Frequently Asked Questions

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

Q: How quickly can I resume normal activity?
A: Patients treated with the ClosureFast procedure may resume normal activities more quickly than patients who undergo surgical vein stripping or laser ablation. With the ClosureFast procedure, the average patient typically resumes normal activities within a few days. For a few weeks following the treatment, your vein specialist may recommend a regular walking regimen and suggest you refrain from very strenuous activities (heavy lifting, for example) or prolonged periods of standing.

Q: How soon after treatment will my symptoms improve?
A: Most patients report a noticeable improvement in their symptoms within one to two weeks following the procedure.

Q: Is there any scarring, bruising, or swelling after the procedure?
A: Most patients report limited to no scarring, bruising, or swelling following the ClosureFast procedure using the ClosureFast™ catheter.

Q: How is the ClosureFast procedure different from endovenous laser?
A: Although the ClosureFast procedure and 980 nm endovenous laser ablation are both minimally invasive procedures, a comparative, multicenter study showed that the ClosureFast procedure was associated with statistically significant lower rates of pain, bruising, and complications. Patients undergoing the ClosureFast procedure also reported improvements in quality of life measures up to four times faster than patients treated with 980 nm endovenous laser ablation.

Q: How is the ClosureFast procedure different from vein stripping?
A: During vein stripping, incisions are made in the groin and calf, and a tool is threaded through the diseased vein to pull the vein out of the leg. With the ClosureFast procedure, only one small incision is made at the insertion site and the vein is then treated and left in place. This minimally invasive approach reduces the likelihood of pain and bruising associated with vein stripping surgery.

References:
1. Statistics based on individuals over the age of 40
THE VENOUS SYSTEM ANATOMY

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

- Superficial veins - veins located close to the surface of the skin
- Deep veins - larger veins located deep in the leg
- Perforator veins - veins that connect the superficial veins to the deep veins

The ClosureFast procedure treats venous reflux in the superficial venous system, often the underlying cause of painful varicose veins.

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 no longer function, causing the blood to pool in the legs, and leading to these signs and symptoms:

- Varicose veins
- Leg or ankle swelling
- Leg heaviness and fatigue
- Leg pain, aching or cramping

Venous reflex disease is a progressive medical condition and if left untreated, may worsen over time and develop into a more serious form of venous disease called chronic venous insufficiency (CVI).

The ClosureFast 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 small catheter delivers heat to the vein wall, causing it to shrink and the vein to seal closed. Once the diseased vein is closed, blood will reroute itself to other healthy veins.

Studies have shown:

- Relief of symptoms after two days
- Less pain than laser - a procedure with local or general anesthesia
- Proven results with positive patient outcomes and experience
- Rapid recovery - on average patients resume normal activities within a few days

Following the procedure, a simple bandage is placed over the insertion site, and additional compression may be provided to aid healing. Your doctor may encourage you to walk, and to refrain from extended standing and strenuous activities for a period of time. The average patient typically resumes normal activities within a few days.

Are you suffering from venous reflux disease?

Many factors contribute to the presence of venous reflux, including:

- Age
- Gender
- Family history
- Heavy lifting
- Multiple pregnancies
- Obesity
- Prolonged standing

Using ultrasound to scan your leg(s), your physician will determine if venous reflux is present.

See what the ClosureFast procedure can do for you.