

CYNOSURE



Shattering the Past.  
Revealing the Future.

PiCOSOURE<sup>®</sup>

NEW BOOST



## **NEW BOOST**

*Adjustable pressure with shorter pulse widths*

**Innovation Drives Us.**

**The Future Inspires Us.**

PicoSure is the world's first and only picosecond laser for multiple aesthetic treatment applications. This unparalleled breakthrough in laser technology delivers ultra-short bursts of energy to the skin in trillionths of a second, enabling unmatched photomechanical impact or patented PressureWave™.

Picosecond pulse width is 100 times shorter than nanosecond technology, enabling photomechanical impact to shatter targets without injury to the surrounding skin.

**PicoSure**

Changing dermatology forever



**BEFORE**

**AFTER 3 Tx  
PICOSURE FOCUS**

Photos courtesy of D. McDaniel, MD



**BEFORE**

**AFTER 2 Tx**

Photos courtesy of A. Kaplani, MD



**BEFORE**

**AFTER 7 Tx  
Q-SWITCHED NdYAG**

**AFTER 1 Tx  
PICOSURE**

Photos courtesy of R. Sarin, MD

Clinical data shows better results in fewer treatments, even with recalcitrant tattoos<sup>1</sup>.



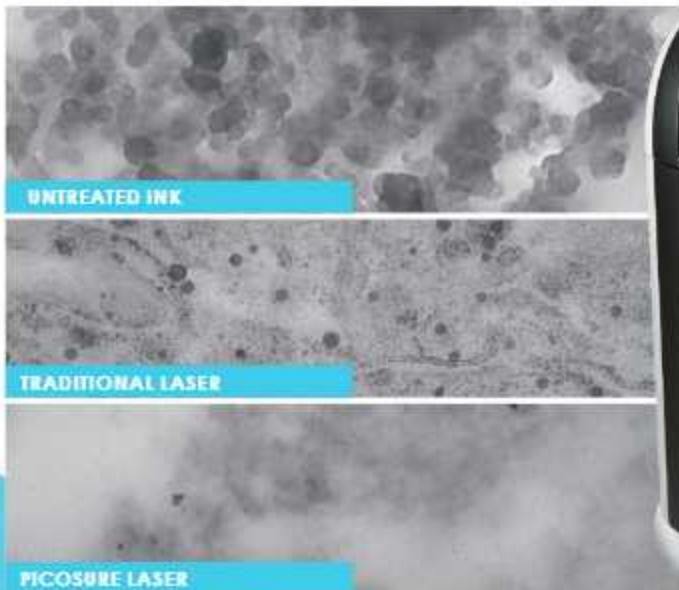
# PicoSure®

Picosecond Workstation

## Unprecedented innovation in laser technology

### Picosecond vs. nanosecond technology

- Traditional nanosecond lasers predominantly rely on photothermal action, delivering heat to the pigment and surrounding tissue.
- PicoSure uses PressureWave™ Technology to shatter targets into tiny particles that are easily eliminated by the body.



*Electron Microscopy images courtesy of H.R. Jallan, M.D.*



## The PicoSure Difference



*Photos courtesy of Cynosure, Inc.*

- Clears tattoos and benign pigmented lesions with less fluence, fewer treatments, and improved recovery
- Removes recalcitrant tattoos and difficult colors including blue and green inks
- Revitalizes the skin with micro-ablative FOCUS Lens Array for extraordinary results

## Now with BOOST

A new feature that amplifies PicoSure's PressureWave™ to levels never before possible. Boost magnifies the pressure 70% by shortening pulse widths to 550ps, allowing for unprecedented treatment options.



*Photos courtesy of C. Vanderheiden*



*Photos courtesy of Hall Plastic Surgery*

*Photos courtesy of R. Saluja, MD*

# FOCUS™ Lens Array for Skin Revitalization

The Focus Lens Array harnesses the powerful photomechanical effect of the PicoSure into tightly focused arrays.

- These arrays contain concentrations of energy 20 times that of a standard PicoSure pulse
- Concentrated energy treats 10% of the tissue, while the surrounding area is treated by a lower fluence for a gentler background effect



BEFORE

AFTER 3 Tx  
PICO SURE FOCUS

Photos courtesy of R. Weiss, MD



BEFORE

AFTER 2 Tx  
PICO SURE FOCUS

Photos courtesy of D. McDaniel, MD

### General Specifications

Nominal Wavelength	755nm
Pulse Duration	550-750ps
Pulse Energy	1.65-200mJ
Electrical Power	200-240 V~, 4.5 kVA, 50/60Hz, single phase
Electrical Service Requirement	30Amp

### Handpiece Specifications

#### Zoom Handpiece

Spot Size	2.0-6.0mm
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#### Fixed Handpieces

Spot Size	6.0, 8.0, 10.0mm
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For the power of PicoSure contact your Cynosure consultant today.

Call 800-886-2966. Visit [www.cynosure.com/picosure](http://www.cynosure.com/picosure)

#### REFERENCES:

1. Brauer JA, Reddy KK, Anolik R, et al. Successful and Rapid Treatment of Blue and Green Tattoo Pigment With a Novel Picosecond Laser. *Arch Dermatol*. 2012;148(7):820-823. doi:10.1001/archdermatol.2012.901.

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