



Do you experience discomfort and swelling from varicose veins?

If so, you may be suffering from venous reflux disease. More than 30 million people are undiagnosed with varicose veins or CVI (Chronic Venous Insufficiency). Traditionally, patients diagnosed with venous reflux would undergo vein stripping surgery. Now, minimally invasive treatment options are available to patients.



THE ULTIMATE SOLUTION FOR VARICOSE VEINS

FREQUENTLY ASKED QUESTIONS

Q: Is the VeinSculpt procedure painful?

A: Most patients report feeling little, if any, pain during the procedure. Your physician should give you local or regional anesthetic to numb the treatment area.

Q: How quickly can I resume normal activity?

A: Patients treated with the VeinSculpt procedure may resume normal activities more quickly than patients who undergo surgical vein stripping or endovenous ablation. With the VeinSculpt procedure, the average patient typically resumes normal activity within a few days.



Frequently Asked Questions and more at www.veinsculpt.co.za

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Targeted varicose vein solutions, using *ultrasound, laser energy* and *radio frequency catheter* treatments



THE VENOUS SYSTEM ANATOMY

The venous system is made up of a network of veins, including:

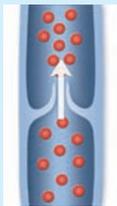
- *Superficial veins* located close to the surface of the skin
- *Deep veins* located deep within the leg
- *Perforated Veins* that connect the superficial veins to the deep veins



UNDERSTANDING VENOUS REFLUX DISEASE

Healthy leg veins contain valves that open and close to assist the return of blood back to the heart. Venous reflux disease develops when the valves that keep blood flowing out of the legs and back to the heart become damaged or diseased. As a result, vein valves will not close properly leading to the symptoms of the disease.

HEALTHY



Healthy valves keep blood flowing in one direction

DISEASED



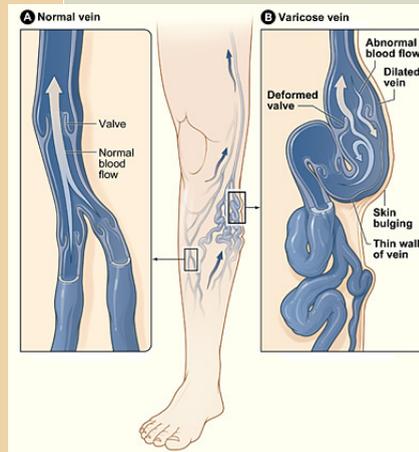
Diseased valves cause blood to move in both directions elevating venous pressure



VENOUS REFLUX DISEASE IS PROGRESSIVE - SYMPTOMS CAN WORSEN OVER TIME IF LEFT UNTREATED

Patients who suffer from venous disease may present symptoms of:

- Varicose Veins
- Restless Legs
- Heaviness and Fatigue
- Leg or Ankle Swelling
- Pain, Aching or Cramping
- Burning or Itching of the Skin
- Skin Changes and Discoloration
- Ulcers



VARICOSE VEINS



SWELLING AND DISCOLORATION



SKIN TEXTURE CHANGES



ULCERS



THE VEINSCULPT PROCEDURE

The VeinSculpt procedure is performed on an outpatient basis. Using ultrasound, your physician will position the catheter into the diseased vein through a small opening in the skin. The tiny catheter, powered by radiofrequency (RF) or laser energy, delivers heat to the vein wall. As the thermal energy is delivered, the vein wall shrinks and the vein is sealed closed. Once done, blood will re-route itself to other healthy veins. Treatment options include:

- 1 ENDOVENOUS LASER/RF ABLATION OF VARICOSE VEINS
- 2 SCLEROTHERAPY (FOAM INJECTIONS)
- 3 TOPICAL LASER THERAPY



Disposable catheter inserted into vein



Vein heats and collapses



Catheter withdrawn, closing vein

VISUAL RESULTS



BEFORE TREATMENT



3 MONTHS LATER

Individual results may vary depending on the severity of the disease and other factors.