NEXUS® | AORTIC ARCH STENT GRAFT SYSTEM

ENDOVASCULAR REPAIR OF THE AORTIC ARCH
MADE EASY AND RELIABLE

THE ONLY
CE-APPROVED BRANCHED DEVICE
FOR ENDOVASCULAR REPAIR OF THE AORTIC ARCH

ENDOSPAN®

DESIGNED FOR THE AORTIC ARCH

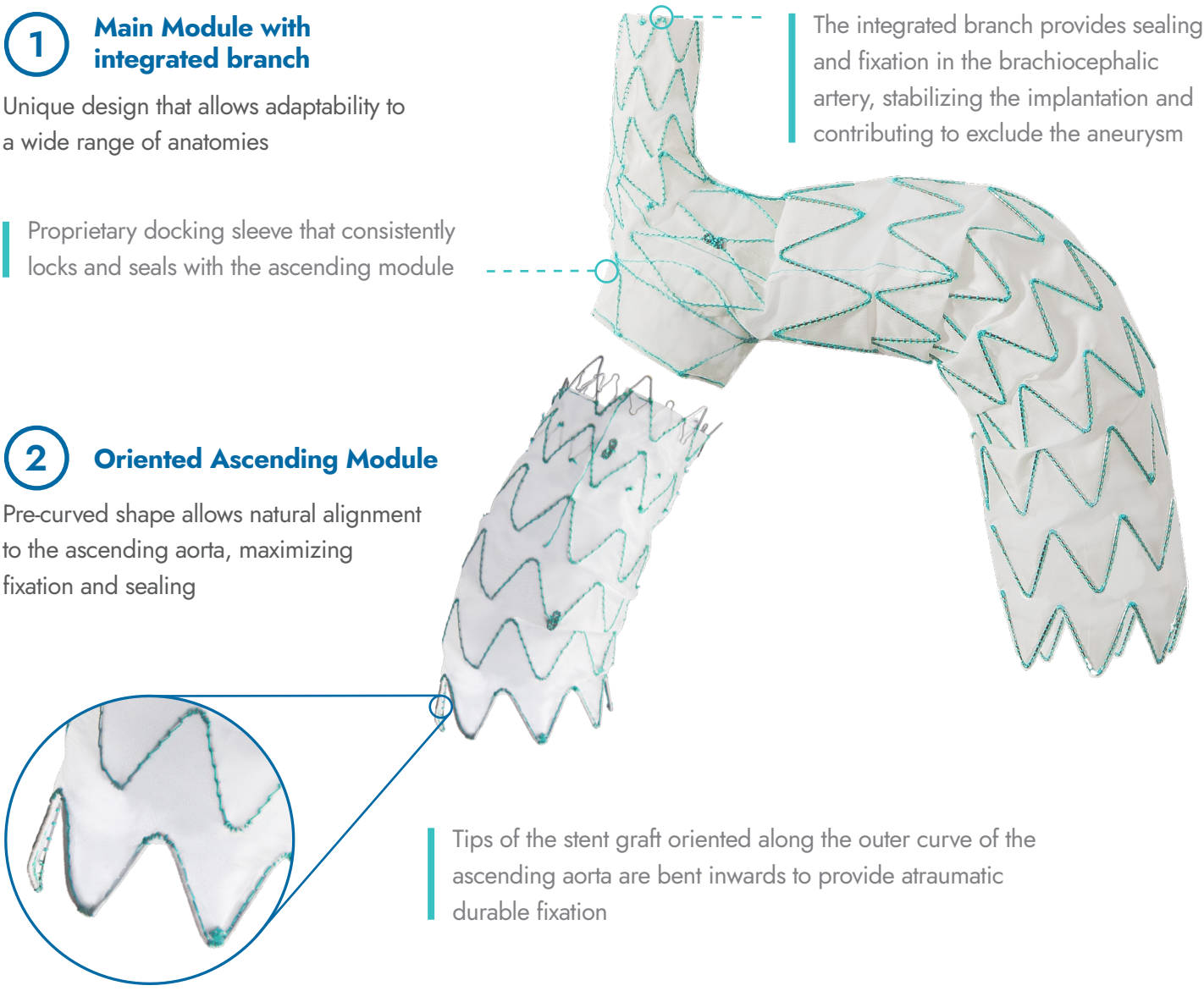
NEXUS® Aortic Arch Stent Graft System is the innovative solution that transforms complex aortic arch surgical repair into a minimally invasive endovascular procedure.

