



Endurant™ II

AAA STENT GRAFT SYSTEM



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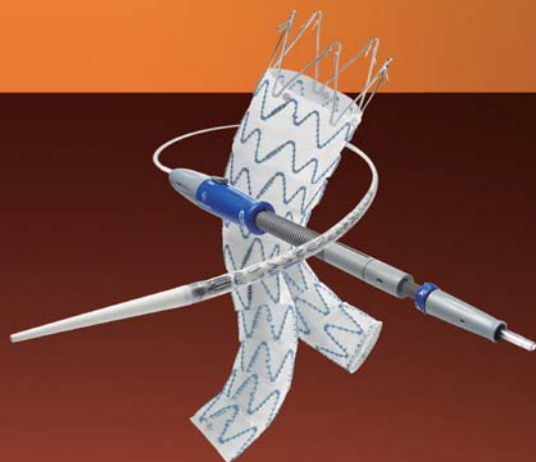
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WE'VE TAKEN A WINNING IDEA
AND GIVEN IT NEW LEGS.

Innovating for life.

THE ENDURANT II_s FAMILY OF PRODUCTS

- Includes Endurant II, Endurant II AUI and Endurant II_s
- Designed to meet a wide range of patient's anatomies
- Utilizes the Endurant II delivery system allowing for accurate placement and controlled deployment



Endurant II_s

ENDURANT II_s

A three-piece system that leverages the proven design of the Endurant II abdominal stent graft

Endurant II_s Expands Anatomical Customisation Options

- Provides up to a 20% reduction in distal diameter compared to select Endurant II bifurs*
- Enables *in situ* sizing with select ipsilateral limbs, allowing a 3–5 stent overlap for adjustment during case†
- Allows easier pre-case planning to simplify sizing†

* Data on file at Medtronic.

† Endurant II/II_s Instructions for Use.

ENDURANT II_s PRODUCT FEATURES‡



Flexibility & Conformability

- Designed to conform to the natural tortuosity of the vessel
- Low profile, hydrophilic delivery coating to enhance access and trackability



Accurate Placement & Controlled Deployment

- Flexible, kink-resistant delivery system facilitates stent graft delivery
- Tip capture for precise positioning adjustments, including adjustment of placement proximally or distally



Optimal Seal & Fixation

- M-shaped proximal stents provide wall apposition and minimise in-folding
- Suprarenal stent anchor pins provide secure fixation



Durability & Strength

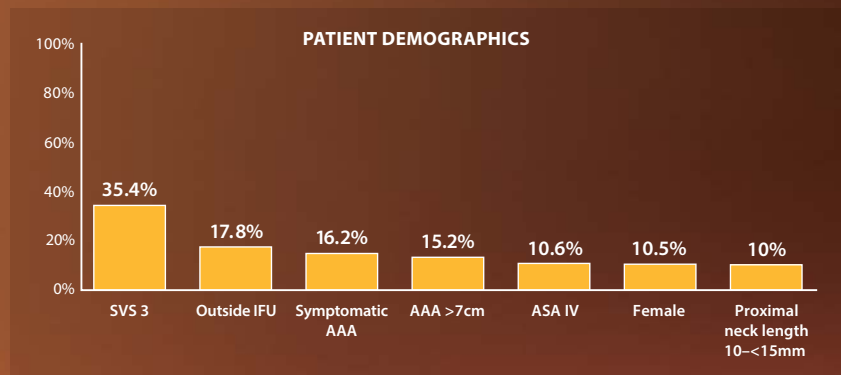
- High density, multifilament polyester graft material provides lower porosity for resistance against aneurysm sac growth

‡ Bench test data on file at Medtronic. Bench test data may not be indicative of clinical performance.

MEASURED IN RESULTS

CLINICAL DISTINCTION. TRIAL AFTER TRIAL.

THE ENGAGE REGISTRY REPRESENTS 1200+ REAL-WORLD PATIENTS THAT IS UNMATCHED IN BREADTH, DEPTH AND QUALITY. NOW WITH PLANNED FOLLOW-UP THROUGH 10 YEARS.



ENGAGE REGISTRY 3-YEAR RESULTS ¹	
Clinical Endpoints	Results
Migration ²	0% (0/1243)
Type I/III Endoleak ³	1.5% (11/729)
Freedom from Secondary Procedure	89.5% (Patients at risk @ 3 years=911)
Freedom from Aneurysm-related Mortality	98.5% (Patients at risk @ 3 years = 986)

¹Site Reported, Endurant ENGAGE OUS Registry, Medtronic database.

²Whole body migration.

³Type I/III endoleaks reported at 3 years.

