



PicoWay®

Clinical Results

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

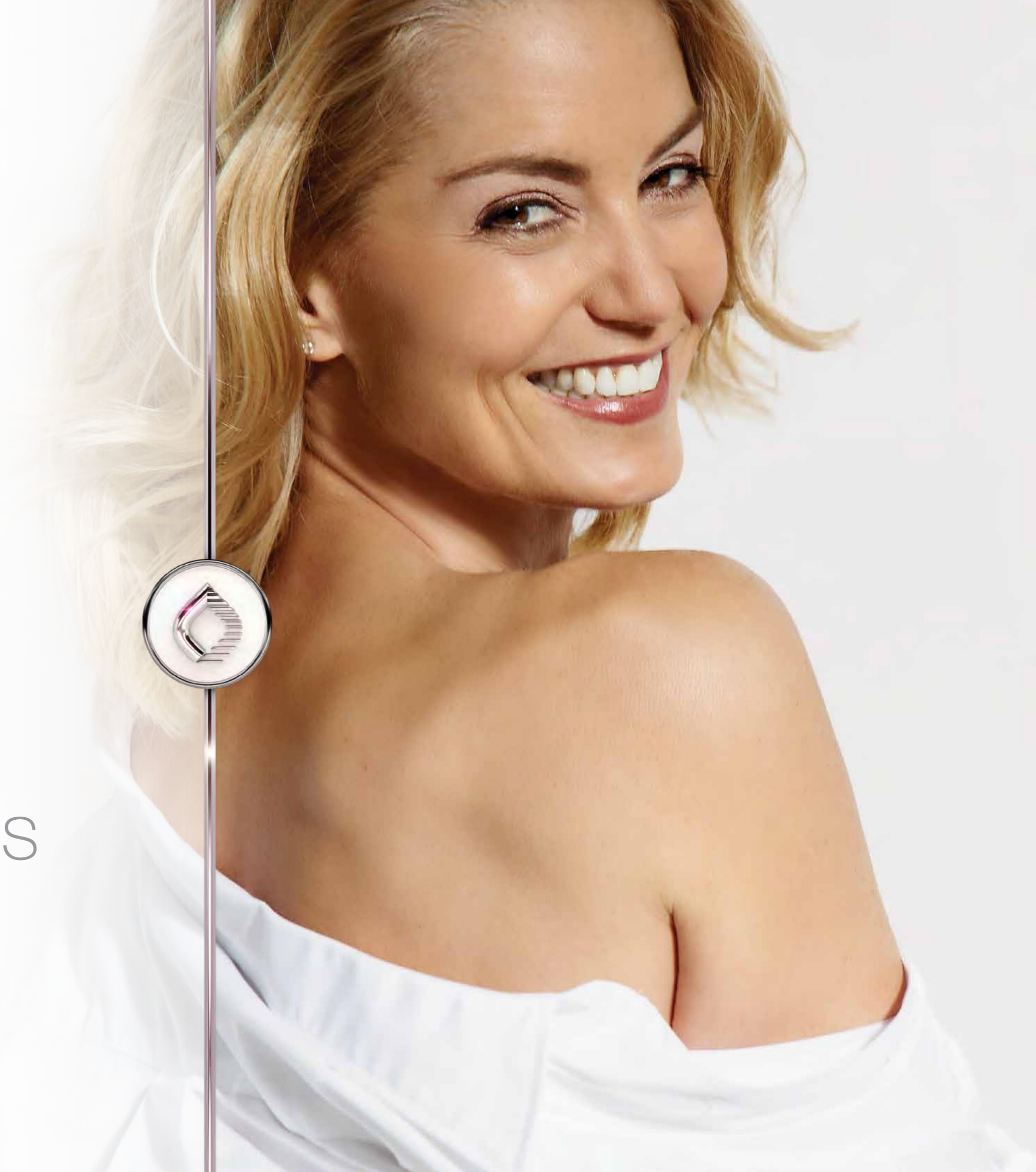


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How PicoWay treatments work

Laser light is targeted at unwanted pigment in ultrashort picosecond pulses. These pulses shatter the pigment into very tiny particles which are then easily eliminated by the body's natural processes. The PicoWay laser emits less heat energy than traditional lasers providing a safer, more comfortable treatment with fewer side effects.

