How does the VenaCure EVLT system or radiofrequency laser ablation actually work to treat varicose veins?

Within Endovenous Laser Ablation (EVLT) or Endovenous Radiofrequency Ablation (EVRA), REDI's providers use special radiofrequency energy or Laser to cauterize (using light or heat) and close unwanted veins. An interventional radiologist carefully inserts the electrode or fiber through the catheter and uses ultrasound guidance to inject local anesthetic around your abnormal vein. A Laser or Radiofrequency fiber is fired inside and along the length of the damaged vein. The laser energy or radiofrequency heats the blood, which affects the vein wall, shrinking them closed so that blood can no longer flow through. Laser or Radiofrequency energy heats your vein and seals it as an interventional radiologist slowly withdraws the catheter.

What are the side effects and complications of varicose vein treatment with the Endovenous Laser Ablation (EVLT) or Endovenous Radiofrequency Ablation (EVRA)?

The Endovenous Laser Ablation (EVLT) or Endovenous Radiofrequency Ablation (EVRA) procedures, like all minimally invasive procedures, can potentially have some slight bruising, which commonly disappears within the first few weeks. You will feel a delayed tightness (or “pulling” sensation) 4-7 days after laser treatment, which is normal and expected following a successful treatment. All surgical procedures involve some element of risk and have the potential for complications. This should be balanced against the risk of complications if your varicose veins remain untreated. Consult your physician for further information.

How successful is the VenaCure EVLT and Radiofrequency Ablation procedures?

Recent clinical data shows closure rates of 98%.

Is loss of this vein a problem?
No. There are many veins in the leg and, after treatment, the blood in the faulty veins will be diverted to normal veins with functional valves. The resulting increase in circulation can significantly relieve symptoms and improve appearance.

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Am I at risk from the laser or radiofrequency?

You will be given a pair of special glasses to wear to protect your eyes; however this is just a precaution against accidental firing of laser energy outside the body.

What are alternative varicose vein treatments?

Surgery (called ‘Ligation & Stripping’) was the traditional treatment, but it can be quite painful and often has a long recovery time. It is performed in a hospital, involves general anesthesia, leaves a scar, and varicose veins can reoccur. Other alternatives include ultrasound-guided sclerotherapy (injection therapy) and Varithena (injection therapy).
How much does laser varicose vein treatment cost?

The Endovenous Laser Ablation (EVLT) system or Endovenous Radiofrequency Ablation EVRT, when medically necessary for relief of symptoms, is commonly reimbursed by most carriers (including Medicare), limiting the cost to the patient. REDI Diagnostics Corp will check your benefits and obtain pre-certification for your procedure.