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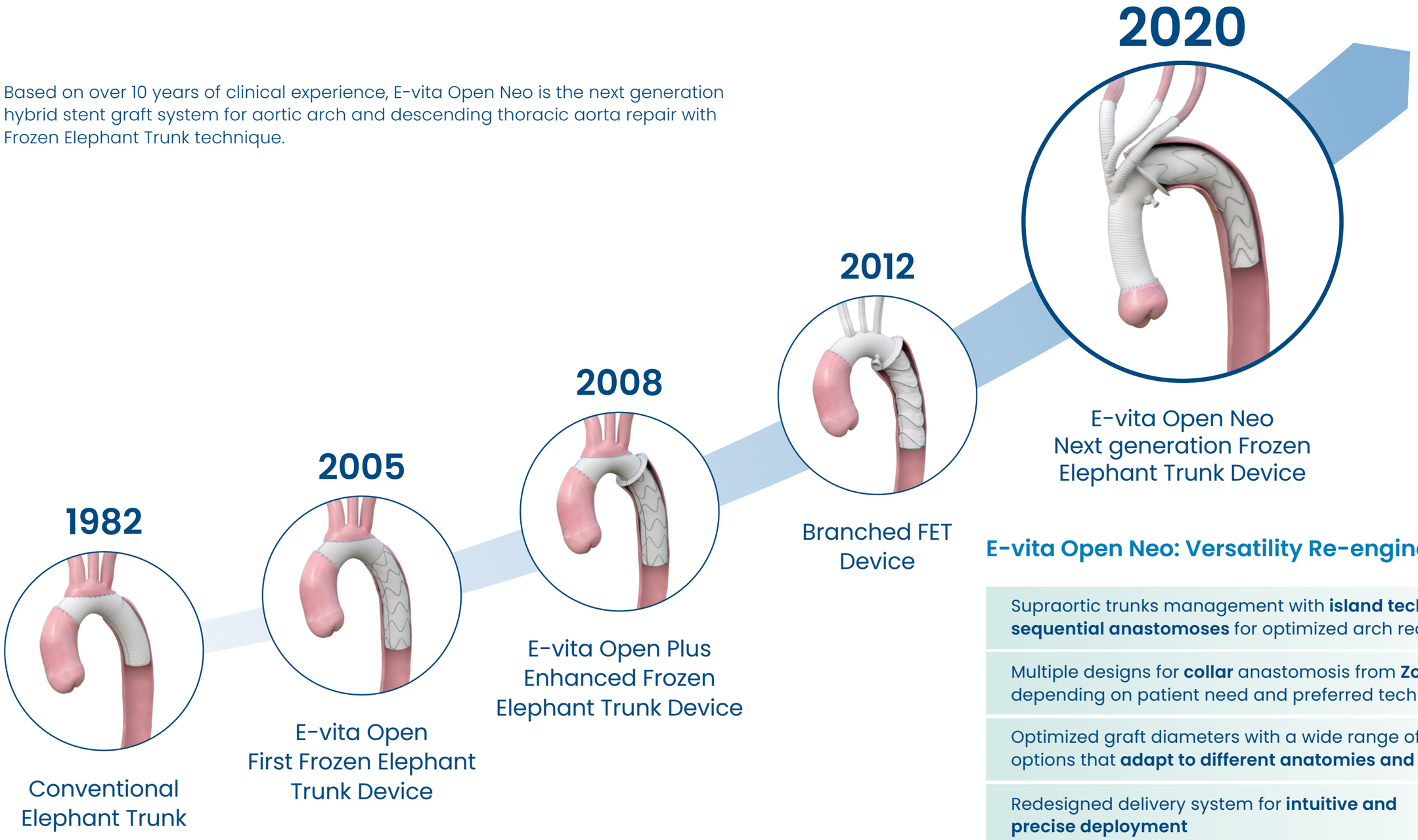
Made to fit You.

ARTIVION

E-vita® Open Neo
Hybrid Stent Graft System

Evolving with You

Based on over 10 years of clinical experience, E-vita Open Neo is the next generation hybrid stent graft system for aortic arch and descending thoracic aorta repair with Frozen Elephant Trunk technique.



