



CYNOSURE

Cynergy™

gold-standard wavelengths with the  
benefit of MultiPlex™ technology

# Powered by MultiPlex™ technology for unsurpassed efficacy.

Vascular treatments are in high demand:

- Nearly 3 million energy-based vascular treatments are performed globally.<sup>1</sup>
- Unwanted spider and leg veins affect more than 50% of women.

3

MILLION

procedures worldwide<sup>1</sup>

50

PERCENT

women with unwanted veins

Cynergy features gold-standard wavelengths for treating vascular and pigmented lesions, plus exclusive MultiPlex™ technology.

**Treat a wide range of vascular lesions, including:**

*Facial and Leg Telangiectasias  
Spider Veins  
Hemangiomas  
Portwine Stains  
Rosacea*



CYNOSURE  
Cynergy™

# Two Gold-standard Wavelengths

## 585 nm Pulsed Dye Laser

- Excels at treating portwine stains, smaller red vessels and rosacea.
- Low risk of collateral damage with a shallow treatment depth and excellent selectivity for blood.

## 1064 nm Nd:YAG

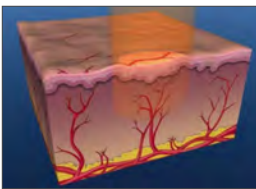
- Highly effective at treating larger facial vessels and leg veins up to 3 mm in diameter.
- Ideal for treating facial and leg telangiectasias.

# Fast Treatments with Efficacious Outcomes

- Effective results in less time than some single-wavelength systems.
- Customizable treatment settings for enhanced patient outcomes.

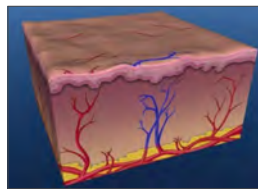
# Exclusive MultiPlex™ Technology

- Sequentially emits both wavelengths-pulsed dye followed by Nd:YAG-with a selectable delay in between for increased energy absorption.
- Vessel destruction is achieved at lower fluences, resulting in reduced side effects.<sup>2,3</sup>



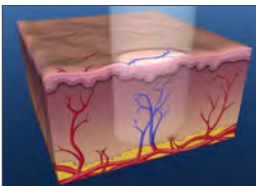
1

*PDL fires first.*



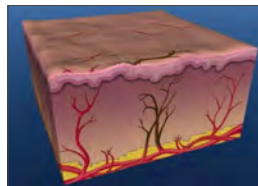
2

*Oxyhemoglobin is converted to methemoglobin, which has a 3-5x greater absorption rate by 1064 nm Nd:YAG.*



3

*1064 nm Nd:YAG automatically fires after a short time delay.*

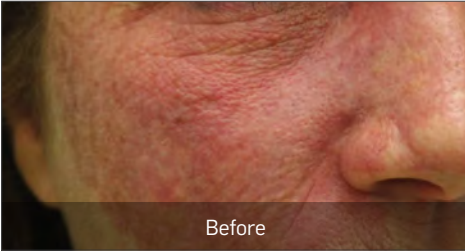


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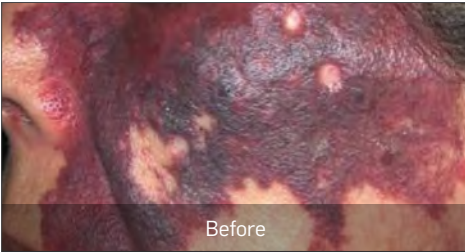
*Vessel destruction achieved faster and more effectively.*

For more information visit [cynosure.com/Cynergy](http://cynosure.com/Cynergy)

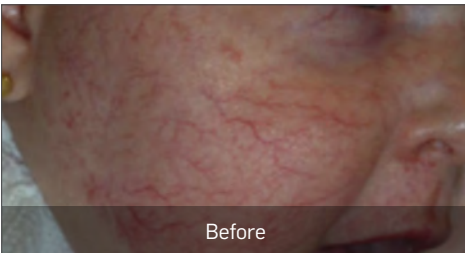
# The Proof is in the Patients.



*Photos courtesy of Dr. S.B. Aguilera*



*Photos courtesy of P. Boixeda, MD*



*Photos courtesy of P. Boixeda, MD*



*Photos courtesy of M. Saluja, MD*



System Type	PDL	Nd:YAG	MultiPlex
<b>Wavelength</b>	585–597 nm*	1064 nm	585–597 nm + 1064 nm
<b>Pulse Width</b>	0.5–40 msec	0.3–300 msec	0.5–300 msec
<b>Maximum Fluence Per Spot Size</b>			
15 mm**	–	35 J/cm <sup>2</sup>	–
12 mm	7 J/cm <sup>2</sup>	50 J/cm <sup>2</sup>	–
10 mm	10 J/cm <sup>2</sup>	80 J/cm <sup>2</sup>	10 J/cm <sup>2</sup> PDL & 80 J/cm <sup>2</sup> Nd:YAG
7 mm	20 J/cm <sup>2</sup>	160 J/cm <sup>2</sup>	20 J/cm <sup>2</sup> PDL & 160 J/cm <sup>2</sup> Nd:YAG
5 mm	40 J/cm <sup>2</sup>	240 J/cm <sup>2</sup>	–
3 mm	–	300 J/cm <sup>2</sup>	–
<b>Maximum Rep Rate</b>	2 Hz	5 Hz	1 Hz
<b>Aiming Beam</b>	red diode laser (635 nm)		
<b>Skin Cooling System</b>	cold air—available separately		
<b>Electrical Requirements</b>	200/208, 220/230 VAC; 30A		
<b>Size (H x W x D)</b>	40" x 18" x 31" (101 cm x 46 cm x 79 cm)		
<b>Weight</b>	270 lbs (123 kg)		

\*Figure is within +/- 2% \*\*Optional hand piece

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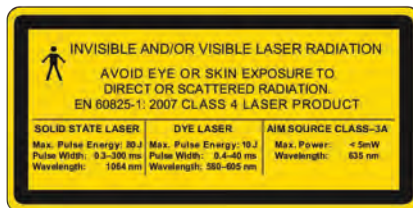
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SOURCES <sup>1</sup> Medical Insight, 2013 <sup>2</sup> Barton JK, et al. Proceedings of SPIE 2002; 4609:10–19 <sup>3</sup> Kuenstner JT, Norris KH. Near Infrared Spectrosc 1994; 2:59–65

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