

**SIMPLICITY  
FOR YOU.  
DURABILITY  
FOR THEM.**

**Abre™**

Venous Self-expanding Stent System



**Medtronic**



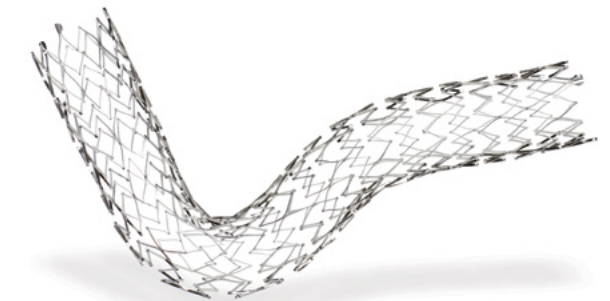
# SIMPLICITY FOR YOU.



## EASY DEPLOYMENT, TO LET YOU FOCUS ON YOUR PATIENT.<sup>1,2</sup>

The Abre stent minimizes jumping and foreshortening, landing precisely where you need it.<sup>2</sup>

- Triaxial shaft design controls friction and stabilizes stent.<sup>2</sup>
- Rotating thumbwheel offers predictable placement and auditory feedback.<sup>2</sup>





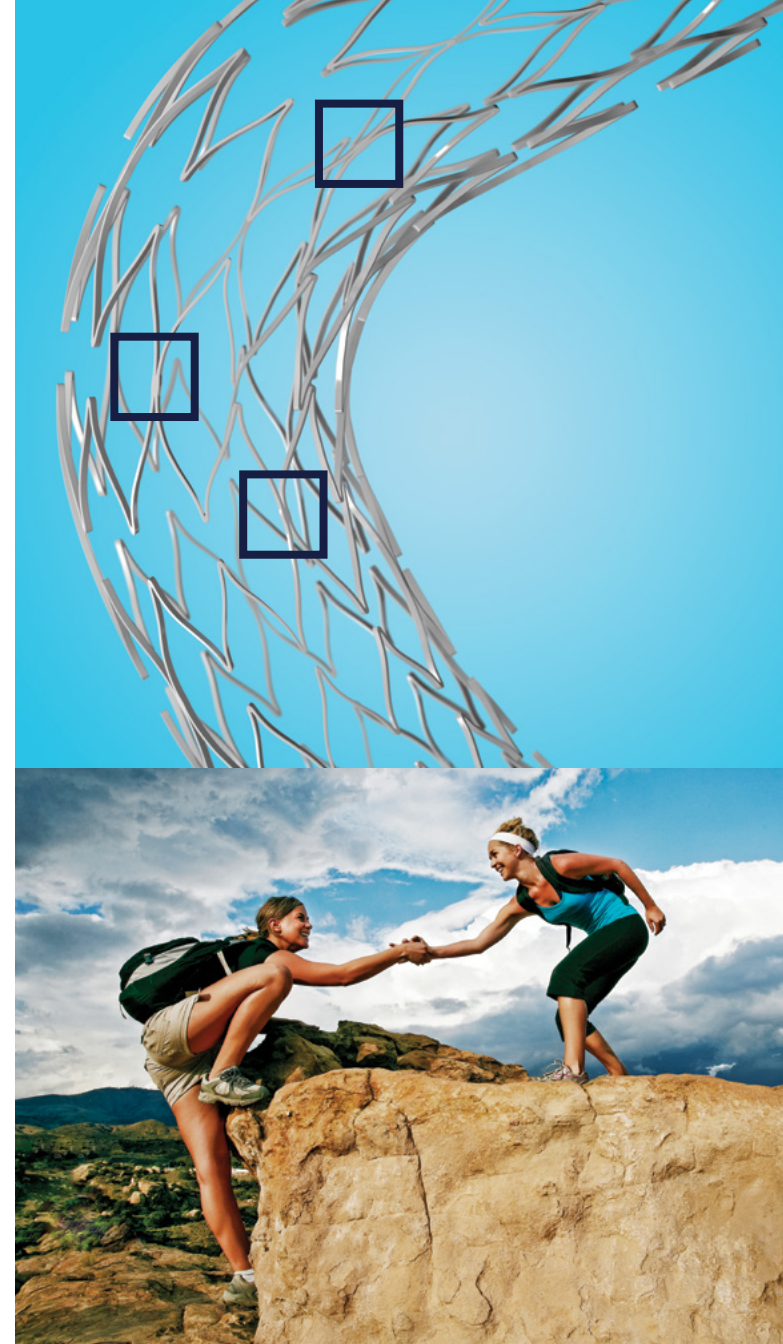
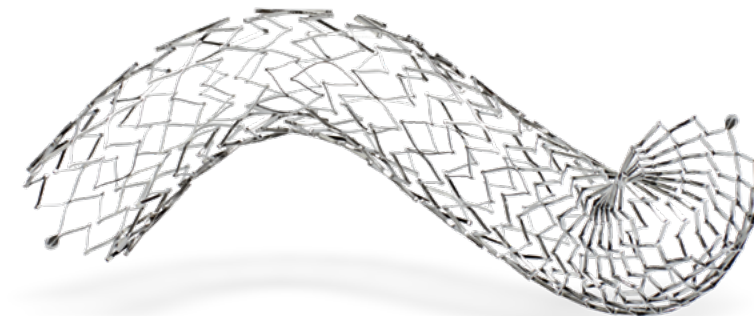
# DURABILITY FOR THEM.



