

Relief is just the beginning.

Learn more at:

Medtronic.com/VaricoseVeins

# SEE AND FEEL A DIFFERENCE IN YOUR LEGS.

## REFERENCES

- <sup>1</sup> Johns Hopkins Medicine Health Conditions and Diseases. Available at: <https://www.hopkinsmedicine.org/health/conditions-and-diseases/chronic-venous-insufficiency>. Accessed May 11, 2020.
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- <sup>4</sup> Almeida JJ, Kaufman J, Göckeritz O, et al. Radiofrequency endovenous ClosureFAST versus laser ablation for the treatment of great saphenous reflux: A multicenter, single-blinded, randomized study (RECOVERY Study). *J Vasc Interv Radiol*. June 2009;20(6):752-759.
- <sup>5</sup> Proebstle TM, Alm BJ, Göckeritz O, et al. Five-year results from the prospective European multicentre cohort study on radiofrequency segmental thermal ablation for incompetent great saphenous veins. *Br J Surg*. February 2015;102(3):212-218.
- <sup>6</sup> Rasmussen LH, Lawaetz M, Bjoern L, Vennits B, Blemings A, Eklof B. Randomized clinical trial comparing endovenous laser ablation, radiofrequency ablation, foam sclerotherapy and surgical stripping for great saphenous varicose veins. *Br J Surg*. August 2011;98(8):1079-1087.
- <sup>7</sup> Hinchliffe RJ, Ubhi J, Beech A, Ellison J, Braithwaite BD. A prospective randomised controlled trial of VNUS closure versus surgery for the treatment of recurrent long saphenous varicose veins. *Eur J Vasc Endovasc Surg*. February 2006;31(2):212-218.

## ClosureFast™ RFA System Reference Statement

**Important:** Please reference the Instructions For Use (IFU) for a complete listing of indications, contraindications, warnings and precautions, adverse effects and suggested procedure.

**Caution:** Federal (USA) law restricts these devices to sale by or on the order of a physician.

## ClosureFast™ Procedure for Varicose Veins

Relief from varicose  
veins is possible



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# DISCOVER YOU AGAIN

Get back to doing  
what you love.

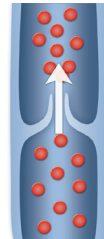
## UNDERSTANDING THE CAUSE

### CVI Risk Factors<sup>1</sup>

- Family history
- Leg injury or trauma
- Obesity or excess weight
- Smoking
- Lack of exercise
- Prolonged sitting or standing
- Current or previous pregnancies

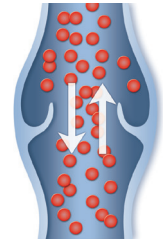
### About Venous Reflux

Healthy leg veins have valves that keep blood flowing to the heart.



#### NORMAL VEIN

Valves ensure blood flows in one direction



#### DISEASED VEIN

Valves that cannot close allow blood to drain and pool

**Venous Reflux** develops when the valves stop working properly and allow blood to flow backward (i.e., reflux) and pool in the lower leg veins.

### Chronic Venous Insufficiency

If venous reflux is left untreated, it may worsen over time and develop into a more serious form of venous disease called **chronic venous insufficiency (CVI)**.<sup>2</sup>



# CVI SIGNS & SYMPTOMS IN THE LEGS OR ANKLES<sup>1,3</sup>

- Varicose veins
- Aching or pain
- Swelling
- Cramping
- Heaviness or tiredness
- Itching
- Restlessness
- Skin changes and/or discoloration
- Open sores or ulcers

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

Chronic venous insufficiency (CVI) and varicose veins are more common than you think. More than 30 million people in the United States are afflicted with venous reflux or the more serious disease, CVI.<sup>3</sup>

With proper treatment, the progressive symptoms of venous reflux are preventable.

Without treatment, signs and symptoms may progress and significantly impact quality of life, and lead to venous leg ulcers.<sup>2</sup>

## DISCOVER LASTING RELIEF

### ClosureFast™ Procedure

#### Thermal Vein Closure

The **ClosureFast procedure** uses radiofrequency energy or heat to close the diseased vein, which redirects blood flow to healthy veins, relieving symptoms.

- Relief of symptoms after two days with a noticeable improvement in one to two weeks.<sup>4</sup>
- Minimally invasive outpatient procedure.
- Local anesthesia along various points of the leg.
- Less pain and bruising than laser treatment.<sup>4</sup>
- Faster recovery time than laser treatment.<sup>4</sup>
- Compression stockings needed for at least one week after procedure.<sup>5</sup>
- Proven results with positive patient outcomes and experience.<sup>4-6</sup>
- Rapid recovery — on average, patients resume normal activities within a few days.<sup>7</sup>

**BEFORE**  
ClosureFast procedure



**6 WEEKS AFTER**  
ClosureFast procedure\*



\*Individual results may vary.

Images courtesy of Jonathan Calure, M.D., of Maryland Vein Professionals.

# ANSWERS TO SOME COMMON QUESTIONS.

What can I expect of the ClosureFast procedure?

## Is the ClosureFast procedure painful?

Most patients report feeling little, if any, pain during the ClosureFast procedure.<sup>4</sup> Your physician should give you a local or regional anesthetic to numb the treatment area.

## How quickly can I resume normal activity?

Patients treated with the ClosureFast procedure may resume normal activities quicker than patients who undergo surgical vein stripping or laser ablation.<sup>4</sup> With the ClosureFast procedure, the average patient typically resumes normal activities within a few days.<sup>7</sup> 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.

## How soon after treatment will my symptoms improve?

Most patients report relief of symptoms after two days with a noticeable improvement in one to two weeks.<sup>4</sup>

## Is there any scarring, bruising, or swelling after the procedure?

Most patients report limited to no scarring, bruising, or swelling following the ClosureFast procedure using the ClosureFast catheter.<sup>4</sup>

## Is the ClosureFast procedure covered by insurance?

Many insurance companies pay for the ClosureFast procedure in part or in full. The ClosureFast procedure has coverage policies with major health insurers. Please discuss your coverage with your insurance provider prior to seeking treatment.

### If you're ready to see and feel a difference in your legs and have more questions:

- Talk to your doctor to learn more about the ClosureFast procedure.
- Find a doctor at: [Medtronic.com/FindVeinDoctor](https://www.medtronic.com/FindVeinDoctor)
- Learn more at: [Medtronic.com/VaricoseVeins](https://www.Medtronic.com/VaricoseVeins)

