

Find Relief

Talk to your physician to learn more about your chronic vein disease treatment options.



Frequently Asked Questions

What can I expect from my procedure with the Venclose™ RF Ablation Catheter?

Venclose™ RF Ablation Catheter is a minimally invasive device that uses radiofrequency (RF) technology, which has been established as a treatment option for refluxing veins for more than 20 years. RF ablation technology can potentially reduce post-operative pain and bruising in patients compared to vein stripping or laser therapy treatment.⁴

How quickly can I resume normal activity?

While individual results may vary, patients can typically resume normal activities within a few days of an RF ablation procedure.⁵ Please consult with your physician prior to resuming normal activities.

How is the Venclose™ RF Ablation Catheter different from other vein procedures?

While some vein catheters can be reprocessed more than once and used on different patients, Venclose™ RF Ablation Catheter is a single-use device. Additionally, the Venclose™ RF Ablation Catheter is a minimally invasive, thermal treatment option and not a permanent implant. Ask your physician about what treatment options may be best for you.

Will my procedure using the Venclose™ RF Ablation Catheter be covered by insurance?

Generally, health insurers provide coverage for thermal ablation venous procedures. Insurance providers typically require certain preauthorization steps. It is important to review the requirements with your physician and insurance provider prior to treatment.

- 1 Eberhardt RT, Raffetto JD. Chronic venous insufficiency. *Circulation*. July 22, 2014;130(4):333-346.
- 2 Gloviczki P, et al. The care of patients with varicose veins and associated chronic venous diseases: clinical practice guidelines of the Society for Vascular Surgery and the American Venous Forum. *J Vasc Surg*. 2011 May;53(5 Suppl):25-48S.
- 3 Varicose Vein Treatment Devices – United States – 2019
- 4 https://journals.lww.com/dermatologicsurgery/Abstract/2011/05000/Review_of_Endovenous_Thermal_Ablation_of_the_Great.11.aspx
- 5 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.

Venclose™ RF Ablation Catheter

Indications for use: The Venclose EVSRF catheter is intended for endovascular coagulation of blood vessels in patients with superficial vein reflux.

Contraindications: Thrombus in the vein section to be treated. When in the judgment of the physician heat energy delivery would be contrary to the best interest of the patient. Potential impact to active implanted medical devices located nearby the intended treatment location in the lower limbs has not been evaluated. It is recommended not to coil the EVSRF connector cable directly above active implanted medical devices. The Venclose system is not intended to be used with magnetic resonance imaging. The Venclose system has not been evaluated in children or infants. It is not recommended to use the Venclose system in non-refluxing veins or in veins smaller than 2 mm in diameter.

Warnings: Thermal treatment of the vein may damage adjacent sensory or motor nerves. Risk of damage is greater near the calf or if no local anesthetic is used around the treated vein. Treatment of a vein section closer than 1 cm to the skin may result in a skin burn. Direct external compression may reduce the distance between the vein and skin. Care should be taken to preserve adequate blood circulation, especially for patients with documented peripheral arterial disease. Catheter is for single patient use only. A contaminated catheter may lead to illness or death of the patient. Cleaning damage to the catheter may lead to ineffective treatment or injury. Venclose will not be responsible for any direct, indirect, incidental or consequential damages or expenses resulting from reuse of the catheter.

Please consult product labels and instructions for the use of indications, contraindications, hazards, warnings, and precautions.

CE
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BD Switzerland Sarl, Terre Bonne Park – A4, Route De Crassier, 17, 1262 Eysins, Vaud, Switzerland.

Tel: +41 21 556 30 00. Fax: +41 44 722 5370

bd.com

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Help restore your leg health

Vein disease treatment

Venclose™
RF Ablation Catheter



Chronic Venous Disease (CVD)

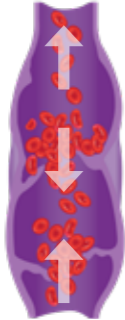
Healthy leg veins contain valves that open and close to assist the return of blood to the heart. Sometimes, the valves become damaged or diseased and can no longer close properly. As a result, blood can leak back through the valve and pool in the lower leg veins. This can lead to chronic venous disease (CVD).¹

Healthy Valves



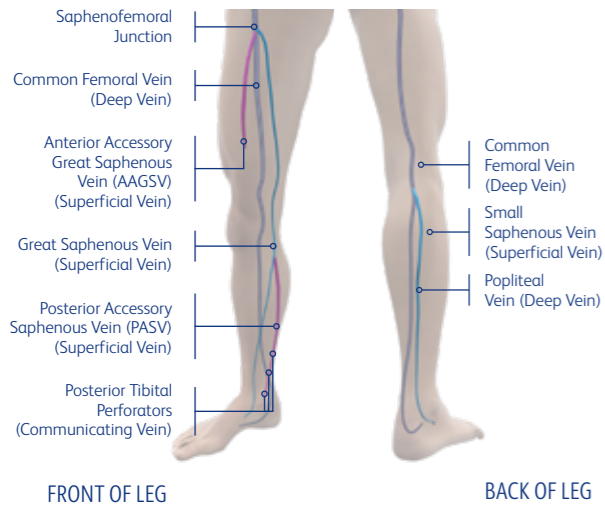
Blood moves in one direction - up the legs to the heart

Diseased Valves



Blood leaks back through the diseased valves

Venous Anatomy



Risk Factors & Symptoms of CVD

In the United States, more than 30 million adults have CVD.² Many factors contribute to CVD, including:¹

- Family history of CVD
- Obesity
- Age over 50
- Smoking
- Multiple pregnancies
- Long periods of standing or sitting

Common signs and symptoms in the lower legs include:²

- Varicose veins or spider veins
- Restlessness or cramping
- Heaviness, aching, tightness or fatigue
- Numbness or itching
- Discomfort, pain or swelling
- Skin texture or color changes
- Ulcer or wound

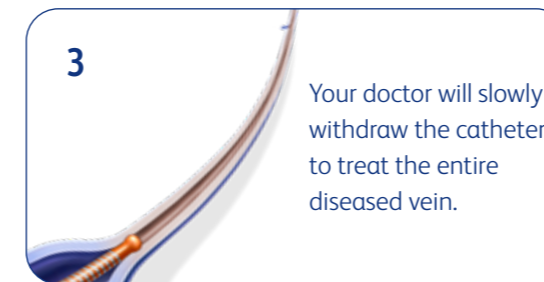
Without treatment, signs and symptoms may worsen. CVD can develop into a more serious form of vein disease called chronic venous insufficiency (CVI) that includes leg swelling, skin changes and in severe cases, ulcerations.¹



Treatment with the Venclose™ RF Ablation Catheter

The Venclose™ System leverages radiofrequency (RF) technology that's been established as a CVD treatment option for more than 20 years.

- Minimally invasive, outpatient procedure
- Small catheter entry site
- Primary treatment choice for physicians



Vein Procedure Results Using the Venclose™ RF Ablation Catheter

While various treatments are available for CVD, RF ablation has wide acceptance and is the predominant approach used for the treatment of malfunctioning valves in the U.S.³

Before Treatment



After Treatment



Individual treatment results may vary. Images courtesy of Matthew Wise, MD, Advanced Vein Center, Orange, CA

More than 200,000 patients have been treated with the Venclose™ RF Ablation Catheter

Venclose™
RF Ablation Catheter