NEXUS DUO™ BY ENDOSPAN

AORTIC ARCH
STENT GRAFT SYSTEM
CUSTOM-MADE DEVICE

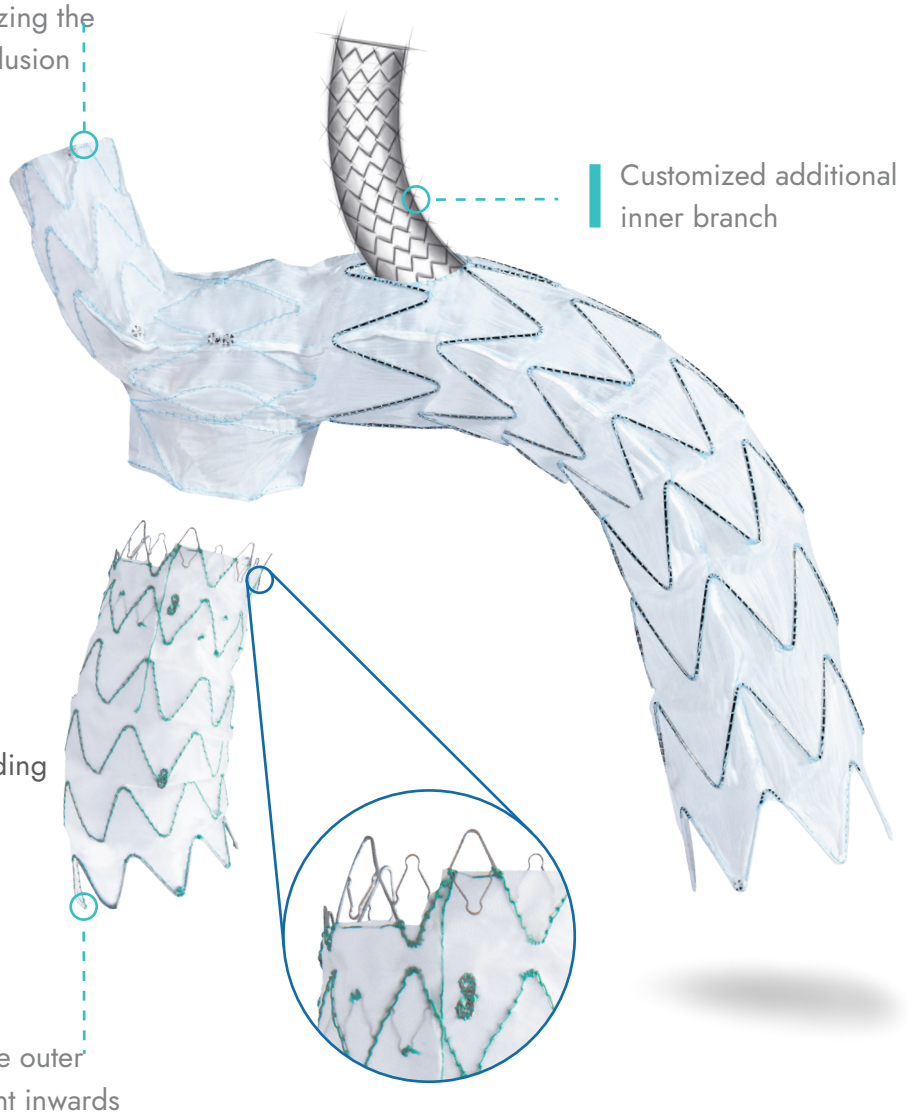
ADVANCING THE FUTURE **OF AORTIC ARCH REPAIR**

ENDOSPAN®

PRECANNULATED INNER BRANCH BASED CUSTOM-MADE SOLUTION FOR THE AORTIC ARCH

Built on unique NEXUS® aortic arch CE-marked technology.

Integrated branch provides sealing and fixation in the brachiocephalic artery, stabilizing the implantation and contributing to exclusion of the aneurysm



Customized additional inner branch

1 Curved ascending stent graft

Allows natural alignment to the ascending aorta, maximizing fixation and sealing

Inward bent stents oriented along the outer curve of the ascending aorta are bent inwards to provide atraumatic durable fixation

2 Proprietary DOCK & LOCK technology

Docking sleeve consistently locks and seals with the ascending stent graft

Advancing the Future of Aortic Arch Repair

DESIGNED TO MITIGATE STROKE RISK IN DOUBLE BRANCH CONFIGURATION

Access	NEXUS DUO™	Competition
Femoral	**20 F all sizes**	24-25 F
RAA	**7 F**	14 F
LCCA/LAA	**2.4 F micro catheter**	14 F