1 Main Module with integrated branch

Unique design that allows adaptability to a wide range of anatomies

Proprietary docking sleeve that consistently locks and seals with the ascending module

The integrated branch provides sealing and fixation in the brachiocephalic artery, stabilizing the implantation and contributing to exclude the aneurysm



2 Oriented Ascending Module

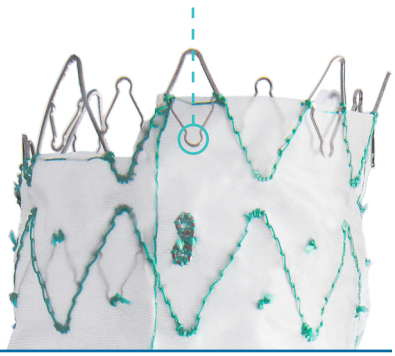
Pre-curved shape allows natural alignment to the ascending aorta, maximizing fixation and sealing

Tips of the stent graft oriented along the outer curve of the ascending aorta are bent inwards to provide atraumatic durable fixation

3 Designed for long-lasting effectiveness

Every detail of the NEXUS® Aortic Arch Stent Graft System has been designed to provide durable effective results. Disconnection of the modules is prevented by the proprietary locking system, where the locking latches engage the inner stent graft of the docking sleeve

Locking latches



DESIGNED FOR SAFETY

Since neurological complications are among the most devastating complications of TEVAR in the arch, NEXUS® has been designed with many features to minimize this risk.