E-vita Open Neo: Versatility Re-engineered

- Supraortic trunks management with **island technique** or **sequential anastomoses** for optimized arch reconstruction
- Multiple designs for **collar** anastomosis from **Zone 0 to Zone 3** depending on patient need and preferred technique
- Optimized graft diameters with a wide range of stent graft options that **adapt to different anatomies and diseases**
- Redesigned delivery system for **intuitive and precise deployment**
- **Shapeable shaft or guide wire** compatibility, adjusting to your preference and needs

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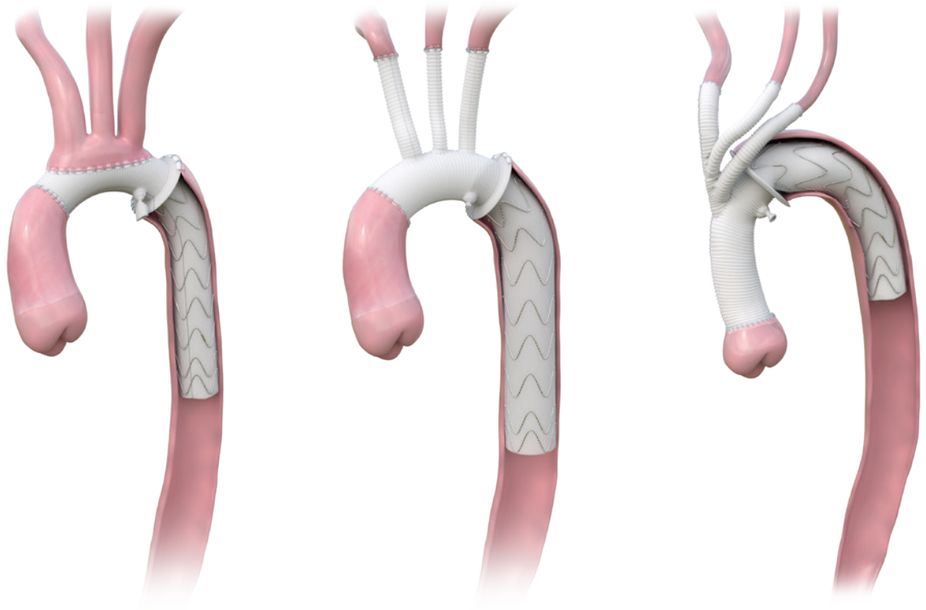
Adapting to Patient's Disease

Each disease requires a unique technique and oversizing strategy, and based on this E-vita Open Neo has been created with three stent graft configurations and dedicated designs of the vascular and stent graft sections.

The three diameters of the vascular section allow for reproducible anastomosis, while the full range of options of the stent graft section provides the adequate oversizing for both aneurysms and dissections.



