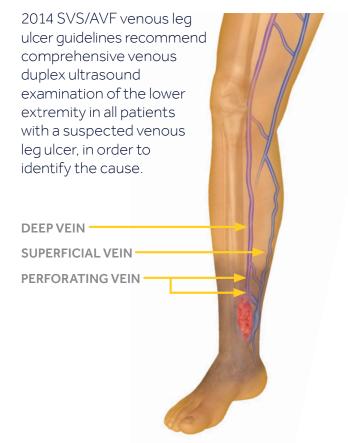
#### **IDENTIFYING VENOUS LEG ULCERS**

#### **ADVANCING FROM WOUND CARE TO WOUND HEALING**

Venous leg ulcers can be caused by chronic venous insufficiency (CVI).1 This can be caused by reflux in any of the venous systems - whether superficial, perforator, or deep - when the valves of the veins have failed or the vein has become obstructed<sup>2</sup>



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- 2. Sufian S, Lakhanpal S, Marquez J, et al. Superficial vein ablation for the treatment of primary chronic venous ulcers. Phlebology 2011; 26: 301-6.
- 3. SVS/AVF guidelines (need the original reference)
- 4. Harlander-Locke M, Lawrence P, Alktaifi A, Jimenez J, Rigberg D. DeRubertis B, et al. The im-pact of ablation of incompetent superficial and perforator veins on ulcer healing rates. Journal of Vas-cular Surgery Feb. 2012; 55(2): 458-64.
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- 6. Proebstle TM, Alm BJ, Gockeritz O, et al. Five-year results from the prospective European multicentre cohort study on radiofrequency segmental thermal ablation for incompetent great saphenous veins. British Journal of Surgery. 2015;102:212-8.
- 7. Proebstle T, Alm J, Gockeritz O, et al. Three year European follow-up endovenous radiofrequency thermal ablation of the great saphenous vein with or without treatment of calf varicosities. J Vasc Surg.

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Treating patients with **venous ulcers** is not easy. You want to provide not only the best care possible-but also a chance for your patients to heal and live without the pain of these wounds.

Early intervention is key.



<sup>\*</sup> Data on file † For 7 cm RF catheter

## THE BENEFIT OF EARLY INTERVENTION

# ABLATION A PROVEN SOLUTION FOR PATIENTS WITH LOWER EXTREMITY ULCERS

### The ClosureFast<sup>™</sup> Procedure

Making sure your patients with leg ulcers receive early intervention and treatment may give them the potential to heal.

Venous ulcers cause pain, disability, and embarrassment for patients.<sup>1</sup> Yet there is a minimally invasive treatment option available that can provide healing for these patients.

With early intervention – beyond standard compression therapy alone – patients can experience improvements in their mobility, pain, and quality of life and even relief from leg ulcers permanently. <sup>2.4</sup>



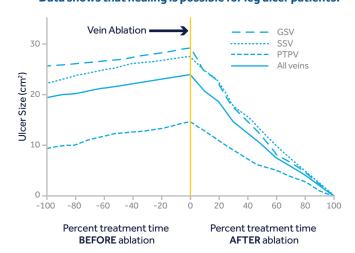
BEFORE treatment

AFTER treatment

2014 SVS/AVF venous leg ulcer guidelines recommend and suggest ablation of the incompetent veins in addition to standard compression therapy to prevent recurrence and improve ulcer healing.

Ablation – using controlled heat to close off the abnormal vein – is the standard of care for patients with venous leg ulcers.<sup>3</sup> The procedure is minimally invasive, eliminating the need for surgery and allowing patients to quickly resume normal activity.<sup>5</sup>

#### Data shows that healing is possible for leg ulcer patients.



Six-month patient follow-up demonstrates a significant change in ulcer size and healing rate from pre-to post-ablation. Early intervention and treatment with compression and ablation can significantly improve quality of life for patients with this condition.

The ClosureFast™ procedure, offered by Medtronic, uses radiofrequency to precisely and effectively treat patients suffering from chronic venous insufficiency.<sup>6</sup> Five-year trial results demonstrated a 91.9% occlusion rate, and a 94.9% reflux-free rate with the ClosureFast™ catheter.<sup>6,7†</sup>

Studies show that the ClosureFast procedure is associated with lower rates of pain, bruising and complications and a faster improvement in patients' quality of life when compared to 980 nm laser ablation.<sup>5</sup>



Compression therapy alone only treats the symptoms of venous ulcers, which can lead to ulcer recurrence. However, compression therapy in conjunction with ablation is a proven treatment option that provides measurable and significant reduction in ulcer size and results in ultimate healing.