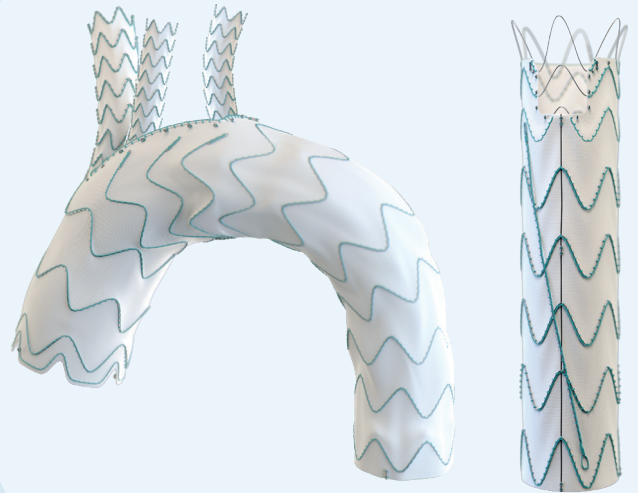


CUSTOM
RELAY[®]

Built to
Accommodate



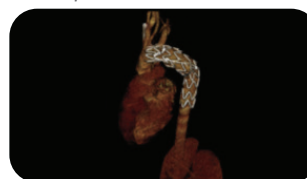
Tailored Design for a Personalised Approach

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*

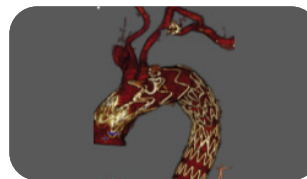
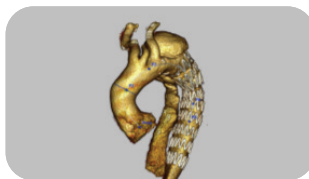
**Proximal and
Distal Scallop**



Proximal Scallop

1

**Proximal
and Distal
Fenestration**



Proximal Fenestration

2

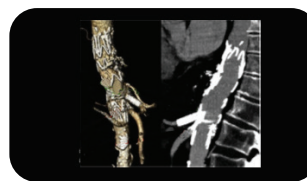
Multi-Features

Scallop + Fenestration
(Proximally or Distally)



Distal Scallop + Distal Fenestration

3



Proximal Scallop

5%

Stroke rate
at 30-day⁴
2/40

Proximal Scallop and
Proximal Fenestration

100%

Technical
Success²
14/14

Proximal Scallop and
Proximal Fenestration

100%

Target vessel patency
through over 3-year
follow-up²
14/14



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

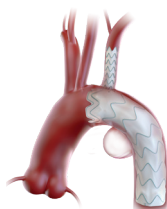
The Custom RelayBranch is designed for the **endovascular treatment of aortic arch pathologies.**

RELAY® BRANCH
THORACIC STENT-GRAFT SYSTEM

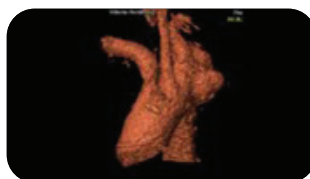
300+

patients treated in the last 3 years*

Single Branch



Retrograde Inner Branch for LSA + Proximal Scallop for LCCA



5

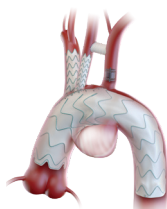
Double Branch

100%

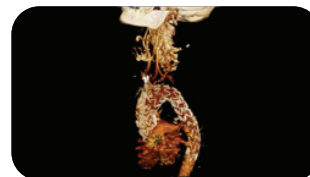
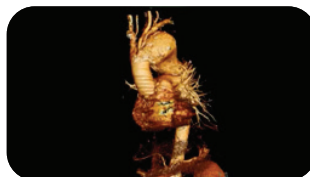
Technical Success⁷

11/11

Double Branch



Double Branch + LSA-LCCA by-pass



6

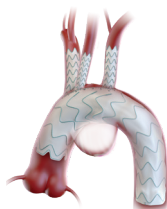
Double Branch

0%

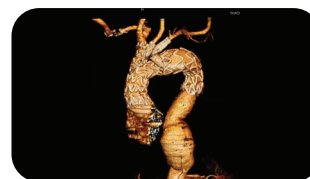
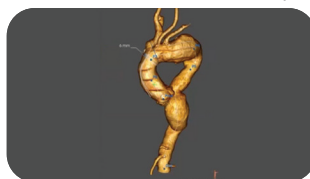
In-hospital and 30-d mortality⁸

0/28

Triple Branch



Triple Branch



6

Double Branch

2%

Type 1a endoleak⁹

1/43



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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