

Shattering the past. Revealing the future.



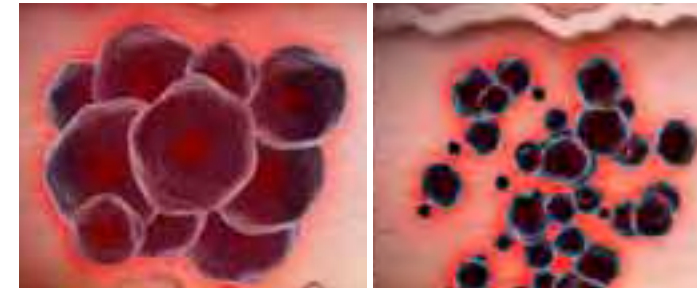
Cynosure introduces PicoSure, the first and only aesthetic picosecond laser for the safe and effective removal of tattoos and benign pigmented lesions.

With our patented PressureWave™ technology, PicoSure goes beyond traditional lasers for better clearance with fewer treatments. Even dark, stubborn blue and green inks as well as previously treated recalcitrant tattoos can be removed.

PressureWave™ technology causes greater disruption of the target ink into tiny particles for better clearance with fewer treatments, and less fluence without injury to the skin.

Picosecond vs. nanosecond technology

Traditional nanosecond lasers predominately rely on photothermal action, delivering heat to the pigment and surrounding tissue.

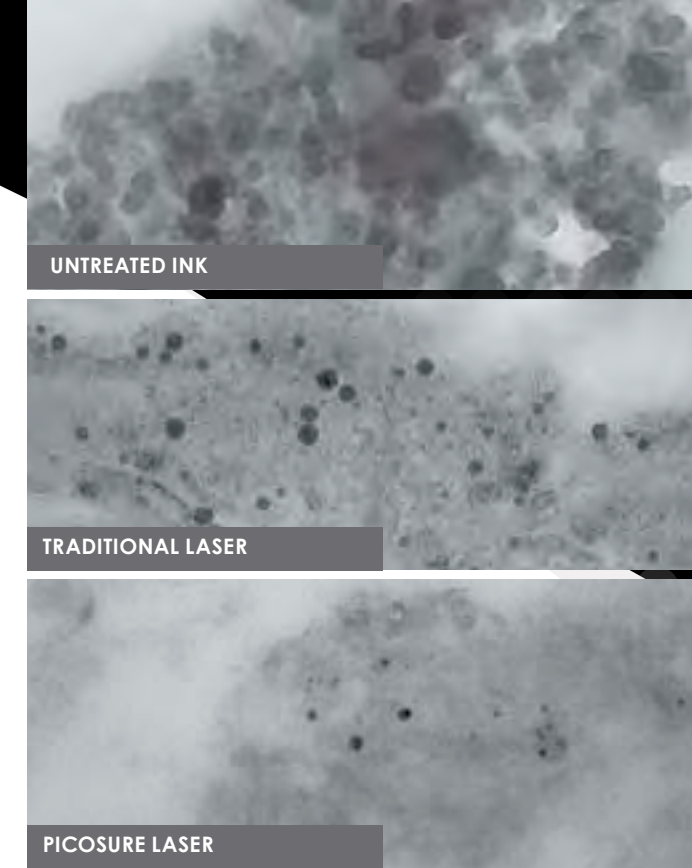


The PicoSure laser takes advantage of PressureWave Technology to shatter the smallest of target particles.



Ultra-short Pulse Duration Is the Difference

- PicoSure's pulse width is 100X faster than nanosecond technology.
- Only ultrashort pulse durations trigger photomechanical effect.
- With this short pulse width, half the fluence is required compared to Q-Switched nanosecond lasers



Laser response comparison with electron microscope

Images courtesy of H.R. Jaiian, M.D.

Clinical Data Shows Better results in fewer treatments, even with recalcitrant tattoos.

As reported in the paper "Successful and Rapid Treatment of Blue and Green Tattoo Pigment With a Novel Picosecond Laser"¹⁶

- All previously untreated multicolored tattoos, as well as those recalcitrant to treatment, demonstrated at least 75%

clearance of blue and green pigment after 1 or 2 treatments. And of those multicolored tattoos, more than 2/3 approached closer to 100% clearance.

- Expedited clearance was achieved with less collateral injury to surrounding tissue.

Recalcitrant tattoo

