

Made to fit Your Patients. Made to fit You.

Aortos lanko – nusileidžiančios dalies protezas – stentas, skirtas atstatyti aortos lankui ir proksimalinei nusileidžiančiai daliai.



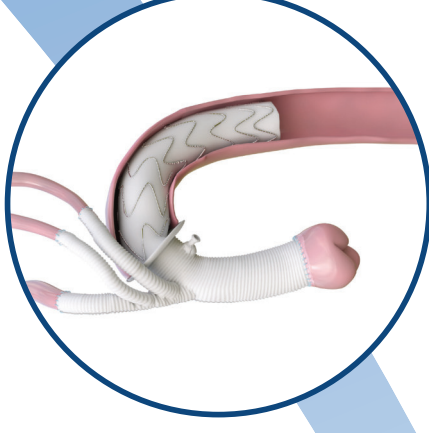
ARTIVION™

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.

2020



E-vita Open Neo
Next generation Frozen
Elephant Trunk Device

E-vita Open Neo: Versatility Re-engineered

Supraortic trunks management with **island technique** or **sequential anastomoses** for optimized arch reconstruction

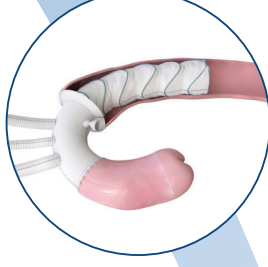
Multiple designs for **collar** anastomosis from **Zone 0 to Zone 3** depending on patient need and preferred technique

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**

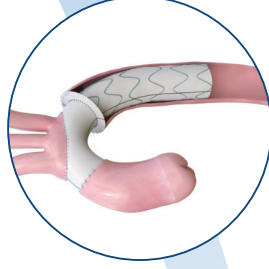
Shapeable shaft or guide wire compatibility, adjusting to your preference and needs

2012



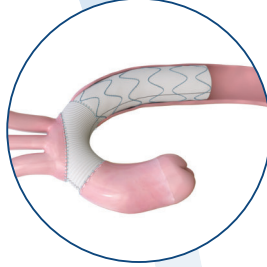
Branched FET
Device

2008



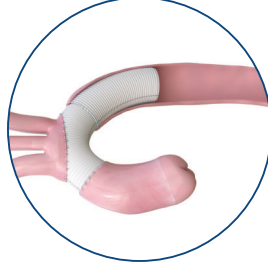
E-vita Open Plus
Enhanced Frozen
Elephant Trunk Device

2005



E-vita Open
First Frozen Elephant
Trunk Device

1982



Conventional
Elephant Trunk

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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



