

# Vbeam Perfecta®

Pulsed dye laser  
technology refined  
to perfection

595 nm advanced PDL to treat multiple vascular  
and dermatologic conditions



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



# Vbeam®

## Experience Pulsed Dye Laser Leadership

The Vbeam Perfecta® technology is the gold standard and the world's best selling pulsed dye laser. Time and again it proves itself as the successful, easy-to-use tool for the treatment of benign cutaneous vascular lesions, benign vascular gynecological lesions and periorbital wrinkles with a low incidence of side effects. Its broad variety of indications and outstanding performance characteristics make it a "must have" laser and a smart investment for any serious practitioner.

### Treatment Spot Sizes

- A wide variety of treatment spot sizes and distance gauges.
- 3 x 10, 3, 5, 7, 10 & 12 mm treatment spot sizes for vascular lesions
- 7 & 10 mm compression treatment spot sizes for benign pigmented lesions

### Ergonomic Handpiece

- Contoured design to reduce wrist strain and increase operator comfort
- Compact size for comfort during treatment
- One piece quick disconnect smart gauges are easy to insert, remove and clean
- Microchip in the distance gauge calibrates the system to the correct spot size



### Intuitive Touch Screen

SMART User Interface with Guided Mode includes presets for a wide variety of vascular and pigmented lesion indications while providing seamless direct access to settings for expert users.

### Energy Output Versatility

The Vbeam Perfecta system offers full range energy output at all its pulse widths and treatment spot sizes.

### DCD™ Cooling

Integrated Dynamic Cooling Device (DCD™) cooling system) saves time, is operator independent, scales with fluence and provides consistent protection of the epidermis.

“In my laser practice, there isn't a day that goes by where I don't use the Vbeam device. It's really a workhorse laser at our practice.”

Brian Zellickson, M.D., Minneapolis, Minnesota

# The Vbeam Perfecta platform can do it all

The Vbeam Perfecta system is world recognized as a leading pulsed dye laser (PDL) offering a wide range of capabilities and successful treatment options for the treatment of benign cutaneous vascular lesions, benign vascular gynecological lesions and periorbital wrinkles.

## Variable Pulse Technology Advantage

Each Vbeam Perfecta pulse is composed of 8 individual micro pulses. Energy within each pulse is distributed across these micro pulses – enabling you to select higher overall energies and effectively target vascular lesions with less downtime and pupura. You may also select to more aggressively scale energy output to induce pupura and treat a more stubborn range of indications.

## Better Results in Fewer Treatments

The Vbeam Perfecta system delivers excellent results in the treatment of a variety of dermatologic conditions.

### Vbeam Indications

- Rosacea
- Angioma
- Periorbital Wrinkles
- Port Wine Stains
- Spider Angioma
- Facial and Leg Vessels
- Hemangiomas
- Poikiloderma
- Vascular Gynecological Lesions

### Indications Where Purpura is a Desired Endpoint

- Port Wine Stain
- Cherry Angioma
- Spider Angioma
- Hemangioma



# Clinical results

## Rosacea



Baseline

Post 5 Treatments

Courtesy of R. Kaplan, M.D.  
All photos are unretouched. Individual results may vary.

## Port Wine Stain

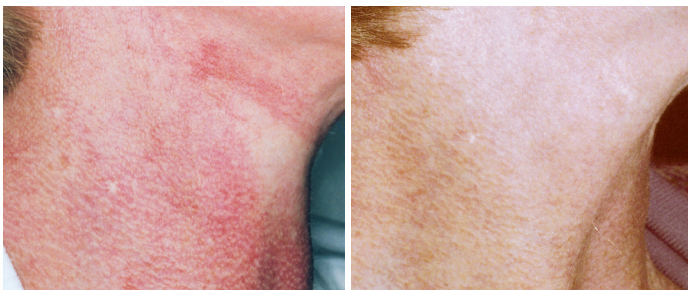


Baseline

Post 1 Treatment

Courtesy of Fine Lines Cosmetic Center  
All photos are unretouched. Individual results may vary.

## Poikiloderma of Civatte



Baseline

Post 2 Treatments

Courtesy of S. Eubanks, M.D.  
All photos are unretouched. Individual results may vary.

## Leg Telangiectasia



Baseline

Post 2 Treatments

Courtesy of C. Trigueiro, M.D.  
All photos are unretouched. Individual results may vary.

## Facial Telangiectasia

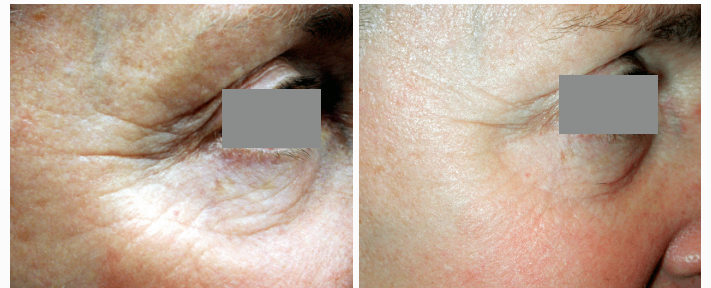


Baseline

Post 2 Treatment

Courtesy of T. Rohrer, M.D.  
All photos are unretouched. Individual results may vary.

