style-type: none"> <li>Benign pigmented lesions (I-IV)</li> <li>Wrinkles (I-IV)</li> </ul> <b>1064 nm</b> <ul style="list-style-type: none"> <li>Benign pigmented lesions (I-IV)</li> <li>Wrinkles (I-IV)</li> <li>Acne scars (II-V)</li> </ul>	<b>532 nm</b> <ul style="list-style-type: none"> <li>Benign pigmented lesions (I-IV)</li> </ul>	

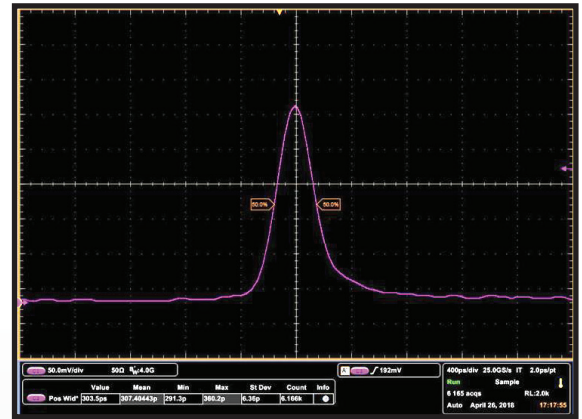
Applicator & Wavelength <sup>1</sup>	Benign Pigmented Lesions	Acne Scars	Wrinkles	Tattoo Removal
Zoom 532	●			●
Zoom 1064	●			●
730 nm	●			●
785 nm	●			●
Resolve 532 nm / Resolve HE 532 nm	●		●	
Resolve 1064 nm	●	●	●	
Resolve Fusion 532 nm	●			

PicoWay®

# Consistency you can Trust

## Consistent Pulse Delivery

- In comparative picosecond device testing, the PicoWay laser delivered a consistent single pulse in the true picosecond range, time after time<sup>3</sup>
- Competitor systems delivered multiple pulse peaks and some were actually in the nanosecond, not picosecond, range<sup>3</sup>



The PicoWay system 532 nm pulse measurement demonstrates a single-peak, picosecond pulse.<sup>3</sup>

## Candela-Engineered to Perform without Compromise

### Optimized Balance of High Peak Power and Ultra-Short Pulse Durations<sup>1-3</sup>

- Optimized power requirements for ultra-short pulse durations, from 240-500 ps depending on handpiece<sup>1-3</sup>

### Energy Accuracy and Stability

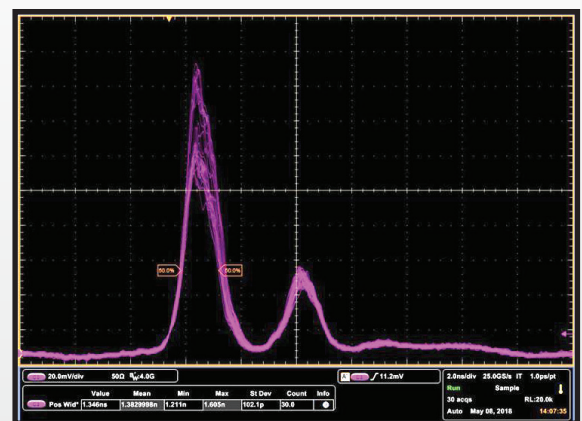
- Accurate energy and pulse duration for consistent pulses<sup>3</sup>
- Stable optical synchronization for a reliable laser<sup>3</sup>

### Treatment Flexibility

- Flexible treatment parameters for control of wavelength, fluence, repetition rate, and spot size for highly customizable treatments<sup>1-3</sup>
- Multiple energies per spot size<sup>2-3</sup>
- No compromise of spot size for fluence<sup>2-3</sup>

### Practice & System Efficiency

- Fast warm up time<sup>3</sup>
- No frequent costly flashlamp replacement<sup>3</sup>
- Uses only 10% of available pump energy<sup>3</sup>
- Minimal consumables<sup>3</sup>
- The system grows with your practice – select the handpieces you need (Each system comes standard with one Zoom 532/1064 nm applicator)<sup>1-3</sup>



Competitor's 532 nm pulse measurement delivers an inconsistent pulse with two peaks, resulting in a nanosecond pulse.<sup>3</sup>





# Remove boldly. Treat lightly.

## Acne Scars



Before After 3 treatments

Courtesy of A. Kauvar, MD, USA  
All photos are unretouched. Individual results may vary.



Before After 4 treatments

Courtesy of L. Summer, MD, USA  
All photos are unretouched. Individual results may vary.

## Benign Pigmented Lesions



Before After 4 Treatments

Courtesy of Candela Institute for Excellence  
All photos are unretouched. Individual results may vary.



Before After 1 treatment

Courtesy of B. DeCola, Canada  
All photos are unretouched. Individual results may vary.



Before After 2 treatments

Courtesy of D. Friedman, MD, Israel  
All photos are unretouched. Individual results may vary.



Before After 1 treatment

Courtesy of D. Friedman, MD, Israel  
All photos are unretouched. Individual results may vary.