STRAIGHT

Island Technique

Collar Anastomosis in Zone 2/3

BRANCHED

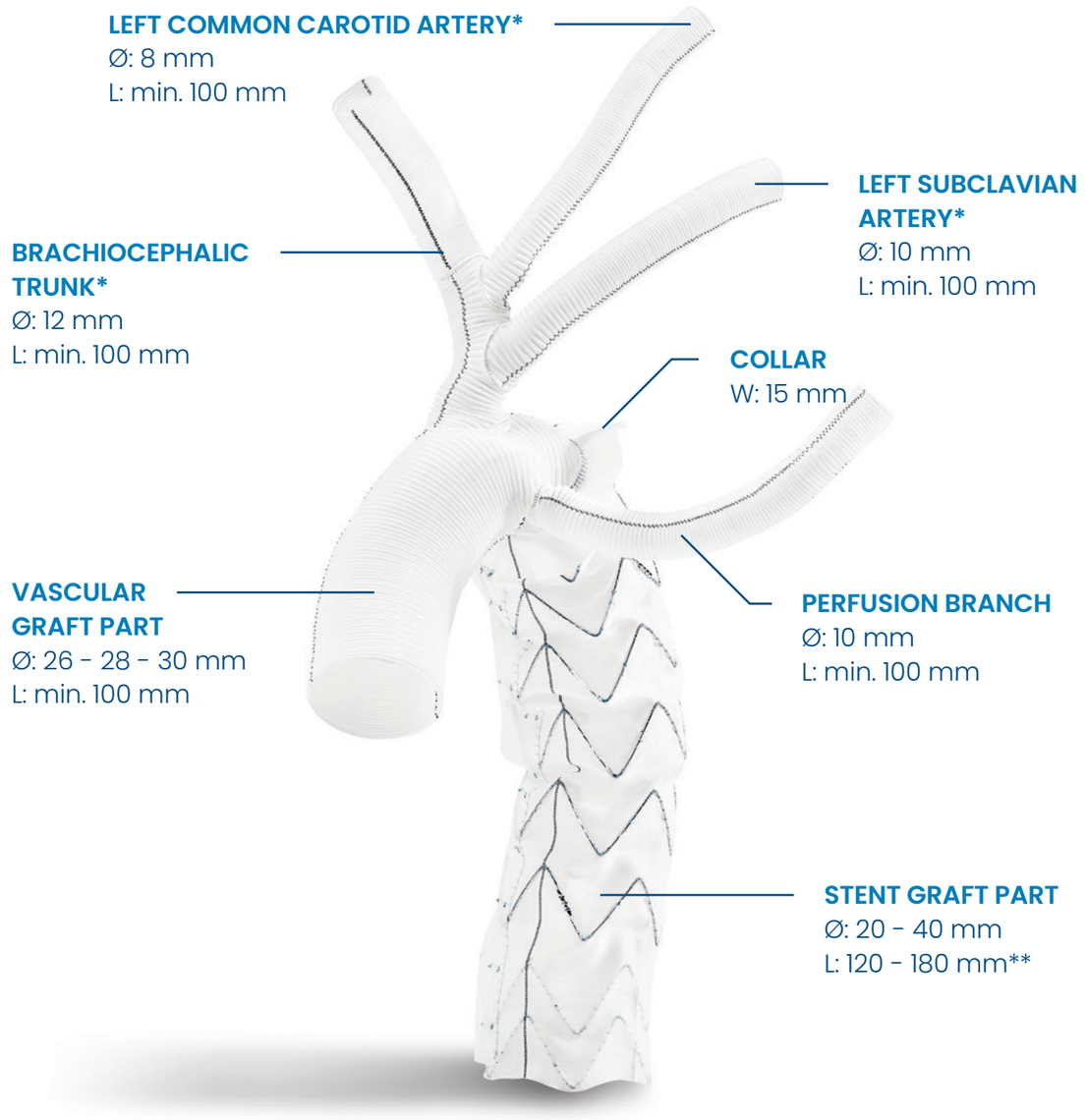
Sequential Anastomoses

Collar Anastomosis in Zone 1/2/3

TRIFURCATED

Sequential Anastomoses

Collar Anastomosis in Zone 0/1



* branches for supraortic trunks available only on the Branched and Trifurcated configurations
** please refer to the IFU for the specific length of each configuration and diameter