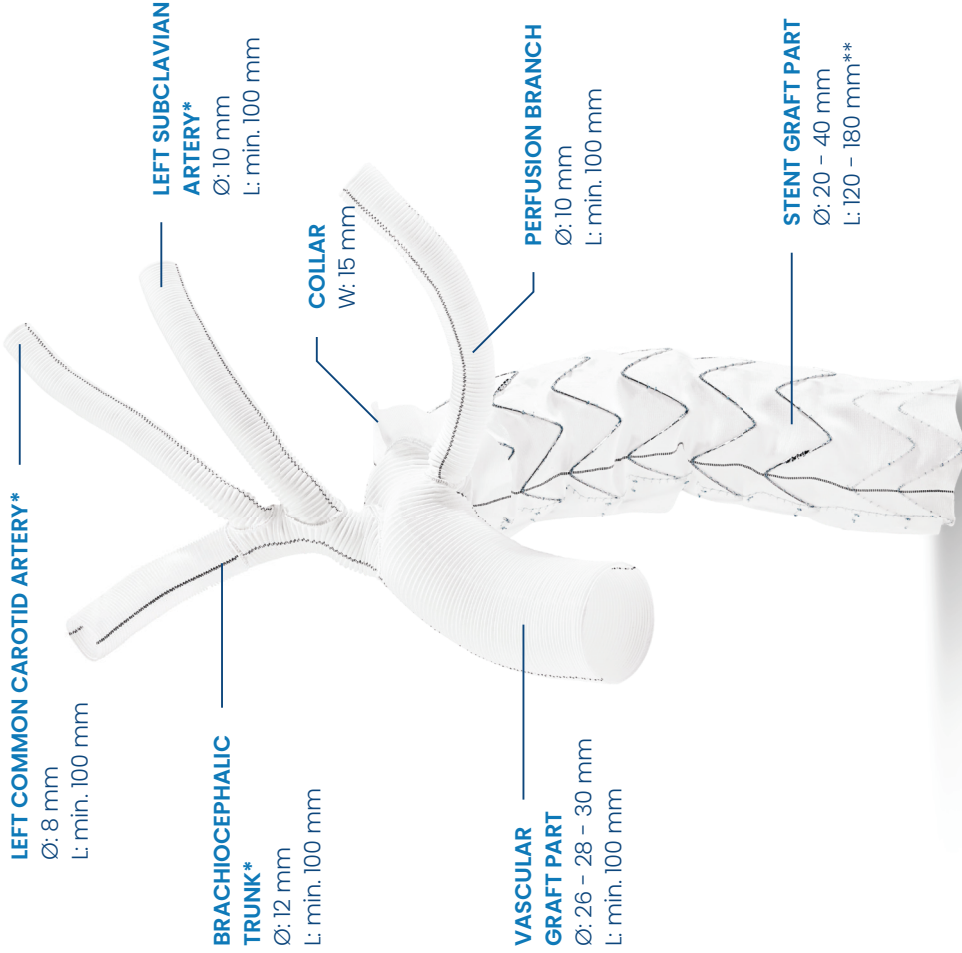
BRANCHED

Sequential
Anastomoses
Collar Anastomosis
in Zone 1/2/3



TRIFURCATED

Sequential
Anastomoses
Collar Anastomosis
in Zone 0/1



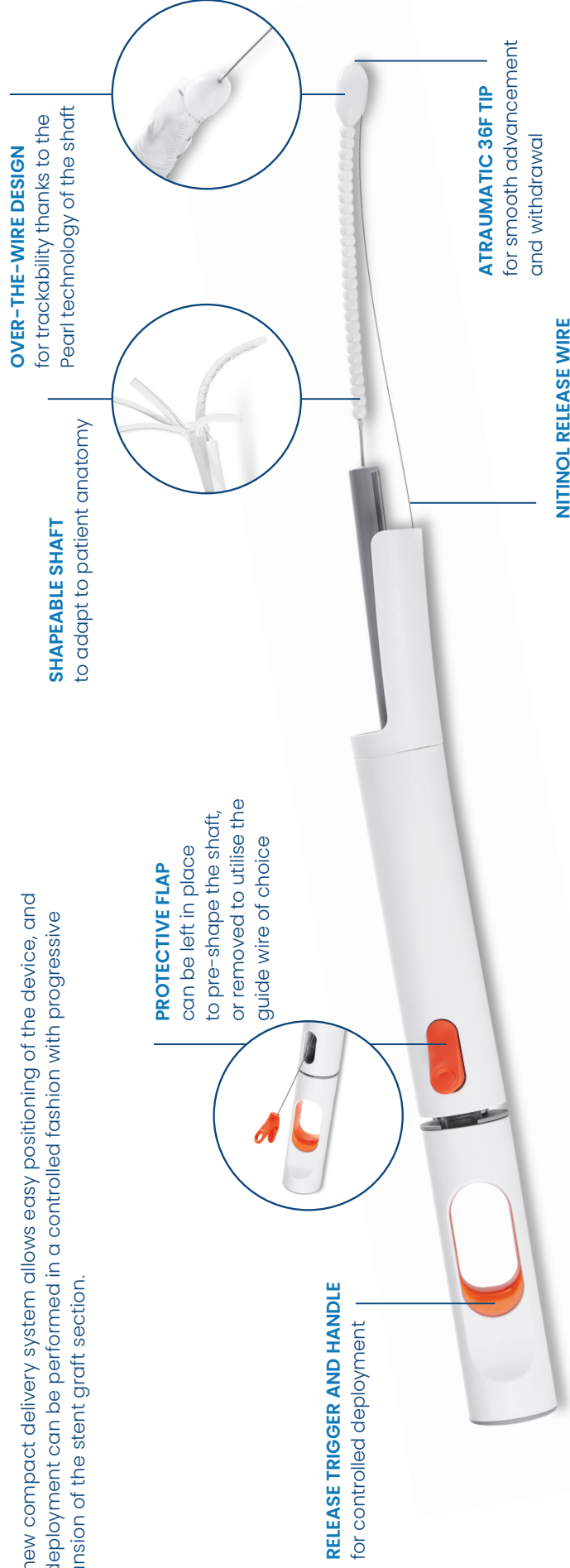
Z formos nitinollio konstrukcijos

* 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.

1.

Straight Configuration

Catalog Number	Stent Graft ø (mm)	Stent Graft Length (mm)	Vascular Graft ø (mm)	Vascular Graft Length (mm)
95HG2624L120-C01	24	120	26	100
95HG2626L120-C01	26	120	26	100
95HG2828L120-C01	28	120	28	100
95HG2828L180-C01	28	180	28	100
95HG3030L120-C01	30	120	30	100
95HG3030L180-C01	30	180	30	100
95HG3033L130-C01	33	130	30	100
95HG3036L130-C01	36	130	30	100

Special sizes on demand only

Catalog Number	Stent Graft ø (mm)	Stent Graft Length (mm)	Vascular Graft ø (mm)	Vascular Graft Length (mm)
95HG2622L120-C01	22	120	26	100
95HG3033L180-C01	33	180	30	100
95HG3036L180-C01	36	180	30	100
95HG3040L180-C01	40	180	30	100

T bifurcated Configuration

Catalog Number	Stent Graft ø (mm)	Stent Graft Length (mm)	Vascular Graft ø (mm)	Vascular Graft Length (mm)
95HG2624L175-C03	24	175	26	100