Before After 4 treatments

Courtesy of Candela Institute for Excellence  
All photos are unretouched. Individual results may vary.



Before After 1 treatment

Courtesy of D. Wu, MD, PhD, USA/Canada  
All photos are unretouched. Individual results may vary.

PicoWay®



Zoom 532 nm, Zoom and Resolve 1064 nm



Before After 4 treatments

Courtesy of C. Kuo-Lang, MD, Taiwan  
All photos are unretouched. Individual results may vary.

Resolve 532 nm



Before 8 Months After 4 PicoWay Resolve 1064 nm Treatments

Courtesy of E. Bernstein, MD, USA  
All photos are unretouched. Individual results may vary.

Zoom 1064 nm



Before After 2 treatments

Courtesy of D. Friedman, MD, Israel  
All photos are unretouched. Individual results may vary.

Zoom 1064 nm



Before After 7 treatments

Courtesy of D. Wu, MD, PhD, USA/Canada  
All photos are unretouched. Individual results may vary.

## Wrinkles

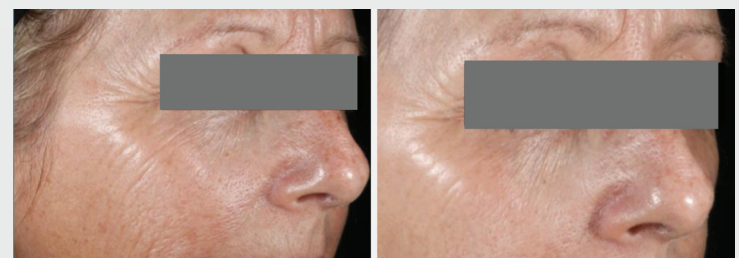
Resolve 532 nm and Resolve 1064 nm



Before After 2 treatments

Courtesy of D. Friedman, MD, Israel  
All photos are unretouched. Individual results may vary. PicoWay 510(k) clearance (K191685), Sept. 2019.

Resolve 1064 nm



Before After 5 treatments

Courtesy of K. Schallen, MD, Candela Institute for Excellence, USA  
All photos are unretouched. Individual results may vary.

## Tattoo

730 nm



Before After 4 treatments

Courtesy of Candela Institute for Excellence  
All photos are unretouched. Individual results may vary.

Zoom 532, 785 nm and Zoom 1064 nm



Before After 3 treatments

Courtesy of F. Victor Rueckl, MD, USA  
All photos are unretouched. Individual results may vary.

# PicoWay®

Remove boldly.  
Treat lightly.

SPECIFICATIONS	ZOOM		TITANIUM SAPPHIRE <sup>2,3</sup>
LASER TYPE	Nd:YAG 1064 nm	FREQUENCY DOUBLED Nd:YAG	TITANIUM SAPPHIRE
Wavelengths	1064 nm	532 nm	730 nm & 785 nm
Maximum Energy	400 mJ	200 mJ	100 mJ
Pulse Duration	450 ps	375 ps	250 ps (730) 300 ps (785)
Peak Power	0.89 Gigawatts	0.53 Gigawatts	0.4 GW (730) 0.3 GW (785)
Spot Sizes	2, 3, 4, 5, 6, 7, 8, 9, 10 mm		2, 3, 4 mm
Repetition Rate	Single, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Hz		
Delivery System	Articulated arm with 2 wavelengths Zoom handpiece		2 dedicated handpieces
Warm Up Time	2 minutes		
User Interface	Touchscreen with GUI		
Size	42" H x 18" W x 27" D 107 cm H x 46 cm W x 69 cm D		
Weight	275 lbs. / 125 kg.		
Power Requirements	200-240 VAC, 50/60 Hz, 30 A, 4600 VA single		

SPECIFICATIONS	RESOLVE		RESOLVE FUSION™
LASER TYPE	Nd:YAG 1064 nm	FREQUENCY DOUBLED Nd:YAG	FREQUENCY DOUBLED Nd:YAG
Wavelengths	1064 nm	532 nm	532 nm
Max Energy / Central Beam	2.9 mJ	1.5 mJ	0.7 mJ
Max Fluence / Diffuse Ring			0.35 J/cm²
Pulse Duration	450 ps	375 ps	375 ps
Spot Size	6 mm X 6 mm		
Matrix	10 X 10 Microbeam array		
Repetition Rate	Single 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Hz		
Delivery System	Articulated arm with Resolve & Resolve Fusion handpieces		

**For more information** about how the PicoWay system may help achieve your practice goals, contact your local Candela sales professional or visit [candelamedical.com](https://candelamedical.com).



1. PicoWay Laser CE mark. 2. PicoWay User Manual, 2022. 3. Candela Data on File, 2023. 4. Schomacker K, Bhawalkar JD. PicoWay Clinical Bulletin. 2016. Data on file. 5. Aase JM. Diagnostic Dysmorphology. London, New York: Plenum Medical Book Company; 1990. 6. Adatto MA, et al. Curr Probl Dermatol. 2017;52:113-123. 7. Wang CC, et al. J Am Acad Dermatol. 2006;54(5):804-810

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