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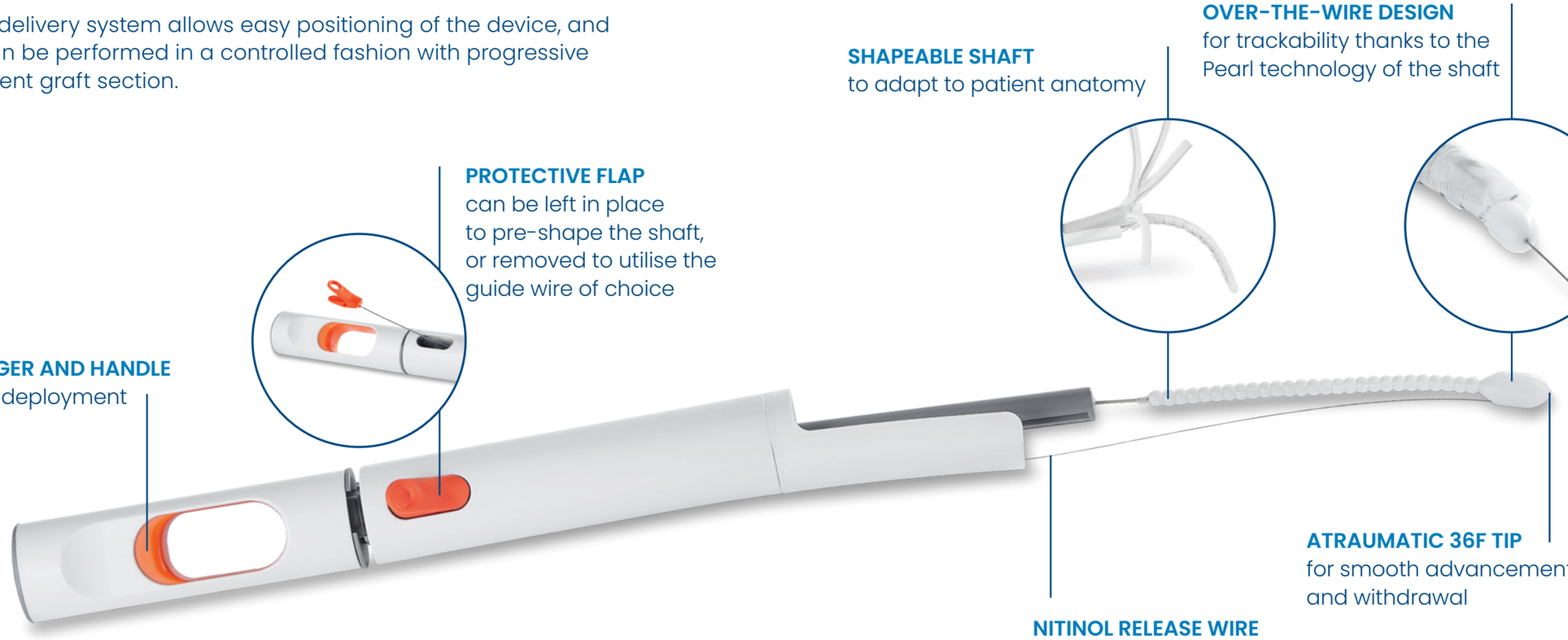
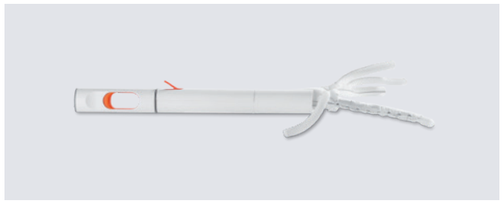
Control in Your Hands

The new compact delivery system allows easy positioning of the device, and the deployment can be performed in a controlled fashion with progressive expansion of the stent graft section.

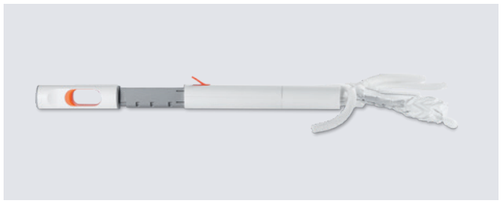


Deployment Steps

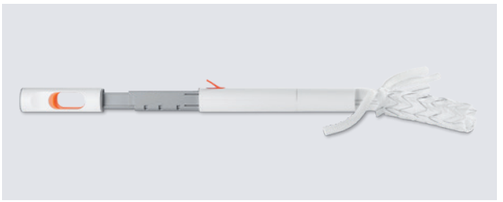
1 Remove protective flap or pre-shape shaft