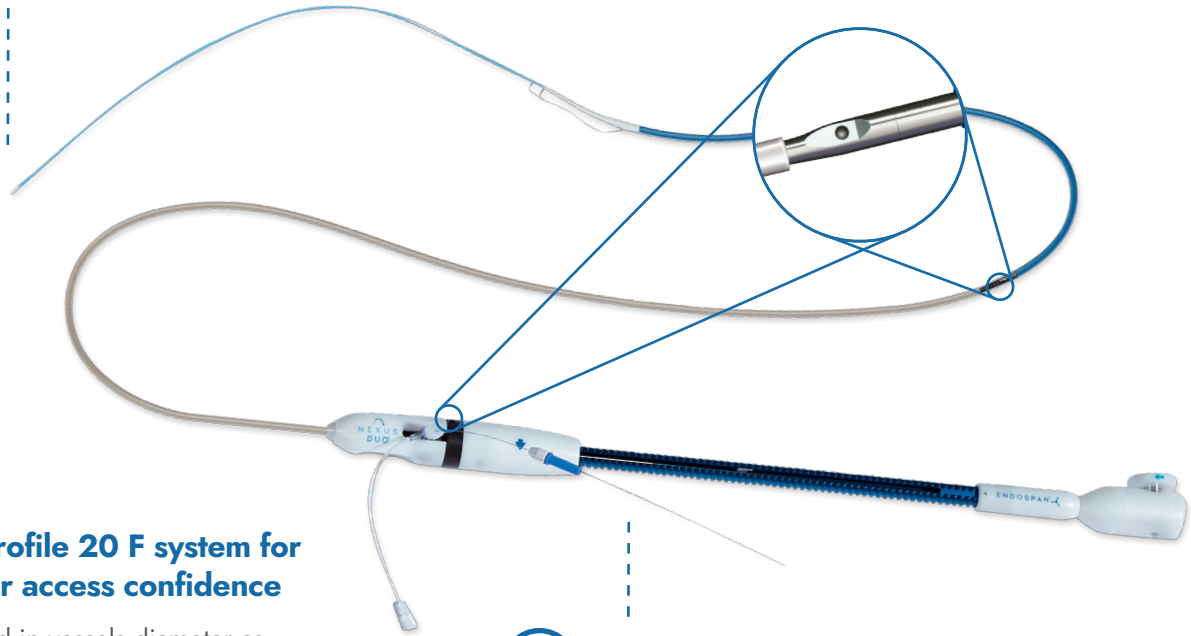
- Use of 2 through and through guide wires provides stability during introduction and deployment
- No branch introduction from carotid arteries
- No additional cannulation required post NEXUS DUO deployment

1 Anatomically pre-shaped delivery system

NEXUS DUO Arch Stent Graft is advanced using a through & through technique between the main access and the right subclavian artery avoiding manipulationin the right common carotid artery

2 Dual high flush ports for reduced embolic risks

Maximizes clearance of residual air from delivery system



3 Low profile 20 F system for greater access confidence

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

3 Pre-cannulation

0.018" Guide Wire ensures access to the inner branch of the stent graft

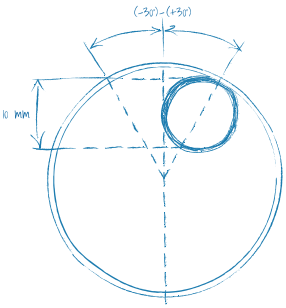
ORDERING INFORMATION

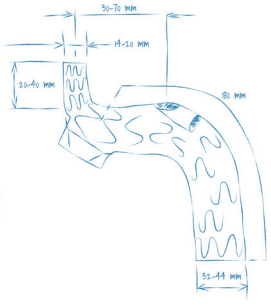
Custom-made solution allows flexible approach in the aortic arch.

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

Brachiocephalic (BCA) to descending aorta (DESC)

Specification	Diameter/Length
∅ BCA	14—20 mm
L BCA	20—40 mm
∅ DESC	32—44 mm
L DESC	180 mm
∅ Internal Branch	10 mm
Fenestration	(-30°)—(+30°)
L Inner Branch Distance between center of BCT inner branch	30 – 50 – 70 mm
Internal Branch Orientation	Retrograde





NEXUS DUO™ Anatomical Measures

Custom-made for procedural flexibility in complex aortic arch pathology

- Choice of second target vessel: Left subclavian or Left Common Carotid Artery
- Large range of sizes to accommodate a wide
- range of anatomies
- Retrograde branch orientation

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

Left common carotid or left subclavian artery

- Diameter of internal branch 10 mm
- Fenestration orientation (+30°)—(-30°)
- Distance between integrated branch and fenestration 30—70 mm

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 Stent Graft*

Diameter	Length
36 mm	40 mm
40 mm	55 mm
43 mm	70 mm

*All possible combinations of diameter and length are available, except 43 mm diameterand 40 mm length

Learn more at
endospan.com

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Custom made devices are a manufactured specific on a per patient basis and are subject to local regulations and guidelines. Not for use in the USA.

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