PicoWay - the complete solution for tattoo removal, pigmentation, skin irregularities and signs of ageing.

PicoWay®

Fewer treatments

Better clearance

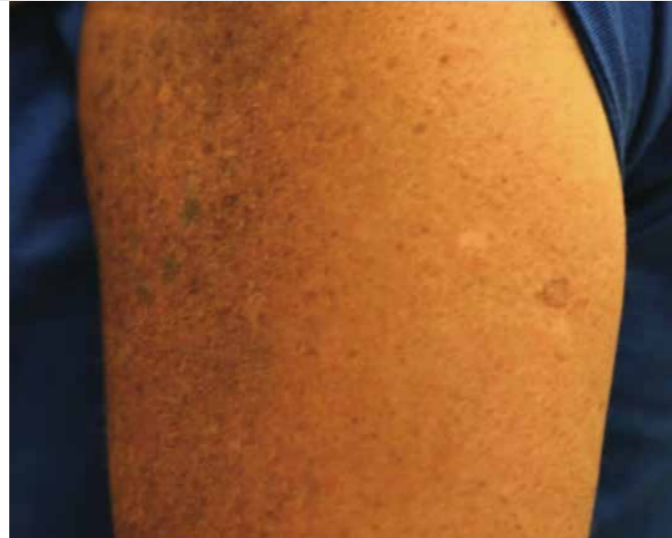
Less discomfort



Tattoo removal

With 532nm

Tattoo, 532nm



Baseline
Treatment parameters: 4mm, 1.7J/cm², 2 Hz, 1 pass

Post 5 treatments
Photos courtesy of Arielle Kauvar, M.D.

Tattoo, 532nm



Baseline
Treatment parameters: 4mm, 1.78J/cm², 2 Hz, 1 pass, 70 pulses - FDA Study

Post 5 treatments
Photos courtesy of Arielle Kauvar, M.D.

With 1064nm (spot sizes 2-5cm)

Tattoo, 1064nm (spot sizes 2-5cm)



Post 1 treatment
Treatment parameters: 4mm, 1.8J/cm²

Post 2 treatments
Photos courtesy of Frank Lista, M.D.,
The Plastic Surgery Skincare Clinic

Black Tattoo, 1064nm



Baseline
Treatment parameters: 4mm, 2.39J/cm², 3 Hz, 1 pass, 842 pulses

Post 5 treatments
Cropped image showing only area treated.
Photos courtesy of Eric Bernstein, M.D.



Tattoo removal

With 1064nm (spot sizes 2-5cm)

Black Tattoo, 1064nm



Baseline
Treatment parameters: 5mm, 1.7J/cm²

3 weeks post 1 treatment
Photos courtesy of J. Jennings, M.D.

With 1064nm (spot sizes 2-5cm)

Black Tattoo, 1064nm



Baseline
Treatment parameters: 5mm, 1.2J/cm²

1 day post 1 treatment

3 weeks post 1 treatment
Photos courtesy of J. Jennings, M.D.

Black Tattoo, 1064nm



Baseline
Treatment parameters: 5mm, 1.7J/cm²

Post 2 treatments
Photos courtesy of Delete - Tattoo Removal & Laser Salon

Black Tattoo, 1064nm



Baseline

1 day post 1 treatment

Post 2 treatments
Photos courtesy of Delete -
Tattoo Removal & Laser Salon



Tattoo removal

With 1064nm (spot sizes 2-5cm)

Black Tattoo, 1064nm



Baseline
Treatment parameters: 5mm, 1.2J/cm²

1 day post 1 treatment

3 weeks post 1 treatment
Photos courtesy of Delete -
Tattoo Removal & Laser Salon

With 1064nm (spot sizes 2-5cm)

Black Tattoo, 1064nm



Baseline
Treatment parameters: 4mm,
2.28J/cm², 2 Hz, 1 pass, 120 pulses

Post 4 treatments

Post 5 treatments
Photos courtesy of Eric Bernstein, M.D.