2 Device positioning



3 Release trigger to unlock the system, and retract handle for progressive distal-proximal stent graft deployment



4 Complete handle retraction and withdraw the delivery system

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Ordering Information

Straight Configuration

Catalog Number	Vascular Graft Part Ø (mm)	Stent Graft Part Ø (mm)	Length Stent Graft (mm)
95HG2620L120-C01	26	20	120
95HG2624L120-C01	26	24	120
95HG2624L175-C01	*26*	*24*	*175*
95HG2626L120-C01	*26*	*26*	*120*
95HG2828L120-C01	28	28	120
95HG2828L180-C01	*28*	*28*	*180*
95HG3030L120-C01	30	30	120
95HG3030L180-C01	30	30	180
95HG3033L130-C01	30	33	130
95HG3033L180-C01	*30*	*33*	*180*
95HG3036L130-C01	30	36	130
95HG3036L180-C01	*30*	*36*	*180*
95HG3040L130-C01	*30*	*40*	*130*
95HG3040L180-C01	*30*	*40*	*180*

Sizes in italics are available on demand

Branched Configuration

Catalog Number	Vascular Graft Part Ø (mm)	Stent Graft Part Ø (mm)	Length Stent Graft (mm)
95HG2622L120-C02	26	22	120
95HG2624L120-C02	26	24	120
95HG2624L175-C02	*26*	*24*	*175*
95HG2626L120-C02	26	26	120
95HG2626L180-C02	*26*	*26*	*180*
95HG2828L120-C02	28	28	120
95HG2828L180-C02	*28*	*28*	*180*
95HG3030L120-C02	30	30	120
95HG3030L180-C02	*30*	*30*	*180*
95HG3033L130-C02	30	33	130
95HG3033L180-C02	*30*	*33*	*180*
95HG3036L130-C02	30	36	130
95HG3036L180-C02	*30*	*36*	*180*
95HG3040L130-C02	*30*	*40*	*130*
95HG3040L180-C02	30	40	180

Trifurcated Configuration

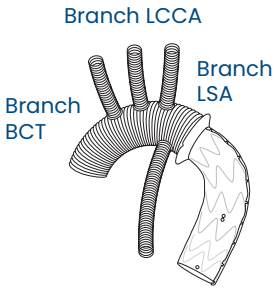
Catalog Number	Vascular Graft Part Ø (mm)	Stent Graft Part Ø (mm)	Length Stent Graft (mm)
95HG2624L175-C03	26	24	175
95HG2626L180-C03	26	26	180
95HG2828L180-C03	28	28	180
95HG3030L180-C03	30	30	180
95HG3033L180-C03	30	33	180
95HG3036L180-C03	30	36	180
95HG3040L180-C03	30	40	180

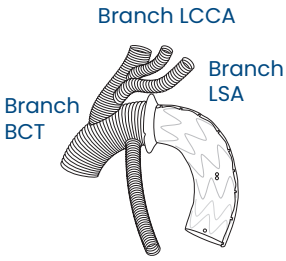
Vascular graft length: 100 mm without tension on every configuration and size

Perfusion branch: diameter of 10 mm and length without tension of minimum 100 mm on every configuration and size

Branches Specification

	Diameter	Length
Branch BCT	12 mm	min. 100 mm
Branch LCCA	8 mm	
Branch LSA	10 mm	





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Learn more at **artivion.com**

1. M. Youssef et. al (2018) - A Multicenter Experience With a New Fenestrated-Branched Device for Endovascular Repair of Thoracoabdominal Aortic Aneurysms, Journal of endovascular therapy, DOI: 10.1177/1526602817752147 2. A.Katsargyris et.al (2018) - Early Experience with the Use of Inner Branches in Endovascular Repair of Complex Abdominal and Thoraco- abdominal Aortic Aneurysms, European Journal of vascular and endovascular surgery, DOI: 10.1016/j.ejvs.2018.01.024 3. V. Bilman, T. Cambiaghi, A. Grandi, N. Carta, G. Melissano, R. Chiesa, L. Bertoglio (2020) - Anatomical feasibility of a new off-the-shelf inner branch stent graft (E-nside for endovascular treatment of thoraco-abdominal aneurysms, European Journal of Cardio-Thoracic Surgery, Volume 58, Isssue 6, Pages 1296-1303, https://doi.org/10.1093/ejcts/ezaa276

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