

# Medtronic

## Chronic venous insufficiency

### A clinical challenge

CVI is a progressive condition – if left untreated, symptoms will likely worsen.<sup>1</sup>



30M people with CVI<sup>†2</sup>

> 2 million in the United States seek treatment each year.<sup>†1,2</sup>

< 500,000 treated<sup>†1,2</sup>

190M+

people worldwide are affected by chronic venous insufficiency (CVI).<sup>2</sup>

30M+

people in the United States have varicose veins and CVI.<sup>†1</sup>

70-90%

of all lower-extremity ulcers are venous.<sup>3,4</sup>



Learn more  
about CVI



<sup>†</sup>Statistics based on individuals over the age of 40.

# CVI symptoms

## Visible symptoms across the CEAP class continuum

Refer patients to a vein specialist – so they can get the treatment they need, sooner.



Varicose veins



Leg swelling



Skin color and texture change



Venous ulcers

## Hidden symptoms of CVI

CVI symptoms aren't just cosmetic.

- Aching or pain
- Swelling

- Itching
- Restlessness

- Heaviness or tiredness

## The impact of CVI

**1.5x** more prevalent than coronary heart disease (CHD).<sup>5,6</sup>

**\$150M to \$1B** spent in the U.S. for CVI treatment each year.<sup>7</sup>

**2x** more prevalent than peripheral arterial disease (PAD).<sup>5,6</sup>

**\$15B** Cost of venous leg ulcers in the United States each year.<sup>4</sup>

### References

<sup>1</sup> Eberhardt RT, Raffetto JD. Chronic venous insufficiency. *Circulation*. May 10, 2005;111(18):2398-2409.

<sup>2</sup> Strategic Market Assessment: Chronic Venous Insufficiency. Dymedex Consulting, LLC. November 2014.

<sup>3</sup> O'Donnell TF Jr, Passman MA, Marston WA, et al. Management of venous leg ulcers: Clinical Practice Guidelines of the Society for Vascular Surgery® and the American Venous Forum. *J Vasc Surg*. August 2014;60(2 Suppl):3S-59S.

<sup>4</sup> Rice JB, Desai U, Cummings AK, Birnbaum HG, Skornicki M, Parsons N. Burden of venous leg ulcers in the United States. *J Med Econ*. May 2014;17(5):347-356.

<sup>5</sup> Yeldan I, Gürdal SK, Tosun GA, Mustafaoğlu R, Ozalhas T, Alpagut IU. The relationship between clinical severity and outcome measures in patients with chronic venous insufficiency with or without leg ulcer. *J Tissue Viability*. August 2021;3(30):310-316.

<sup>6</sup> Kim Y, Png CYM, Sumpio BJ, DeCarlo CS, Dua A. Defining the human and health care costs of chronic venous insufficiency. *Semin Vasc Surg*. March 2021;34(1):59-64.

<sup>7</sup> Treatment of Chronic Venous Insufficiency. *Venous Solutions*. Available at: [https://evtoday.com/pdfs/supp\\_1011\\_5.pdf](https://evtoday.com/pdfs/supp_1011_5.pdf). Accessed on January 18, 2024.