

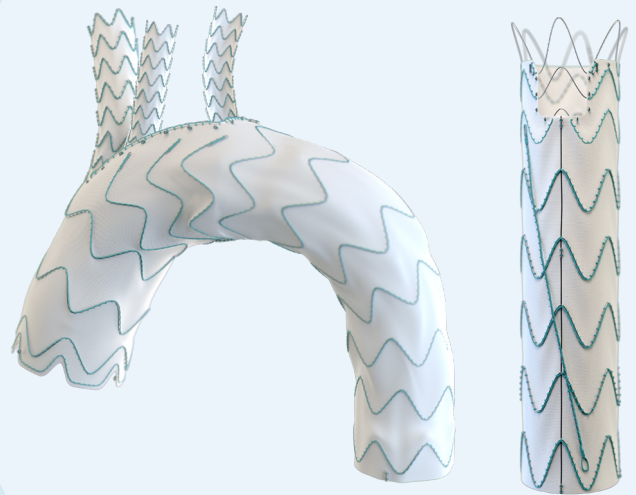


ADAPTABILITY AND VERSATILITY



CUSTOM  
**RELAY**<sup>®</sup>

Built to  
Accommodate



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**TERUMO**  
Aortic



# Tailored Design for a Personalised Approach

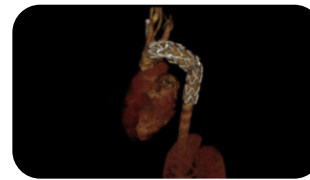
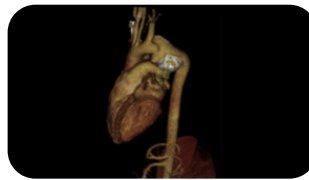
Relay's broad range of standard sizes & tapers is enhanced by the **ability to customise**, allowing a **personalised solution**.

CUSTOM  
**RELAY**<sup>®</sup>  
MULTI FEATURE

**500+**

patients treated in the last 3 years\*

**Proximal and distal Scallop**



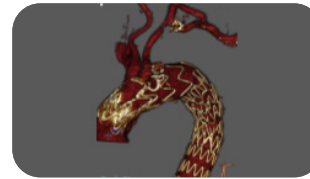
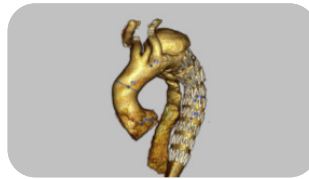
Proximal Scallop

1

Proximal Scallop

**5%**  
Stroke rate at 30-day<sup>4</sup>

**Proximal and distal Fenestration**



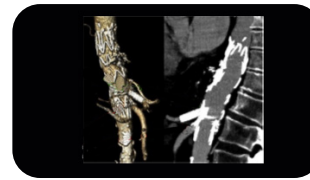
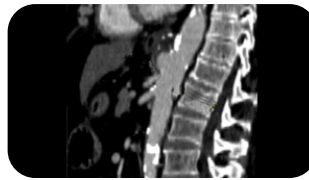
Proximal Fenestration

2

Proximal Scallop and Proximal Fenestration

**100%**  
Technical Success<sup>2</sup>

**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-up<sup>2</sup>



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.”<sup>4</sup>*

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

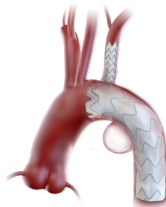
**RELAY® BRANCH**  
THORACIC STENT-GRAFT SYSTEM

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

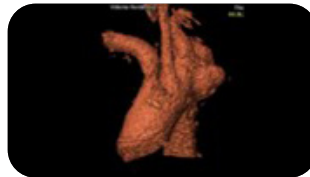
**300+**

patients treated in the last 3 years\*

Single Branch



Retrograde Inner Branch for LSA + Proximal Scallop for LCCA



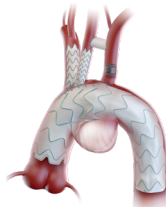
5

Double Branch

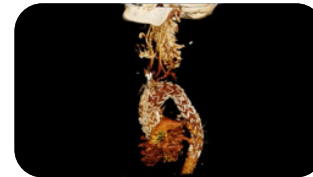
**100%**

Technical Success<sup>7</sup>

Double Branch



Double Branch + LSA-LCCA by-pass



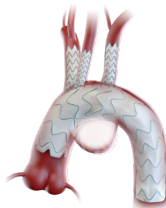
6

Double Branch

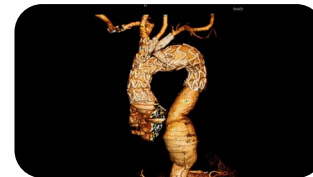
**0%**

In-hospital and 30-d mortality<sup>8</sup>

Triple Branch



Triple Branch



6

Double Branch

**2%**

Type 1a endoleak<sup>9</sup>



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”<sup>7</sup> and “enriches the armamentarium for treating patients with aortic arch disease who cannot undergo open surgery.”<sup>10</sup>*

*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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Bolton Medical Inc.  
799 International Parkway,  
Sunrise, FL 33325, United States

Custom made devices are specifically made in accordance with a written prescription of any person authorised by national law by virtue of that person's professional qualifications; which gives (1) specific design characteristics provided under that person's responsibility and (2) is intended for the sole use of a particular patient exclusively to meet their individual conditions and needs.

Custom made devices are not available in the US and availability is subject to local regulatory approval.

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