Black Tattoo, 1064nm



Baseline

1 month post 1 treatment
Photos courtesy of Delete -
Tattoo Removal & Laser Salon

Black Tattoo on Skin Type III, 1064nm



Baseline
Treatment parameters: 4mm, 3.22J/cm², 2 Hz, 1 pass,
89 pulses

Post 2 treatments
Photos courtesy of Eric Bernstein, M.D.



Tattoo removal

With 1064nm (spot sizes 2-5cm)

Multicoloured Tattoo on Skin Type III, 1064nm



Baseline
Treatment parameters: 3mm, 5.18J/cm²,
1 Hz, 1 pass, 37 pulses FDA Study

Post 1 treatment

Post 3 treatments
Photos courtesy of Eric Bernstein, M.D.

With 1064nm (spot sizes 2-5cm)

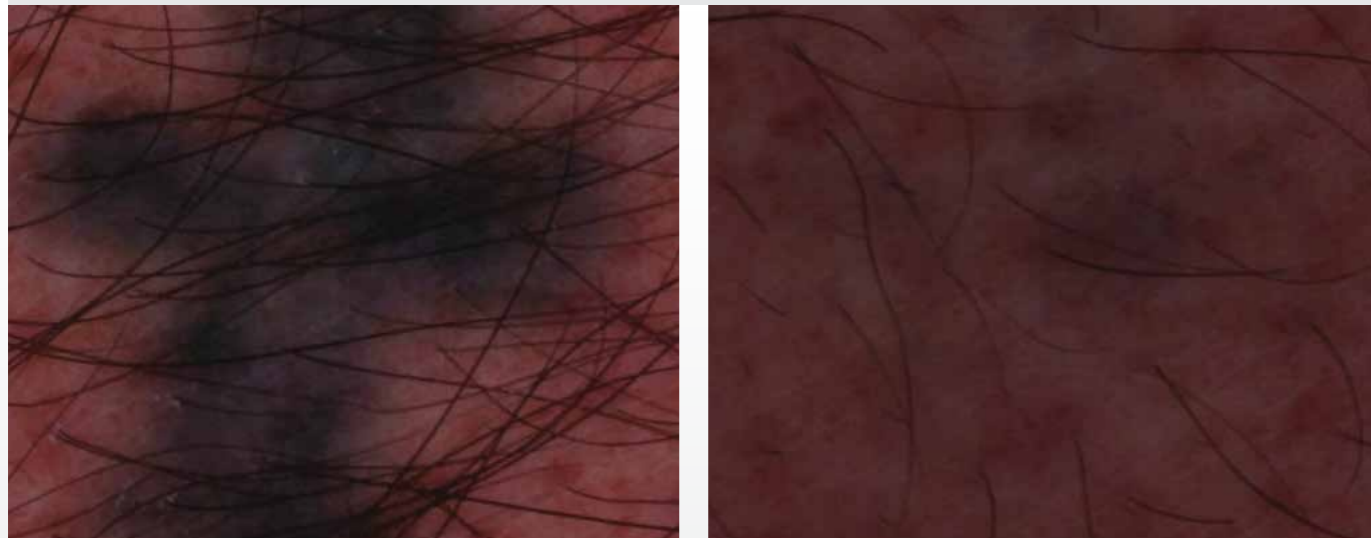
Black Tattoo on Skin Type IV, 1064nm



Baseline
Treatment parameters: Tx 1 4mm, 2.91J/cm², 2 Hz
Tx 2: 4mm, 3.22J/cm², 2 Hz

Post 2 treatments
Photos courtesy of Arielle N.B. Kauvar, M.D.

Black Tattoo on Skin Type III, 1064nm



Baseline
Treatment parameters: 4mm, 2.97J/cm²,
2 Hz, 1 pass, 10 pulses

Post 2 treatments
Photos courtesy of Eric Bernstein, M.D.

Black Tattoo on Skin Type III, 1064nm



Baseline
Treatment parameters: 3mm, 4.65J/cm², 3 Hz, 1 pass

Post 4 treatments
Photos courtesy of Tina S. Alster, M.D.



