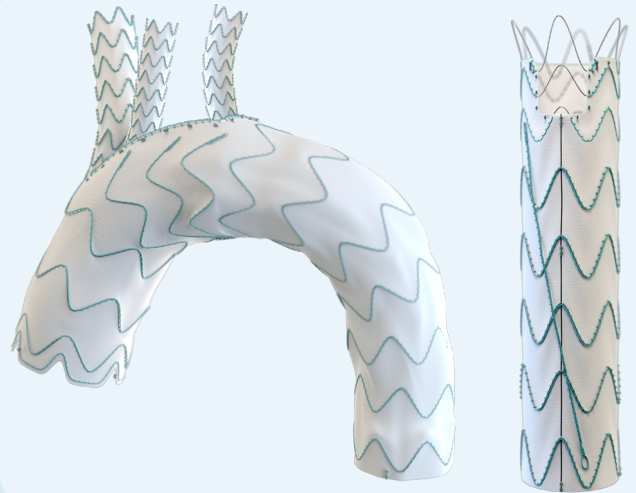


CUSTOM
RELAY[®]

Built to
Accommodate



Tailored Design for a Personalised Approach

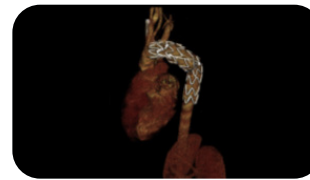
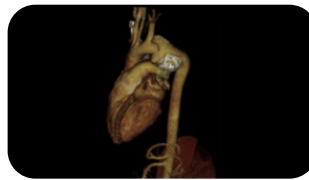
Relay's broad range of standard sizes & tapers is enhanced by the **ability to customise**, allowing a **personalised solution**.

CUSTOM
RELAY[®]
MULTI FEATURE

500+

patients treated in the last 3 years*

Proximal and distal Scallop



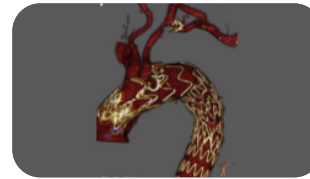
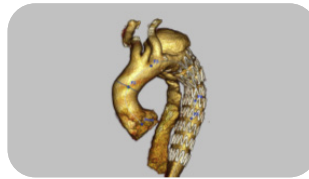
Proximal Scallop

1

Proximal Scallop

5%
Stroke rate at 30-day⁴

Proximal and distal Fenestration



Proximal Fenestration

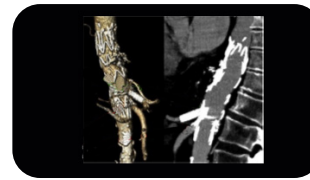
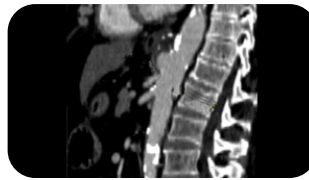
2

Proximal Scallop and Proximal Fenestration

100%
Technical Success²

Multi-Features

Scallop + Fenestration (Proximally or Distally)



Distal Scallop + Distal Fenestration

3

Proximal Scallop and Proximal Fenestration

100%
Target vessel patency through over 3-year follow-up²



WATCH ON VUMEDI
**Versatility of Custom Relay:
The Benefits**

“One year outcomes showed that the Relay proximal scallop stent graft is an acceptable answer to thoracic aortic disease to deal with short proximal landing zones.”⁴

1. Alsaffi et al. 2014. Endovascular treatment of thoracic aortic aneurysms with a short proximal landing zone using scalloped endografts. *Journal of Vascular Surgery (The Relay® Proximal Scallop devices are custom-made and are not CE-marked.)*
 2. Fernández-Alonso et al. 2020 - Fenestrated and Scalloped Endovascular Grafts in Z0 and Zone 1 for Aortic Arch Disease *Annals of Vascular Surgery*
 3. Natalicchio et al. 2018. Endovascular Repair of a Penetrating Aortic Ulcer with a Custom-made Relay Stent Graft Featuring a Single Celiac Trunk Fenestration and a Superior Mesenteric Artery Scallop. *Annals of Vascular Surgery*
 4. Derycke et al. 2023. Assessment of Thoracic Endovascular Aortic Repair Using Relay Proximal Scallop: Results of a French Prospective Multicentre Study. *European Journal of Vascular and Endovascular Surgery*
 * Based on internal data. (Correct at time of publication)



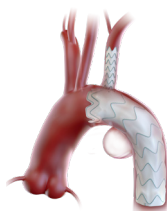
Addressing Challenges in the Arch

The Custom RelayBranch is designed for the **endovascular treatment of aortic arch pathologies.**

RELAY® BRANCH
THORACIC STENT-GRAFT SYSTEM

300+
patients treated in
the last 3 years*

Single Branch

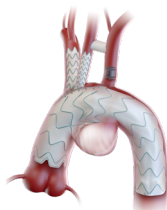


Retrograde Inner Branch for LSA + Proximal Scallop for LCCA

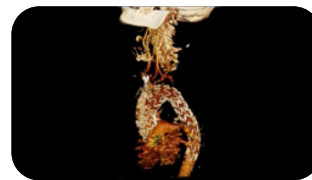


5

Double Branch

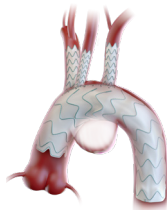


Double Branch + LSA-LCCA by-pass

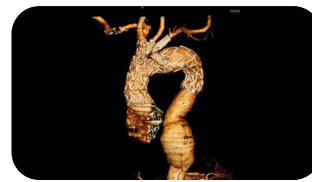


6

Triple Branch



Triple Branch



6

Double Branch

100%
Technical
Success⁷

Double Branch

0%
In-hospital and
30-d mortality⁸

Double Branch

2%
Type 1a
endoleak⁹



WATCH ON VUMEDI
**Built to Accommodate the Arch:
Single, Double, Triple Relay Branched**

“Total endovascular aortic arch repair using the RelayBranch device is technically feasible and effective in excluding aortic arch pathology”⁷ and “enriches the armamentarium for treating patients with aortic arch disease who cannot undergo open surgery.”¹⁰

As with any endovascular repair involving the aortic arch, implanting this type of device may lead to a neurological event and the associated risks should be thoroughly considered.

5. Case images courtesy of Dr. Florian Elger, Universitätsmedizin, Göttingen
6. Case images courtesy of Prof. Piotr Szopinski, Institute of Hematology and Transfusion Medicine, Warsaw
7. Van der Weijde et al. 2019. Total Endovascular Repair of the Aortic Arch: Initial Experience in the Netherlands. The Annals of Thoracic Surgery
8. Kudo et al. 2020. Early and midterm results of thoracic endovascular aortic repair using a branched endograft for aortic arch pathologies: A retrospective single-center study. JTCVS Techniques
9. Czerny et al. 2021. Results of endovascular aortic arch repair using the Relay Branch System. European Journal of Cardio-Thoracic Surgery
10. Ferrer et al. 2019. Italian Registry of doUble inner branch stent graft for arch Pathology (the TRIUMPH Registry). Journal of Vascular Surgery



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