ENDURANT STENT GRAFTS DELIVER COMPELLING CLINICAL PERFORMANCE IN SHORT AORTIC NECK LENGTHS

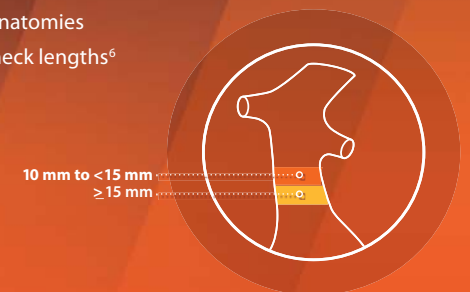
An evaluation of clinical outcomes comparing aortic neck lengths

CUMULATIVE EVENTS THROUGH 3-YEARS			
	10 mm to <15 mm (n=123)	≥ 15 mm (n=1100)	p-value ⁴
Rupture	1.6% (2/123)	0.4% (4/1100)	0.057 (ns)
Conversion	1.6% (2/123)	0.8% (9/1100)	0.368 (ns)
Secondary Endovascular Procedure	7.3% (9/123)	9.4% (103/1100)	0.457 (ns)
Secondary Endovascular Procedure to correct Type I/III Endoleak	2.4% (3/123)	2.7% (30/1100)	0.456 (ns)
Migration ⁵ (main body)	0% (0/122)	0% (0/1082)	n/a

ns=non-significant and defined as p-value>0.05.

ENGAGE registry demonstrates consistent results

- In straightforward and challenging anatomies
- In patients with short and standard neck lengths⁶



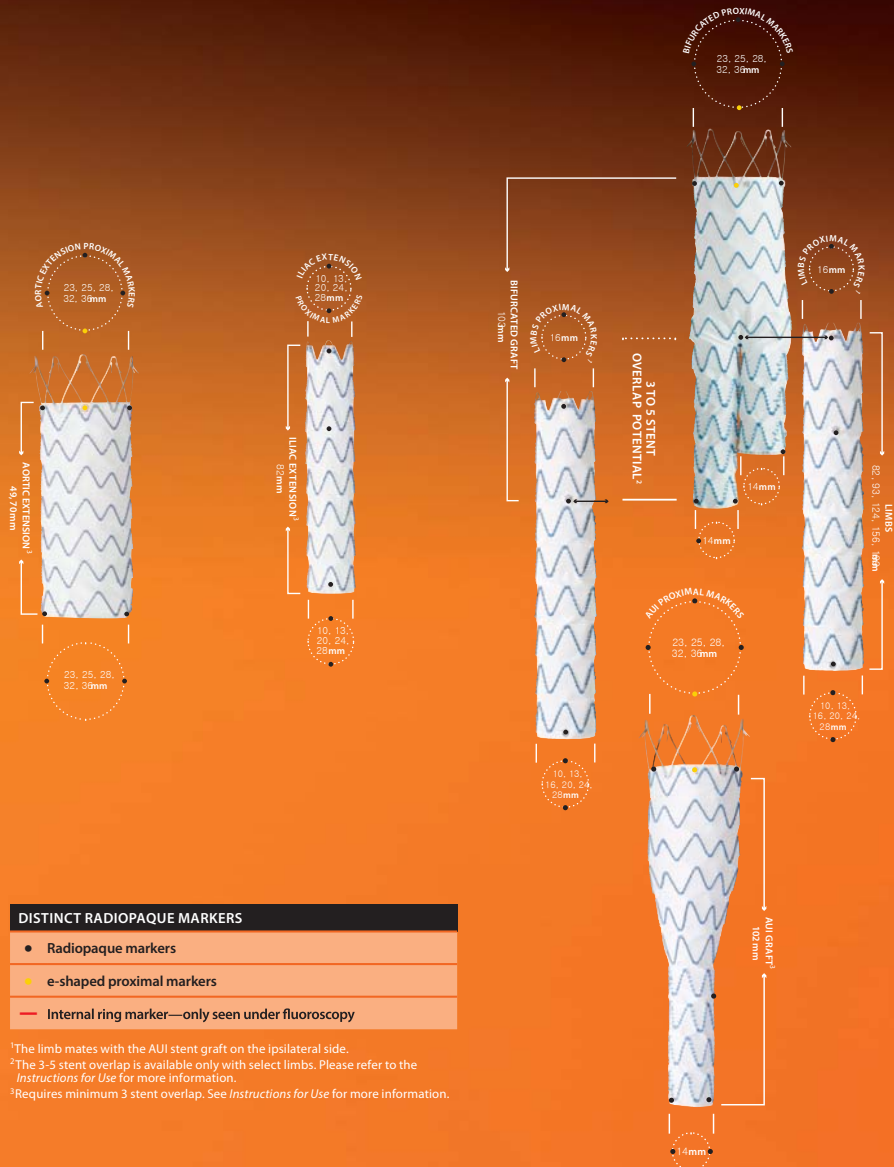
⁴p-values are from comparison of 10 mm to <15 mm vs. ≥15 mm.

