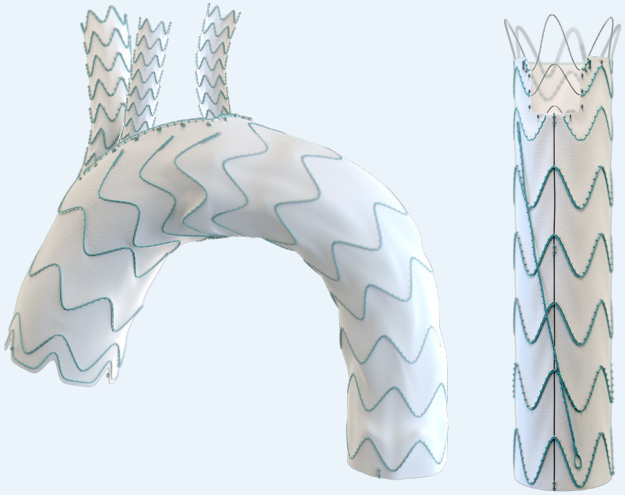
CUSTOM

RELAY®

Built to Accommodate



For more information, visit
terumoaortic.com/features-benefits

TERUMO AORTIC

Tailored Design for a Personalised Approach

CUSTOM RELAY® MULTI FEATURE

500+
patients treated in the last 3 years*

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

Proximal and distal Scallop

Proximal Scallop

1

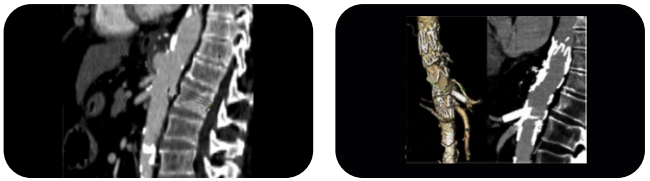
Proximal and distal Fenestration

Proximal Fenestration

2

Multi-Features
Scallop + Fenestration (Proximally or Distally)

Distal Scallop + Distal Fenestration



3

Proximal Scallop

5%
Stroke rate at 30-day [4]

Proximal Scallop and Proximal Fenestration

100%
Technical Success [2]

Proximal Scallop and Proximal Fenestration

100%
Target vessel patency through over 3-year follow-up [2]

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. Alsafi *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)

Custom Solutions

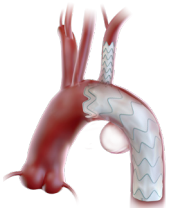
Addressing Challenges in the Arch

RELAY® BRANCH
THORACIC STENT-GRAFT SYSTEM

300+
patients treated in the last 3 years*

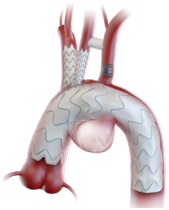
The Custom RelayBranch is designed for the **endovascular treatment of aortic arch pathologies**.

Single Branch

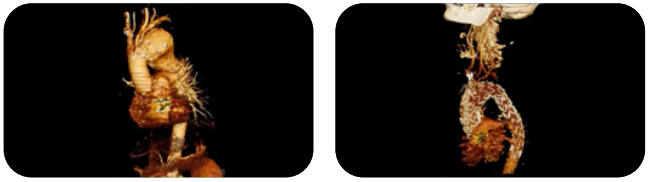


Retrograde Inner Branch for LSA + Proximal Scallop for LCCA [5]

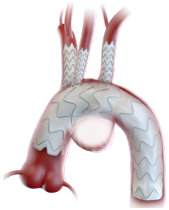
Double Branch



Double Branch + LSA-LCCA by-pass [6]



Triple Branch



Triple Branch [6]

Double Branch
100%
Technical Success [7]

Double Branch
0%
In-hospital and 30-d mortality [8]

Double Branch
2%
Type 1a endoleak [9]

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

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.

"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]

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

Custom Solutions

ROW

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PM-07722

View IFU at eifu.terumoaortic.com for more information on use, indications, contraindications and warnings/precautions.

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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.

For distributor information, visit terumoaortic.com/contact