Tattoo removal

With 1064nm (spot sizes 2-5cm)

Black Tattoo on Skin Type IV, 1064nm



Baseline
 Treatment parameters: Tx 1: 5mm, 1.94J/cm², 1 Hz. Tx 2: 4mm, 2.94J/cm², 3 Hz. Tx 3: 3mm, 5.18J/cm², 2 Hz. Tx 4: 3mm, 4.24J/cm², 2 Hz
 Post 4 treatments
 Photos courtesy of Eric Bernstein, M.D.

Permanent Eyebrow Tattoo, 1064nm



Baseline
 Treatment parameters: 4mm, 1.4J/cm²
 Immediately after treatment
 1 week after treatment
 Photos courtesy of Dr. Lee

With 1064nm (spot sizes 2-5cm)

Permanent Eyebrow Tattoo, 1064nm



Baseline
 Post 6 treatments



Baseline
 Treatment parameters: 5mm, 2.0 J/cm², 3 Hz, 1 pass, 144 pulses
 Post 6 treatments
 Photos courtesy of David Friedman, M.D.



Tattoo removal

With 1064nm (spot sizes 6-10cm)

Black Tattoo on Skin Type III, 1064nm



Baseline
Treatment parameters: 6mm, 1.0 J/cm²

Post 2 treatments
Photos courtesy of Peter van de Ven

With 1064nm (spot sizes 6-10cm)

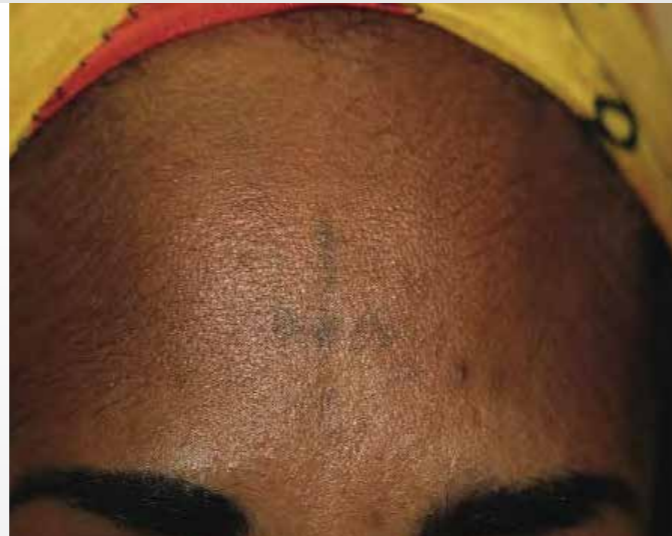
Black Tattoo, 1064nm



Baseline
Treatment parameters: 7mm, 1 J/cm², 6 Hz, 460 pulses

Post 2 treatments
Photos courtesy of David Friedman, M.D.

Black Tattoo on Skin Type VI, 1064nm



Baseline
Treatment parameters: Tx 1: 10mm, 0.5J/cm², 4 Hz.
Tx 2: 8mm, 0.6J/cm², 8 Hz

Post 2 months and 2 treatments
Photos courtesy of David Friedman, M.D.

Recalcitrant Green Tattoo on Skin Type III, 1064nm



Baseline
Treatment parameters: Tx 1: 1 pass with 8mm, 0.8 J/cm²
Tx 2: 1 pass with 5mm, 2 J/cm² FDA Study

6 weeks post 2 treatments
Photos courtesy of David Friedman, M.D.



Tattoo removal

With 1064nm (spot sizes 6-10cm)

Black Tattoo on Skin Type III, 1064nm



Baseline
Treatment parameters: 7mm, 1J/cm², 2 Hz, 1 pass, 152 pulses

Post 4 treatments
Photos courtesy of David Friedman, M.D.

Black and Red Tattoo on Skin Type III, 1064nm



Baseline
Treatment parameters: Using several passes of the 1064nm wavelength and decreasing spot sizes from 10 to 5mm (fluence range of 0.5-2 J/cm²) FDA Study

Post 3 months and 2 treatments
Photos courtesy of David Friedman, M.D.

