

# Experience the VNUS Closure® Procedure

Do you experience discomfort, swelling & varicose veins?

If so, you may be suffering from superficial venous reflux disease.

Approximately 25 million people in the United States suffer from this condition. Traditionally, those diagnosed with venous reflux would undergo vein stripping surgery. Now, you can be treated with the VNUS Closure® procedure - a minimally invasive and more comfortable alternative.

## 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 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 symptoms of:

- Varicose veins
- Pain
- Swelling
- Leg heaviness and fatigue
- Skin changes and ulcers
- Restless legs

## Frequently Asked Questions

**Q:** Is the Closure procedure covered by insurance?

**A:** Most major health insurers cover the Closure procedure. Your physician can discuss your coverage further at the time of the consultation.

**Q:** How do I know what treatment is right for me?

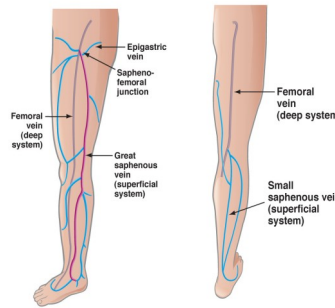
**A:** Whether you are looking for symptomatic relief or cosmetic improvements, there is help at Advanced Vein Center. State-of-the-art treatments are performed by surgeons with experience. Our certified VNUS MD will create a customized plan based on your needs.

## Step 1 Consultation

- Meeting with your treatment provider to determine the severity of your condition by reviewing your medical history, exploring your symptoms, concerns and questions.
- Examination of your legs with a Doppler ultrasound to determine vascular abnormalities.
- Review of your condition and explanation of treatment suggestions
- Review of your insurance coverage and payment options.



## Step 2 Mapping Your Veins

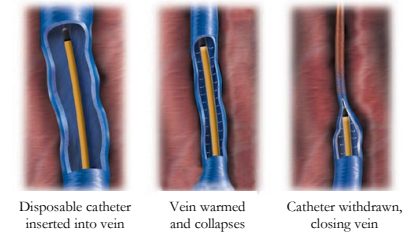


- Mapping out varicose veins includes a more detailed ultrasound called a “venous flow map” to illustrate the path of blood flowing through damaged veins.
- Once the flow map is complete, our specialist will discuss with you the best treatment plan for your specific problems. Most commonly Vnus Closure or VenaSeal, Microphlebectomy, Sclerotherapy injections, or a combination of the four.
- Vnus Closure is a simple in-office treatment that does not require a hospital stay. This procedure is done by inserting a catheter into a vein, heating the vein and sealing it shut. The body will redirect the blood flow naturally to healthy veins. Elevating your feet and wearing a compression stocking are required. May see some bruising.
- After treatment we have cosmetic lasers to remove any remaining spider veins.

## Stage 3 Your Treatment

Vnus Closure® - Radio Frequency Vein Ablation

- From start to finish your entire procedure takes less than 45 minutes in the office with minimal to no pain. The procedures are covered by most insurance plans.
- Under ultrasound guidance a small wire is inserted through the skin. Heat from the wire closes the vein as it is withdrawn. This reroutes the blood to healthy veins and the old vein is absorbed by the body.



## Stage 4 After Your Treatment



- You wear compression stockings for two weeks after the procedure.
- Walking is encouraged but heavy lifting should be limited for a few days after the initial treatment.
- Ice and/or acetaminophen may be taken for discomfort.
- A follow-up ultrasound by Advance Vein Center to determine progress and status of your veins to that point.
- After treatment we have cosmetic lasers to reduce any remaining spider veins.