## Periorbital Wrinkles



Baseline

Post 2 Treatments

Courtesy of S. W. Eubanks, M.D.  
All photos are unretouched. Individual results may vary.

“Most of the Dermatologists in our group use the pulsed dye laser (PDL) as their go-to vascular laser system because it’s easy to use, fast and has proven results. The major advantages of the Vbeam are the DCD, ease of use of the Perfecta touch screen and the ability to use short pulses to provide purpura when necessary. “

E. Victor Ross, M.D., Dermatologist, Scripps Clinic, San Diego, CA

# The Vbeam Perfecta PDL is like no other

## 595 nm – the optimal wavelength

- Shorter wavelengths have too much melanin absorption which limits treatment of darker skin types.
- Shorter wavelengths also have a shallower penetration that creates difficulty in reaching larger and deeper vessels.

## The disadvantage of longer wavelengths

- Unlike shorter wavelengths, longer wavelengths do not have enough hemoglobin absorption which requires practitioners to use more energy to treat vessels which can increase risk to the safety profile.

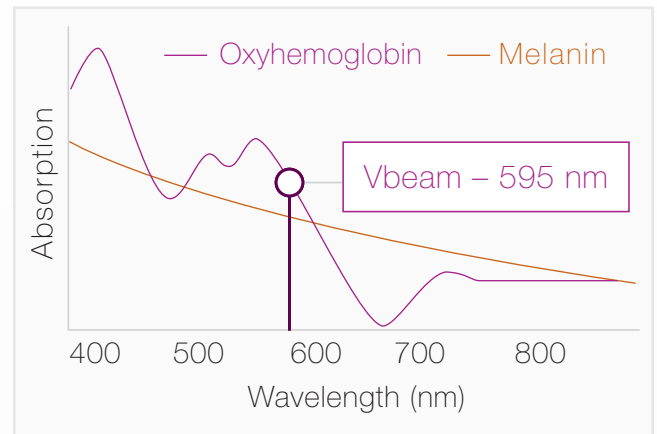
## 595 nm – not too short, not too long.

At a wavelength of 595 nm, the Vbeam Perfecta laser provides the optimal blend of depth penetration and hemoglobin absorption for successful, clinically proven results.<sup>2</sup>

## Dynamic Cooling Device (DCD™) Cooling System Included!

- Cryogen cooling integrated right into the Vbeam Perfecta handpiece – no external cooling needed!
- Consistent cooling every time with smart user interface settings
- Scales with fluence and pulse widths to ensure protection

Exceptional epidermal protection.  
Exceptional patient comfort.



### SYSTEM SPECIFICATIONS

Laser Type	Pulsed Dye	
Wavelength	595 nm	
Pulse	0.45-40 ms	
Spot Sizes (diameter) with maximum energy	3 mm - 40 J/cm <sup>2</sup> 5 mm - 30 J/cm <sup>2</sup> 7 mm - 20 J/cm <sup>2</sup> 10 mm - 10 J/cm <sup>2</sup>	12 mm - 7 J/cm <sup>2</sup> 3x10 mm - 25 J/cm <sup>2</sup> 7 mm PL - 15 J/cm <sup>2</sup> 10 mm PL - 10 J/cm <sup>2</sup>
Beam Delivery	Lens-coupled 3 m optical fiber with handpiece	
Pulse Control	Finger switch, foot switch	
Dimensions	43" H x 16" W x 30" D (109 cm x 40 cm x 76 cm)	
Weight	290 lbs. (132 kg)	
Electrical	230 V 50/60 Hz, single phase, 18A	

### Optional DCD Cooling System

Integrated controls, cryogen container and handpiece with distance gauge

Cryogen	HFC 134a
DCD Spray Duration	User adjustable range: 20-100 ms
DCD Delay Duration	User adjustable range: 10-100 ms
DCD Post Spray Duration	User adjustable range: 0-50 ms

For more information about how Vbeam Perfecta system may help you achieve your practice goals, contact your local Candela sales professional or visit [candelamedical.com](http://candelamedical.com)



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1. Candela Data on File 2. Bernstein EF, Schomacker K, Paranjape A, Jones CJ. Pulsed dye laser treatment of rosacea using a novel 15 mm diameter treatment beam. *Lasers Surg Med.* 2018;doi:10.1002/lsm.22819. 3. Galeckas KJ, Ross EV, Uebelhoer NS. A pulsed dye laser with a 10-mm beam diameter and a pigmented lesion window for purpura-free photorejuvenation. *Dermatol Surg.* 2007;34:1-6.