⁵Whole body migration; 0.6% limb migration was reported within 3 years.

⁶Data is from a three-year subset analysis of the ENGAGE Registry, which evaluated clinical outcomes in short necks (10 mm to <15 mm) and standard necks (≥15 mm). Verhagen, Hence, "Device design and influence on hostile neck outcomes: how far can we go?" Charing Cross 2014. Data on file at Medtronic.

COMPONENT PLACEMENT GUIDE

PRODUCT CODES



DISTINCT RADIOPAQUE MARKERS	
●	Radiopaque markers
●	e-shaped proximal markers
—	Internal ring marker—only seen under fluoroscopy

¹The limb mates with the AUI stent graft on the ipsilateral side.
²The 3-5 stent overlap is available only with select limbs. Please refer to the *Instructions for Use* for more information.
³Requires minimum 3 stent overlap. See *Instructions for Use* for more information.

ENDURANT IIs BIFURCATIONS

	Product Code					
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System	Catheter Outer Diameter (F)
ESBF	23	14	C	103	EE	18
ESBF	25	14	C	103	EE	18
ESBF	28	14	C	103	EE	18
ESBF	32	14	C	103	EE	20
ESBF	36	14	C	103	EE	20

AORTIC EXTENSIONS

	Product Code					
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System	Catheter Outer Diameter (F)
ETCF	23	23	C	49	EE	18
ETCF	25	25	C	49	EE	18
ETCF	28	28	C	49	EE	18
ETCF	32	32	C	49	EE	20
ETCF	36	36	C	49	EE	20

ABDOMINAL TUBES

	Product Code					
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System	Catheter Outer Diameter (F)
ETTF	23	23	C	70	EE	18
ETTF	25	25	C	70	EE	18
ETTF	28	28	C	70	EE	18
ETTF	32	32	C	70	EE	20
ETTF	36	36	C	70	EE	20

AUI

	Product Code					
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System	Catheter Outer Diameter (F)
ETUF	23	14	C	102	EE	18
ETUF	25	14	C	102	EE	18
ETUF	28	14	C	102	EE	18
ETUF	32	14	C	102	EE	20
ETUF	36	14	C	102	EE	20

ILIAC EXTENSIONS

	Product Code					
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System	Catheter Outer Diameter (F)
ETEW	10	10	C	82	EE	14
ETEW	13	13	C	82	EE	14
ETEW	20	20	C	82	EE	16
ETEW	24	24	C	82	EE	16
ETEW	28	28	C	82	EE	18

LIMBS⁴

	Product Code					Catheter Outer Diameter (F)	Total Contralateral Covered Length with EUI/EIIs Bifurcated ⁵	Total Ipsilateral Covered Length with EUIs Bifurcated ⁵
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System			
ETLW	16	10	C	82	EE	14	136	155
ETLW	16	10	C	93	EE	14	147	166
ETLW	16	10	C	124	EE	14	178	177-197
ETLW	16	10	C	156	EE	16	210	209-229
ETLW	16	10	C	199	EE	16	253	252-272
ETLW	16	13	C	82	EE	14	136	155
ETLW	16	13	C	93	EE	14	147	166
ETLW	16	13	C	124	EE	14	178	177-197
ETLW	16	13	C	156	EE	16	210	209-229
ETLW	16	13	C	199	EE	16	253	252-272
ETLW	16	16	C	82	EE	14	136	135-155
ETLW	16	16	C	93	EE	14	147	146-166
ETLW	16	16	C	124	EE	14	178	177-197
ETLW	16	16	C	156	EE	16	210	209-229
ETLW	16	16	C	199	EE	16	253	252-272
ETLW	16	20	C	82	EE	16	136	155
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ETLW	16	28	C	82	EE	16	136	155
ETLW	16	28	C	93	EE	16	147	166
ETLW	16	28	C	124	EE	16	178	177-197
ETLW	16	28	C	156	EE	16	210	209-229
ETLW	16	28	C	199	EE	16	253	252-272

⁴The limb mates with the AUI stent graft on the ipsilateral side.
⁵These calculations assume the minimum 30 mm overlap between the bifurcated stent graft and the contralateral iliac limb per the *Endurant II Stent Graft System Instructions For Use*. When using the 124 mm length bifurcated stent graft, subtract 10 mm from Total Contralateral Covered Length with Bifurcated.
⁶The 3-5 stent overlap is available only with select limbs. Please refer to the *Instructions For Use* for more information.