

# *V – BEAM CANDELA PULSED DYE LASER*

## *Laser Treatment for:*

- *Facial Spider Veins Rosacea*
- *Leg Veins*
- *Scars*
- *Port Wine Stains*
- *Hemangiomas*

### ***What is the Candela pulsed dye laser and why is it a safe treatment?***

The pulsed dye laser has a well-documented history of safely and effectively treating vascular lesions for over 15 years. It is designed to deliver an intense but gentle burst of laser light to the skin. The laser light is specifically absorbed by the blood vessels in the vascular lesion. These vessels are gently heated and coagulated. The body reabsorbs the treated blood vessels during the natural healing process.

The laser has a unique ability to selectively target the blood vessels of a vascular lesion without adversely affecting the surrounding tissue. It is so safe and effective that it has been used successfully for the treatment of infants as young as a few weeks old. The skin is protected during laser treatment by Candela's proprietary Dynamic Cooling Device™, which sprays a cool liquid onto the skin before each laser pulse, cooling the upper layers of skin and providing patients with increased comfort.

### ***What conditions are treated with the Laser?***

- Telangiectasia or facial and nasal spider veins.
- Rosacea (red facial lesions)-affecting the skin of the face around the nose and cheeks causing a red blush or sunburn look.
- Port Wine Stains/red birthmarks and strawberry hemangiomas – red lesions that grow rapidly after birth and may impair the function of another organ.
- Scars – Raised or puffy scars that are often caused by surgery, trauma, acne or burns.
- Spider Leg Veins (<1 millimeter) commonly seen on the legs. The precise origin of the disorder is unknown but reports have shown that pregnancy, hormonal changes, weight gain, leg injury or prolonged standing may influence the occurrence.  
The majority of patients seeking treatment for removal of leg veins are for cosmetic reasons. Most patients are uncomfortable with the appearance of these veins.
- Poiklioderma – patchy discoloration of the skin.

## ***What precautions should be taken before and after treatments?***

It is recommended to avoid exposure to the sun and tanning of the areas to be treated throughout the course of treatment. Immediately following the treatment the area may be slightly swollen, sensitive and may feel warm. The post-operative care recommended is to:

- Avoid sun exposure or tanning
- Apply ice for discomfort
- Apply ointment or topical antibiotic cream if needed.

In addition, care should be taken in the first few days following treatments to avoid scrubbing or rinsing the area with abrasive skin cleansers. A small bandage or patch may be helpful in preventing abrasion of the treated area. Pressure bandages/compression stockings may be required postoperatively after leg vein treatment, based on guidance from your physician.

## **What does laser treatment involve?**

Treatment with the laser will include;

- Wearing safety eye wear to protect the patient's eyes from intense laser light.
- A small Handpiece will be used by the physician/technician to deliver the laser energy to the skin. A light spray of coolant onto the skin will be felt just before each laser pulse.
- The degree of discomfort varies with each person, depending on his/her pain threshold. Topical anesthesia may also be requested based on individual preferences or tolerances. Be sure to discuss this with your practitioner in advance of the laser treatment.

## **What other methods are used to treat leg veins?**

The most common therapy used to treat leg veins is sclerotherapy. Sclerotherapy involves needle injections of sclerosing agents (such as saline) into the vessels to be removed. Treatments are invasive and can be painful. Side effects may include hyperpigmentation and telangiectatic or vessel matting.

## **Are there any side effects with the laser treatment?**

Patients may experience some temporary discoloration or reddening of the skin around the treatment site. Some patients may experience pigmentary changes in skin color. The skin will typically return to normal pigmentation over time.

## **Is this procedure covered by insurance?**

Most insurance companies do not offer reimbursement for cosmetic procedures; however, consult your insurance carrier for more information.

## **Why should I have a vascular lesion treated?**

Many people are uncomfortable with unsightly vascular lesions. With a means of treatment as safe and effective as the Candela laser, there is simply no reason to live with this problem. Furthermore, young children or infants can be treated before they are subjected to the psychological as well as physical trauma that may be associated with this vascular lesion.