



# DESIGNED WITH PURPOSE

The VenaSeal™ closure system enables you to treat to the lowest point of reflux without sacrificing clinical standards or risking thermal nerve injury.<sup>1</sup>

## Tool Choice Matters.



- The heat generated by traditional thermal catheters to ablate diseased veins can injure adjacent anatomy.
- Nerve injury can lead to paresthesia, numbness and sensory disturbance.<sup>2</sup>

## Location Matters.



- Due to proximity to the GSV or SSV, the saphenous and sural nerves are vulnerable to thermal nerve injury.<sup>2</sup>
- Venous anatomy and nerve location are highly patient-dependent, which could be technically challenging for nerve protection.<sup>2,3</sup>

## Why choose the VenaSeal™ closure system?

### Immediate closure

Immediate vein closure delivering consistent and reproducible results without the need for post-procedure compression stockings\*.<sup>4,5</sup>

### A comfortable procedure

A non-thermal, non-tumescent, non-sclerosant treatment with multiple patient benefits – such as minimized needle sticks and freedom from compression stockings\*.<sup>4,5</sup>

### Results you have come to expect

A safe and effective treatment option that delivers 94.4%<sup>6</sup> closure rate at 3 years for patients suffering from venous reflux disease



#### REFERENCES:

1. Morrison N, Gibson K, McEnroe S, Goldman M, King t, Weiss R, Cher D, Jones A. Randomized trial comparing cyanoacrylate embolization and radiofrequency ablation for incompetent great saphenous veins (VeClose). *Journal of Vascular Surgery*. 2015;61(4):985–994.
2. Shahid KR, Dellon AL, Amrami KK, Spinner RJ. Sciatic and peroneal nerve injuries after endovascular ablation of lower extremity varicosities: case reports and review of the literature. *Annals of plastic surgery*. 74(1):64-8. 2015
3. Hirsch T. Varicose vein therapy and nerve lesions. *VASA. Zeitschrift für Gefasskrankheiten*. 46(2):96-100. 2017
4. Proebstle TM. The European Multicenter Study on Cyanoacrylate Embolization of Refluxing Great Saphenous Veins without Tumescant Anesthesia and without Compression Therapy. Results presented at: Charing Cross; 2016; London, UK.
5. Almeida JI, Jacier JJ, Mackay EG, Bautista C, Cher DJ and Proebstle TM. Thirty-sixth-month follow-up of first-in-human use of cyanoacrylate adhesive for treatment of saphenous vein incompetence. *Journal of Vascular Surgery: Venous and Lymphatic Disorders*. 2017. Published Online: 2 June 2017.
6. Morrison, N. VenaSeal Closure System vs. Radiofrequency Ablation for Incompetent Great Saphenous Veins (VeClose). 36 Month Results presented at: IVC; April 20, 2017; Miami, FL.

\*Some patients may benefit from the use of compression stockings post procedure.

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

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