1 Anatomically pre-shaped delivery systems

Pre-shaped Main Module delivery system

2 Lower profile 20 F system for greater access confidence

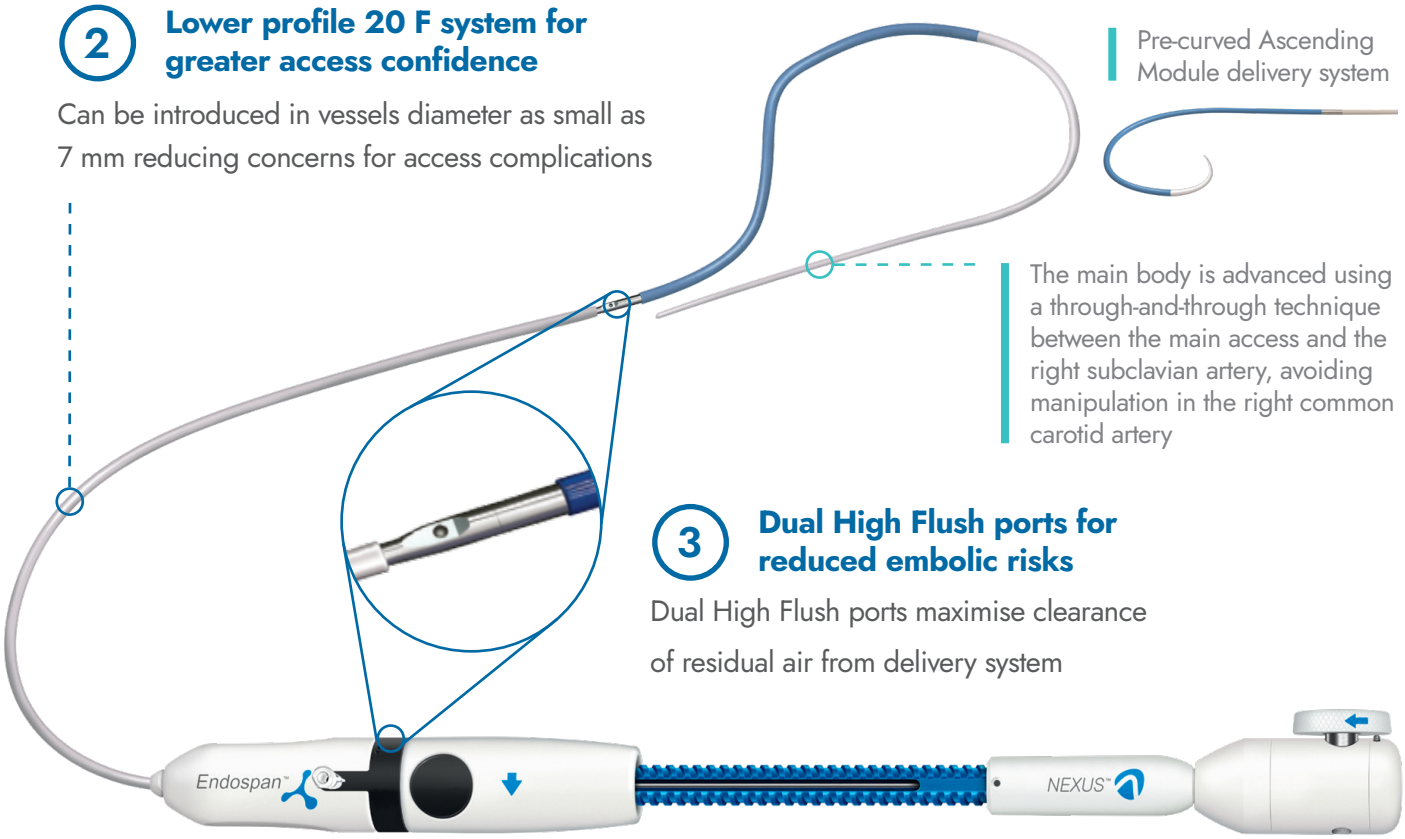
Can be introduced in vessels diameter as small as 7 mm reducing concerns for access complications

Pre-curved Ascending Module delivery system

The main body is advanced using a through-and-through technique between the main access and the right subclavian artery, avoiding manipulation in the right common carotid artery

3 Dual High Flush ports for reduced embolic risks

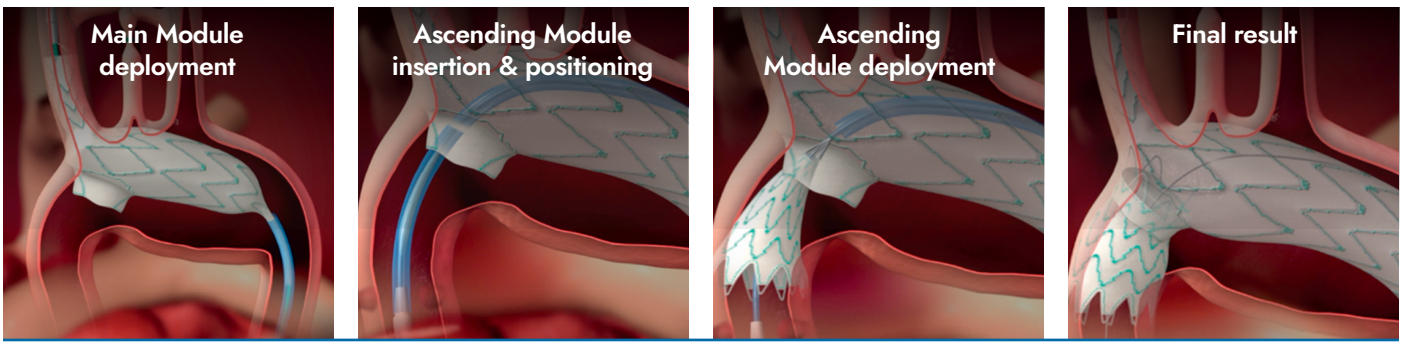
Dual High Flush ports maximise clearance of residual air from delivery system



