SIMPLICITY FOR YOU.
DURABILITY FOR THEM.

Abre™
Venous Self-expanding Stent System
SIMPLICITY FOR YOU.
EASY DEPLOYMENT, TO LET YOU FOCUS ON YOUR PATIENT.¹,²

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

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

Isolation sheath
Hemostatic valve
Introducer sheath
Retractable sheath
Inner shaft
DURABILITY FOR THEM.
DEMONSTRATED ENDURANCE, TO GIVE YOUR PATIENTS FREEDOM OF MOVEMENT.¹²

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

- 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.²
Bench evidence shows long-term durability.\(^2\)

Clinical evidence shows real-world dependability, even in challenging cases.\(^1\)

0% fracture rate at 50 years in bench testing\(^2\)

0% fracture rate in clinical trial with 44% of stents extending below inguinal ligament into the common femoral vein (CFV)\(^1\)

0% migration rate in clinical trial\(^1\)
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.

References
1 ABRE CSR v1.2 30/ JUL/2020.
2 Test data on file at Medtronic. Bench test results may not be indicative of clinical performance.

Brief Statement
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