

Frequently Asked Questions

Q: *Is the Closure procedure painful?*

A: Patients report feeling little, if any, pain during and after the procedure.

Q: *How quickly can I resume normal activity?*

A: Patients are walking immediately following the procedure, and patients typically resume normal activities within one day.

Q: *How soon will my symptoms improve?*

A: Many patients notice an immediate relief of symptoms such as pain, leg heaviness and fatigue. The full benefits of the procedure may take 1-2 weeks.

Q: *Is there any scarring, bruising, or swelling after the procedure?*

A: Patients report minimal to no scarring, bruising, or swelling following the Closure procedure.

Q: *How is the Closure procedure different from vein stripping?*

A: During vein stripping, incisions are made in the groin and calf, and a stripper tool is threaded through the diseased vein, to pull the vein out of the leg. With the Closure procedure, only one small puncture is made at the insertion site and the vein is then closed and left in place. This minimally invasive approach eliminates pain and bruising associated with vein stripping surgery.

Q: *What if I need the vein for bypass surgery in the future?*

A: The Closure procedure treats diseased veins only, which are not appropriate for bypass surgery. Physicians can use other healthy vessels should bypass surgery be necessary.

Q: *Is the VNUS 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.

> 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, patients diagnosed with venous reflux would undergo vein stripping surgery. Now, patients can be treated with the Closure® procedure — a minimally invasive alternative to painful vein stripping surgery.

98% of patients who have undergone the Closure procedure are willing to recommend it to a friend or family member.¹

Safety Summary

As with any medical intervention, potential risks and complications exist with the Closure procedure. You should consult your physician to receive further information.

The Closure System is intended for endovascular coagulation of blood vessels in patients with superficial venous reflux. It is contraindicated in patients with thrombus in the vein segment to be treated.

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

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References:

¹ Weiss, R, et al. Controlled radiofrequency endovenous occlusion using a unique radiofrequency catheter under duplex guidance to eliminate saphenous varicose vein reflux: A 2-year follow-up. *Dermatology Surgery* 2002; 38:42.

² Lurie F, Creton D, Eklof B, Kabnick LS, Klistner RL, Pichot O, et al. Prospective randomized study of endovenous radiofrequency obliteration (Closure) versus ligation and stripping in a selected patient population (EVOLVE study). *J Vasc Surg* 2003;38:207-14.

³ Lurie F, et al. EVOLVE 2-year results. Presentation at the XVII annual meeting of European Society for Vascular Surgery, Dublin, Sep 5-7, 2003.

⁴ Data on file – VNUS Medical Technologies, Inc.

⁵ Photos courtesy of Michael A. Vasquez, MD, F.A.C.S.

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PROCEDURE

> **Finally.**
*A solution to leg pain
and varicose veins*