Simple and controlled 2-stage procedure

The implantation consists of a first surgical stage, where the left common carotid (and left subclavian) artery is rerouted, followed later by the endovascular stage

Deployment steps

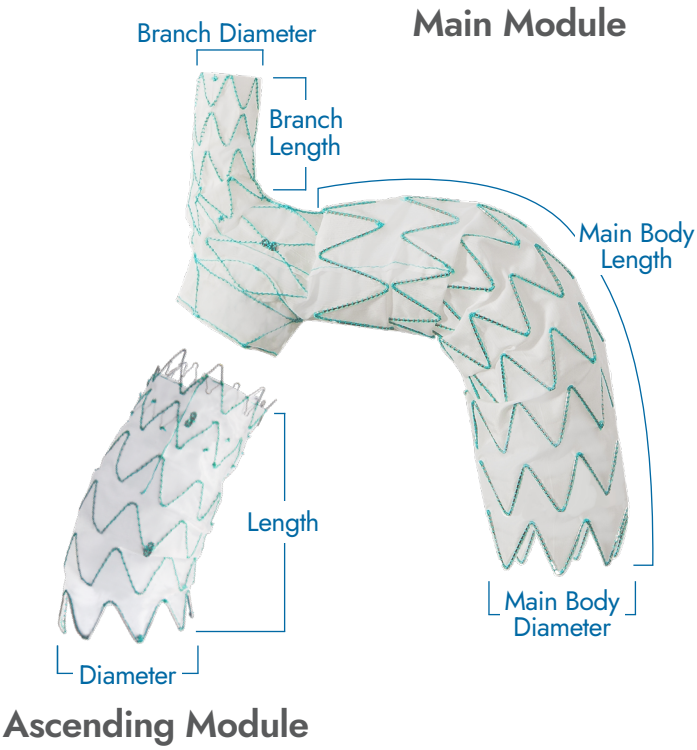


ORDERING INFORMATION

NEXUS® Aortic Arch Stent Graft System is available in a range of sizes that can adapt to a wide range of anatomies.

Main Module*	Diameter (mm)	Length (mm)
Branch	14	20
	17	30
	20	40
Main Body	32	180
	36	180
	40	180
	44	180

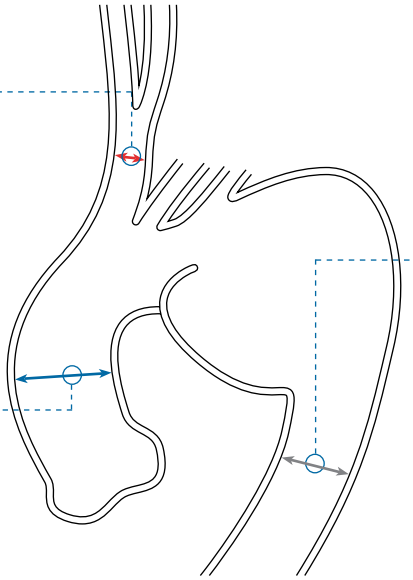
Ascending Module*	Diameter (mm)	Length (mm)
Oriented	36	40
	40	55
	43	70



NEXUS® Anatomical Indications

Brachiocephalic trunk
- Diameter of 11.5–18.5 mm
- Landing zone length of at least 20 mm
- Take off angle between the brachiocephalic artery and the aortic arch perpendicular should be ≥ 125°

Ascending aorta
- Diameter of 29–39 mm
- Landing zone length of at least 30 mm



Descending aorta
- Diameter of 26–40 mm
- Landing zone length of at least 30 mm

NEXUS® – the only CE marked endovascular branch system for the aortic arch.

CE 0344

MKE-0011413 Rev 1.0

CAUTION: Investigational Device – Limited by United States law to investigational use.
Endospan devices bear the CE marking of conformity.

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