With 1064nm (spot sizes 6-10cm)

Black Tattoo on Skin Type II, 1064nm



Baseline
Treatment parameters: 10mm, 0.5J/cm², 4 Hz, 500 pulses

Post 4 treatments
Photos courtesy of David Friedman, M.D. FDA Study

Permanent Eyebrow Tattoo on Skin Type IV, 1064nm



Baseline
Treatment parameters: Tx 1: 1 pass with 8mm, 0.8 J/cm²
Tx 2: 1 pass with 5mm, 2 J/cm²

Post 6 weeks and 4 treatments
Photos courtesy of David Friedman, M.D. FDA Study

Black Tattoo on Skin Type VI, 1064nm



Baseline
Treatment parameters: Tx 1: 10mm, 0.5J/cm², 4 Hz. Tx 2: 8mm, 0.6J/cm², 8 Hz FDA Study

Post 1 treatment

Post 2 months and 2 treatments
Photos courtesy of David Friedman, M.D.



Tattoo removal

Combined 1064nm and 532nm (spot sizes 2-5cm)

Red and Black Tattoo on Skin Type IV, 1064nm & 532nm



Baseline
Treatment parameters: Tx 1: 1064nm, 2.86J/cm², 4mm, 3 Hz.
 Tx 1: 532nm, 1.63J/cm², 3mm, 3 Hz. Tx 2: 1064nm, 3.02J/cm², 4mm, 3 Hz. Tx 2: 532nm, 0.86J/cm², 4mm, 3 Hz.
 Tx 3: 1064nm, 2.73J/cm², 4mm, 3 Hz. Tx 3: 532nm, 0.95J/cm², 4mm, 3 Hz FDA Study

Post 3 treatments
 Photos courtesy of Tina S. Alster, M.D.

Red, Purple and Black Tattoo on Skin Type III, 1064nm & 532nm



Baseline
Treatment parameters: Tx 1 (Red, purple): 532nm, 4mm, 1.75J/cm², 2 Hz Tx 1 (Black): 1064nm, 4mm, 2.96J/cm², 2 Hz.
 Tx 2 (Black): 1064nm, 3mm, 3.12J/cm², 2 Hz v FDA Study

Post 2 treatments
 Photos courtesy of David Friedman, M.D.

Tattoo removal green & blue inks

Skin Types II-IV, 785nm

Blue and Green Tattoo on Skin Type IV, 785nm



Baseline
Treatment parameters: Tx 1: 3mm, 1.44J/cm² Tx 2: 2mm, 3.69J/cm², 3 Hz, 1 pass. *Only green and blue inks treated, not black ink.

Post 2 treatments
 Photos courtesy of Eric Bernstein, M.D.

Blue Tattoo on Skin Type III, 785nm



Baseline
Treatment parameters: Tx 1: 3mm, 1.44J/cm², 3 Hz, 1 pass, 49 pulses Tx 2: 3mm, 1.6J/cm², 1 Hz, 1 pass, 43 pulses

8 weeks post 2 treatments
 Photos courtesy of Eric Bernstein, M.D.



Tattoo removal green & blue inks

Skin Types II-IV, 785nm

Green and Black Tattoo on Skin Type III, 785nm



Baseline
 Treatment parameters: Tx 1: 3mm, 1.44J/cm².
 Tx 2: 2mm, 3.69J/cm², 2 Hz, 1 pass
 *Only green and blue inks treated, not black ink.

8 weeks post 2 treatments
 Photos courtesy of Eric Bernstein, M.D.

Blue Tattoo on Skin Type III, 785nm



Baseline
 Treatment parameters: Tx 1: 3mm, 1.44J/cm². Tx 2: 3mm,
 1.6J/cm² 1 Hz, 1 pass

8 weeks post 2 treatments
 Photos courtesy of Eric Bernstein, M.D.

Tattoo removal green & blue inks

Skin Types II-IV, 785nm

Blue Tattoo on Skin Type III, 785nm



Baseline
 Treatment parameters: Tx 1: 3mm, 1.44J/cm²
 Tx 2: 2mm, 3.18J/cm². 2 Hz, 1 pass FDA Study

8 weeks post 2 treatments
 Photos courtesy of Eric Bernstein, M.D.

