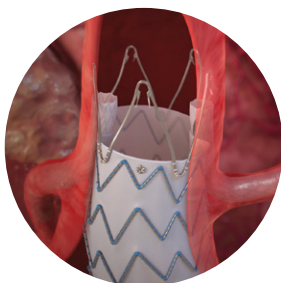


Medtronic

EnChEVAR

Elevating ChEVAR
therapy



**EnChEVAR with
Endurant™ II/IIIs stent
graft system + Radiant™
balloon-expandable
covered stent**

Indicated. Tested. Proven.^{1,2}

Preparing for the case

Recommended ancillary equipment†:

Soft wire for easy access to renal arteries

- .035" soft Terumo GLIDEWIRE™ hydrophilic-coated guidewire

Renal wire balanced between stiffness and flexibility; atraumatic short tip

- Cook Rosen™ wire guide

7 F sheath, 90 cm length with atraumatic tip for renal entry

- Medtronic TourGuide™ steerable sheath 7 F, 90 cm
- Cook Flexor™ Shuttle™ guiding sheath, Terumo Destination™ guiding sheath

Shorter 16 F sheath or larger may be used for access during a two-chimney case

Catheter – 5 F, minimum length of 110 cm to 125 cm

Must be able to pass through and extend beyond 90 cm sheath; variety of angles to support renal cannulation; vertebral multipurpose

Balloons

- Medtronic Reliant™ stent graft balloon catheter to achieve good conformability of the Medtronic Endurant II/IIs stent graft system with the aortic wall and the renal stents
- Medtronic Admiral Xtreme™ PTA balloon catheter OTW .035" assist in access to renal (4 mm x 40 mm)

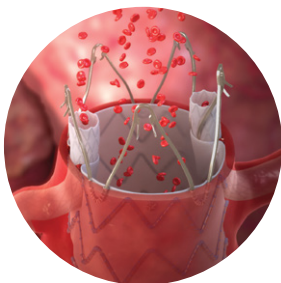
Inflation devices

- 20 cc syringe
- 20 cc inflation device equipped with manometer



† Courtesy of K. Donas.

Indicated.



EnChEVAR: Endurant II/II_s system + Radiant stent offers the only on-label and CE-marked solution for ChEVAR.

**Indicated for patients with
≥ 2 mm neck length and
≤ 60° infrarenal angle**

**You give everything.
So do we.**

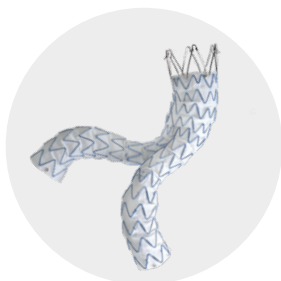
Medtronic is the only company investing the time and resources to optimise ChEVAR outcomes for juxtarenal AAA patients.

Tested.



EnChEVAR with Endurant II/IIIs system + Radiant stent

- Combination is specifically tested for ChEVAR¹
- Provides the smallest mean gutter area compared to other stent graft combinations³
- Demonstrates durable clinical outcomes (mean f/u 24.6 months $\pm$ 17.4 months)²
 - 1.6% late new onset of type Ia endoleak
 - 95.7% chimney graft patency



Endurant II/IIIs system

- Endurant II/IIIs system delivers high conformability at the aortic neck, while M-stent design promotes gutter thrombosis⁴
- Endurant II/IIIs graft's nitinol/polyester design delivers optimal stent graft material for ChEVAR, leading to better outcomes⁵
 - Better survival rate
 - Lower risk of balloon-expandable covered stent occlusion

Proven.



Tested.¹ Validated. Proven. Safe and effective in ChEVAR.^{3,6}

- Radiant covered stent shows significantly better performance in ChEVAR compared to other stent grafts⁶
 - 94.6 patency at mid-term compared to 84.1% patency with other covered stents[†]

Predictable, accurate delivery and deployment¹

- Radiopaque markers ensure accurate placement of stent graft during deployment
- Radiant stent's open-cell stent design provides flexibility in delivery and placement
- Designed to flex and track through tortuous arteries

Designed for radial strength and versatility¹

- Radial strength of stent design maintains vessel patency in ChEVAR
- Designed to bend to accommodate and fit the renal anatomy during use with Endurant II/IIIs in ChEVAR

TMThird-party brands are trademarks of their respective owners.

[†]Other covered stents include: Gore Viabahn[®], Bentley BeGraft[™], BD Lifestream[™].

¹ Test data on file at Medtronic. Bench test results may not be indicative of clinical performance. Based on internal test reports: 10252479DOC: Endurant Parallel Graft Indication Expansion (PRJ000158) Validation Test Report, July 2016; 10466546DOC: Design Verification Report, Local Compression, (EPGIE) Endurant II/IIIs Parallel Graft Indication Expansion (PRJ000158), June 2016; D00405318: Finite Element Analysis of the Stents in the Endurant II/IIIs Stent Graft and Radiant BECS in Radial Dilatation Configuration, July 2021; 10482914DOC: EPGIE, Parallel Graft Ostial Bending Fatigue Test Report for Endurant II/IIIs and Balloon Expandable Covered Stent, July 2016; 10407467DOC: EPGIE, Parallel Graft Radial Dilatation Fatigue Test Report for Endurant II/IIIs and Balloon Expandable Covered Stent, July 2016.

² Donas KP, et al. *J Vasc Surg.* 2016;63:1-7.

³ Taneva GT, et al. *J Endovasc Ther.* 2019;26:865-870.

⁴ Fazzini S, et al. *Eur J Vasc Endovasc Surg.* 2021;61:591-602.

⁵ Scali ST, et al. *J Vasc Surg.* 2018;68:24-35.

⁶ Pitoulas GA, et al. *J Vasc Surg.* 2021;73:433-442.

EnChEVAR sizing[†]

Endurant II/IIIs stent graft sizing guidelines:

Vessel proximal inner diameter (mm)	Device proximal diameter (mm)
19-20	25
21-23	28
24-26	32
27-30	36

Radiant balloon-expandable covered stent sizing guidelines:

Vessel proximal inner diameter (mm)	Device proximal diameter (mm)
5.4-6.2	6
6.3-7.2	7

CE 2797

[†] Refer to Endurant II/IIIs and Radiant IFUs for complete sizing guidelines.



ChEVAR indication not approved globally. See the device manual for detailed information regarding the instructions for use, the implant procedure, indications, contraindications, warnings, precautions, and potential adverse events. For further information, contact your local Medtronic representative and/or consult the Medtronic website at [medtronic.eu](https://www.medtronic.eu).