95HG2626L180-C03	26	180	26	100
95HG2828L180-C03	28	180	28	100
95HG3030L180-C03	30	180	30	100
95HG3033L180-C03	33	180	30	100
95HG3036L180-C03	36	180	30	100
95HG3040L180-C03	40	180	30	100

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

Branched Configuration

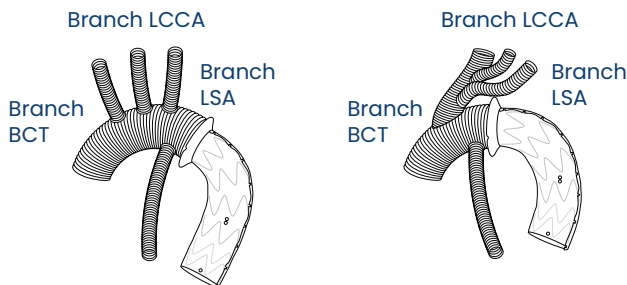
Catalog Number	Stent Graft ø (mm)	Stent Graft Length (mm)	Vascular Graft ø (mm)	Vascular Graft Length (mm)
95HG2622L120-C02	22	120	26	100
95HG2624L120-C02	24	120	26	100
95HG2626L120-C02	26	120	26	100
95HG2828L120-C02	28	120	28	100
95HG3030L120-C02	30	120	30	100
95HG3033L130-C02	33	130	30	100
95HG3036L130-C02	36	130	30	100
95HG3040L130-C02	40	130	30	100
95HG3040L180-C02	40	180	30	100

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95HG3030L180-C02	30	180	30	100
95HG3033L180-C02	33	180	30	100

Branches Specification

	ø (mm)	Length (mm)
Branch BCT	12 mm	min. 100 mm
Branch LCCA	8 mm	
Branch LSA	10 mm	



ARTIVION™

Learn more at [artivion.com](https://www.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, Issue 6, Pages 1296-1303, <https://doi.org/10.1093/ejcts/ezaa276>

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