Blue, Green & Black Tattoo on Skin Type III, 785nm



Baseline
 Treatment parameters: Tx 1: 3mm, 1.44J/cm².
 Tx 2: 2mm, 3.18J/cm². 2 Hz, 1 pass
 *Only green and blue inks treated, not black ink FDA Study

8 weeks post 2 treatments
 Photos courtesy of Eric Bernstein, M.D.



Benign pigmented lesions

Skin Types I-IV, 532nm

Café au Lait on Skin Type IV, 532nm



Baseline
Treatment parameters: Tx 1: 6mm, 0.54 J/cm², 1 pass

Post 2 months and 1 treatment
Photos courtesy of David Friedman, M.D.

Benign pigmented lesions

Skin Types I-IV, 532nm

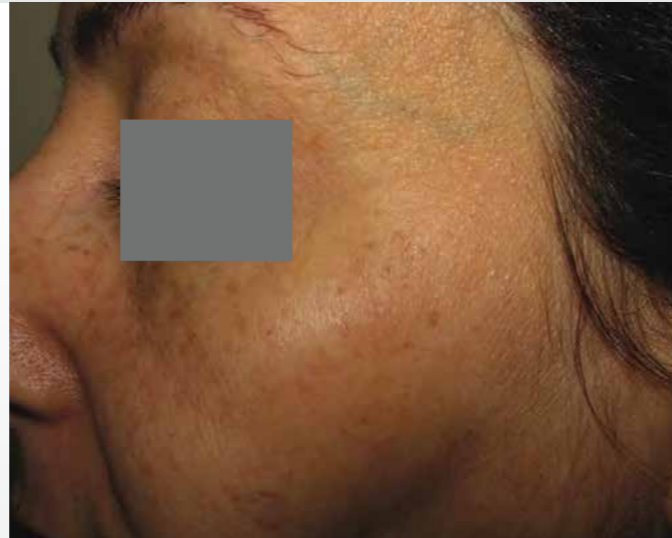
Lentigines on Skin Type III, 532nm



Baseline
Treatment parameters: 3mm, 0.551 J/cm², 3 Hz, 1 pass

7 weeks post 2 treatments
Photos courtesy of David Friedman, M.D.

Lentigines on Skin Type III, 532nm



Baseline
Treatment parameters: 3mm, 0.64 J/cm², 3 Hz, 1 pass

Post 1.5 months and 1 treatment
Photos courtesy of David Friedman, M.D.

Café au Lait on Skin Type III, 532nm



Baseline
Treatment parameters: 4mm, 1.2 J/cm², 1 Hz, 1 pass, 225 pulses

2 weeks post 1 treatment
Photos courtesy of David Friedman, M.D.



Benign pigmented lesions

Skin Types I-IV, 532nm



Arms – Lentigines on Skin Type II, 532nm

Baseline
 Treatment parameters: Tx 1: 3mm, 1.01 J/cm², 2 Hz.
 Tx 2: 3mm, 1.35J/cm², 1 Hz

Post 2 treatments
 Photos courtesy of David Friedman, M.D.

Benign pigmented lesions

Skin Types I-IV, 532nm & 1064nm



Solar Lentigines with 532nm & 1064nm

Baseline
 Treatment parameters: 1: Pigment (4 sessions)
 1064 3mm-1.3J 3sec stacking on lentigines 1064 8mm-0.35J
 1 pass over full face 2: periorbital rejuvenation (4 sessions)
 1064 Resolve 1.4J 1pass + 532 0.5J 1pass

2 weeks after 4 treatments
 Photos courtesy of Lee Kyung Real M.D.



Benign Pigmented Lesion with 532nm & 1064nm

Baseline
 Treatment parameters: 532nm, 0.24J/cm², 1 pass
 532nm Zoom, 3mm, 0.4J/cm², 1 pass 1064nm Zoom,
 4mm, 2.0J/cm², 1pass

6 months post 3 treatments
 Photos courtesy of Cheng Kuo-Liang, M.D.