## DEMONSTRATED ENDURANCE, TO GIVE YOUR PATIENTS FREEDOM OF MOVEMENT.<sup>1,2</sup>

The nitinol Abre stent maintains lumen integrity and flow in diverse patients and anatomies.<sup>1</sup> It ensures radial strength and crush resistance, without compromising flexibility.<sup>2</sup>

- Unique technology:
  - Open-cell design with three offset connection points
  - Struts customized to each size
- Consistent behavior across a broad range of diameters and lengths.<sup>2</sup>





Bench evidence shows  
long-term durability.<sup>2</sup>

Clinical evidence shows  
real-world dependability,  
even in challenging cases.<sup>1</sup>

0%  
fracture rate at  
**50**  
years  
in bench testing<sup>2</sup>

0% fracture rate  
in clinical trial with  
**44%**  
of stents extending below  
inguinal ligament into the  
common femoral vein (CFV)<sup>1</sup>

**0%**  
migration rate  
in clinical trial<sup>1</sup>



# AB9U10040090

Product Code Diameter Length

Stent Diameters	Stent Lengths and Product Numbers					
	40 mm	60 mm	80 mm	100 mm	120 mm	150 mm
10 mm	AB9U10040090	AB9U10060090	AB9U10080090	AB9U10100090	AB9U10120090	AB9U10150090
12 mm	-	AB9U12060090	AB9U12080090	AB9U12100090	AB9U12120090	AB9U12150090
14 mm	-	AB9U14060090	AB9U14080090	AB9U14100090	AB9U14120090	AB9U14150090
16 mm	-	AB9U16060090	AB9U16080090	AB9U16100090	AB9U16120090	AB9U16150090
18 mm	-	AB9U18060090	AB9U18080090	AB9U18100090	AB9U18120090	AB9U18150090
20 mm	-	AB9U20060090	AB9U20080090	AB9U20100090	AB9U20120090	AB9U20150090



## References

<sup>1</sup> ABRE CSR v1.2 30/JUL/2020.

<sup>2</sup> Test data on file at Medtronic. Bench test results may not be indicative of clinical performance.

## Brief Statement

**Intended Use/Indications:** The Abre™ venous self-expanding stent system (Abre™ stent system) is indicated for use in the iliofemoral veins for the treatment of symptomatic venous outflow obstruction.

**Contraindications:** Do not use the Abre™ stent system with patients with known hypersensitivity to nickel titanium (nitinol), with patients who are judged to have a lesion that prevents complete inflation of a balloon dilatation catheter or proper placement of the stent or the stent delivery system, and with patients in whom anticoagulant or antiplatelet therapy is contraindicated.

**Potential Adverse Effects of the Device on Health:** The potential adverse effects (e.g., complications) associated with the use of the Abre™ stent system include, but are not limited to, access failure, access site infection, allergic reaction to contrast medium or procedure medications; aneurysm; AV fistula; bleeding; bruising; death; device breakage; device

maldeployment; edema; embolization; fever; hematoma; hypertension; hypotension, nausea, or other vasovagal response; infection; myocardial infarction, arrhythmia, or other cardiovascular insufficiency; open surgical repair; pain; pseudoaneurysm; renal insufficiency or renal failure (new or worsening); respiratory distress or pulmonary embolism; sepsis; stent fracture; stent malapposition; stent malposition; stent migration; stroke, paradoxical embolism, transient ischemic attack, or intracerebral hemorrhage; tissue necrosis; venous occlusion, restenosis, or thrombosis, within or outside of stented segment; and vessel damage, including intimal injury, dissection, perforation, or rupture.

Warnings, precautions, and instructions for use can be found in the product labeling at <http://manuals.medtronic.com>.

**CAUTION:** Federal (USA) law restricts this device to sale by or on the order of a physician.

[medtronic.com/abrestent](http://medtronic.com/abrestent)

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