

The Closure Procedure



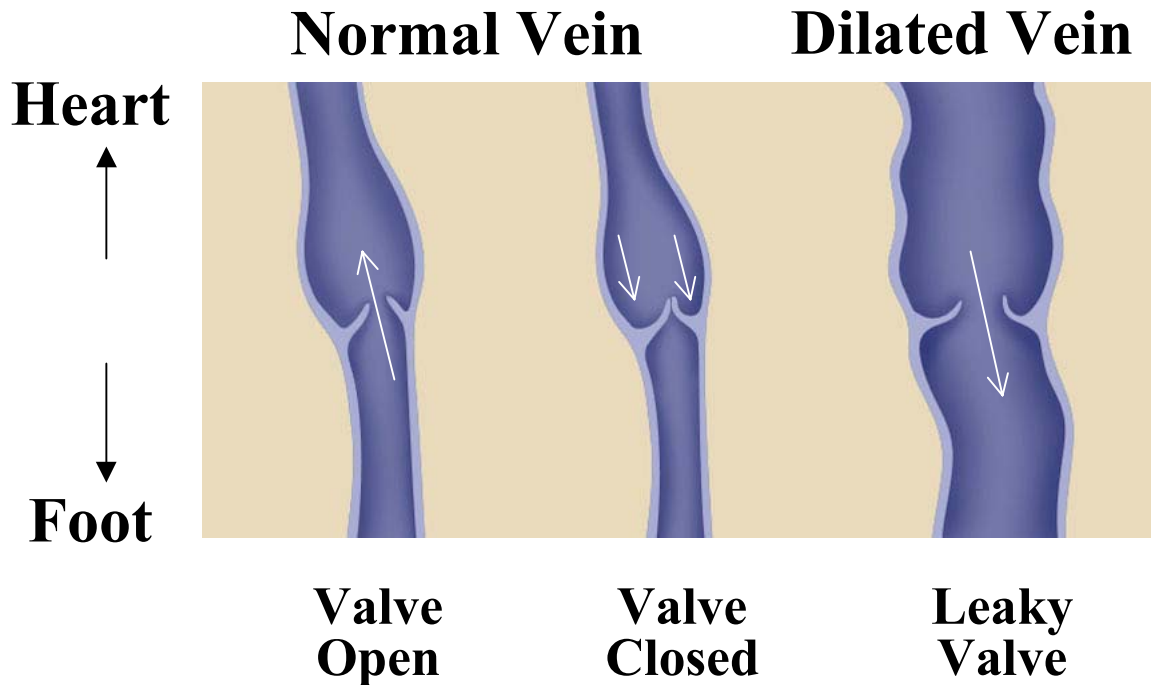
- The VNUS Closure Procedure is a minimally invasive treatment alternative to vein stripping.
- Approximately 25 million Americans suffer from venous reflux.

What is Venous Reflux Disease?



- **Progressive condition caused by poor return of blood from the legs to the heart**
- **Symptoms include:**
 - Pain
 - Varicose veins
 - Leg heaviness & fatigue
 - Swollen limbs
 - Skin changes and skin ulcers
- **Risk factors**
 - Multiple pregnancies
 - Family history
 - Obesity
 - Standing profession

How Venous Reflux Occurs



- Vein valves fail
- Reflux and poor drainage of venous blood result
- Column of blood causes pressure to build up in leg veins
- Increased pressure may cause surface veins to become varicose

The VNUS Closure[®] Solution

A Minimally invasive alternative to vein stripping surgery



Disposable catheter
inserted into vein



Vein warmed
and collapses



Catheter slowly
withdrawn,
closing vein

Highlights of the Closure Procedure



- Relief of symptoms
- Short recovery
- Resume normal activities within 1-2 days
- Same day procedure
- Local or regional anesthesia
- Good cosmetic outcome with minimal to no scars

The Closure Procedure – A treatment that works



<u>Symptoms</u>	<u>Pretreatment</u>	<u>6 weeks</u>	<u>2 Years</u>
Leg Pain	85%	6%	5%
Leg Fatigue	85%	12%	5%
Edema (swelling)	19%	8%	0%

Prior to the Closure procedure, 85% of patients reported leg pain. After the Closure procedure, 94% of patients at 6-weeks and 95% of patients at 2-years, did not report residual leg pain.

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The Closure Procedure With No Adjunctive Phlebectomy*



Courtesy of Robert Merchant, MD

Pre-Tx – Lt. Leg



2 Weeks Post Closure-Lt. Leg

*Individual results may vary

Patient Satisfaction

98% of patients who have undergone the Closure procedure are willing to recommend it to a friend or family member.



Courtesy of Dr. Robert Merchant, MD

Pre-Treatment



Courtesy of Robert Merchant, MD

2 Weeks Post-Closure®

*Individual results may vary

Safety Summary

Indication:

The Closure System is intended for endovascular coagulation of blood vessels in patients with superficial venous reflux.

Contraindications:

Patients with a thrombus in the vein segment to be treated.

Potential Risks & Complications:

Potential complications include, but are not limited to the following: vessel perforation, thrombosis, pulmonary embolism, phlebitis, hematoma, infection, paresthesia, skin burns.