Benign pigmented lesions

Skin Types I-IV, 532nm & 1064nm

Benign Pigmented Lesion with 532nm & 1064nm



Baseline
Treatment parameters: 532nm Zoom, 3mm, 0.6J/cm², 2 passes 532nm Resolve, 0.2J/cm², 1 pass 1064nm Zoom, 4mm, 0.2J/cm², 2 passes 1064nm Resolve, 2mm, 1.9J, 2 passes

5 months post 4 treatments
 Photos courtesy of Cheng Kuo-Liang, M.D.

Nevus of Zygomaticus with 532nm & 1064nm



Baseline
Treatment parameters: 532nm Zoom, 4mm, 1.4 J/cm², 1 pass 532nm Resolve, 0.24 J/cm², 1 pass 1064nm Zoom, 4mm, 3 J/cm², 1 pass

3 months post 4 treatments
 Photos courtesy of Cheng Kuo-Liang, M.D.

Pigmentation, skin irregularities and anti-ageing

Resolve Fractional, 532nm & 1064nm

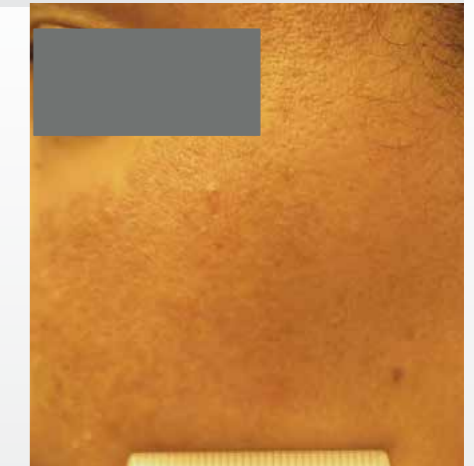
Resolve 1064nm on Skin Type II



Baseline
Treatment parameters: 2mm, 2.14mJ/μbeam, 4 Hz

Post 7 weeks and 2 treatments
 Photos courtesy of David Friedman, M.D.

Benign Pigmented Lesion with Resolve 532nm & 1064nm



Before: Tx 2

Before: Tx 4

Before: Tx 6

Tx 4: PicoWay right side Resolve 1064, left side Resolve 532
 Tx 5 - Tx 6: PicoWay Resolve 106 FDA Study

Photos courtesy of Eric Bernstein, M.D.



Pigmentation, skin irregularities and anti-ageing

Resolve Fractional, 532nm & 1064nm

Resolve 1064nm on Skin Type II



Baseline
Treatment parameters: 2mm, 2.14mJ/μbeam

Post 1 month and 1 treatment
Photos courtesy of David Friedman, M.D.

Resolve 532nm & 1064nm on Skin Type II



Baseline
Treatment parameters: Tx 1: 1064nm, 6mm, 2.14 – 2.49 mJ/μbeam
Tx 2: 532nm, 6mm, 2.01 mJ/μbeam

Post 6 weeks and 2 treatments
Photos courtesy of David Friedman, M.D.

Pigmentation, skin irregularities and anti-ageing

Resolve Fractional, 532nm & 1064nm

Resolve 532nm, Skin Type II



Immediately post
Treatment parameters: 6x6 mm, 0.9mJ/μBeam

24 hours post

Post 24 hours with make up
Photos courtesy of Konika Patel, M.D.

Resolve 532nm, Skin Type II



Immediately post
Treatment parameters: 6x6 mm, 0.9mJ/μBeam

24 hours post

Post 24 hours with make up
Photos courtesy of Konika Patel, M.D.



Pigmentation, skin irregularities and anti-ageing

Resolve Fractional, 532nm & 1064nm

Resolve 1064nm, Skin Type V



Baseline
Treatment parameters: 6x6 mm,
1.7mJ/ μ Beam

Immediate post

Post 24 hours
Photos courtesy of Konika Patel, M.D.

Resolve 1064nm, Skin Type V



Baseline
Treatment parameters: 6x6 mm,
1.7mJ/ μ Beam

Immediate post

Post 24 hours
Photos courtesy of Konika Patel, M.D.

Pigmentation, skin irregularities and anti-ageing

Resolve Fractional, 532nm & 1064nm

Resolve 1064nm on Skin Type II



Baseline
Treatment parameters: 1.7 and 1.9 mJ/ μ beam, 3 passes.
Only treated around the eyes.

After 1 treatment
Photos courtesy of David Friedman, M.D.



Comparitive treatments

Fraxel vs. PicoWay / Nano. vs. PicoWay

Pores with Resolve, 532nm & 1064nm



Baseline
Fraxel: level 4/ 4 /8 mJ/ μ Beam, 4 passes

PicoWay: 1064nm, 1.3 mJ/ μ Beam, 4 passes and 532nm, 0.16 mJ/ μ Beam, 1 pass 0.16
Photos courtesy of Yi-Yu Chen, M.D.

Resolve 1064nm on Skin Type II



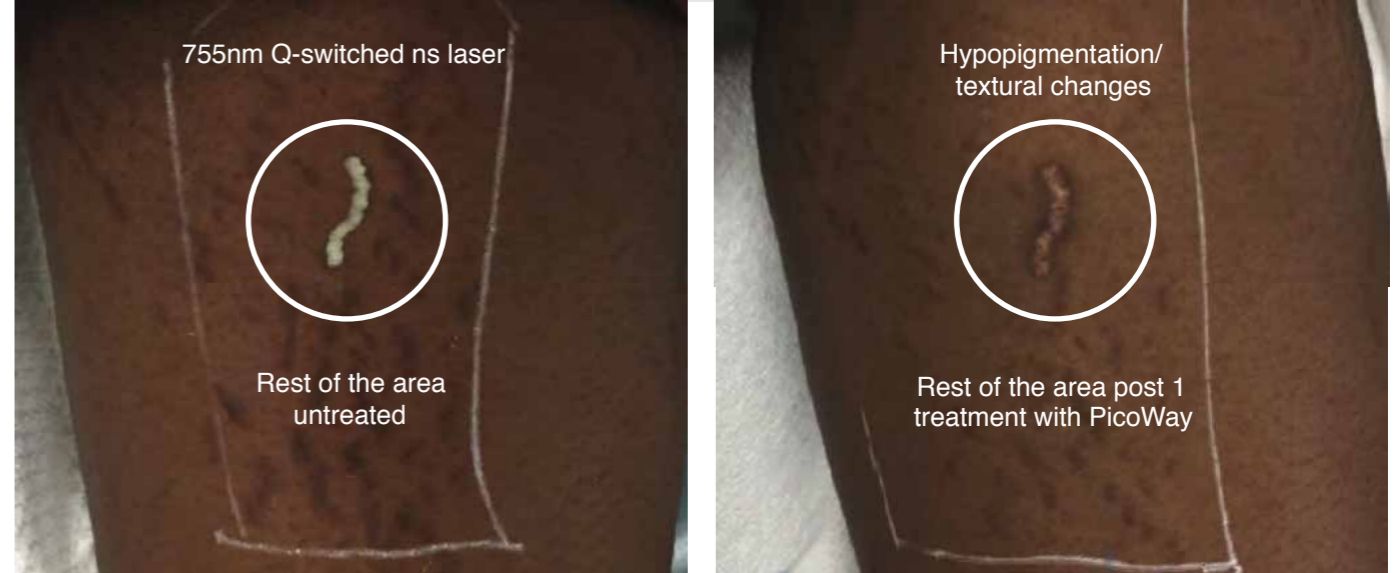
Baseline
Fraxel: 2mm, 2.14mJ/ μ beam, 4 Hz

Post 7 weeks and 2 treatments
Photos courtesy of David Friedman, M.D.

Comparitive treatments

Nano. vs. PicoWay

Treatment of Hyperpigmentation on Skin Type VI



Photos courtesy of J. Jennings, M.D.

Recalcitrant Tattoo & Pigmentation



Baseline
Post 15 Q-switched laser treatment

Post 1 month & 1 PicoWay treatment
Photos courtesy of V. Narurkar, M.D.





Find out more about the PicoWay[®] system today

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Contact a Candela product expert:

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