

# RELAY<sup>®</sup> BRANCH

THORACIC STENT-GRAFT SYSTEM



Custom Solutions

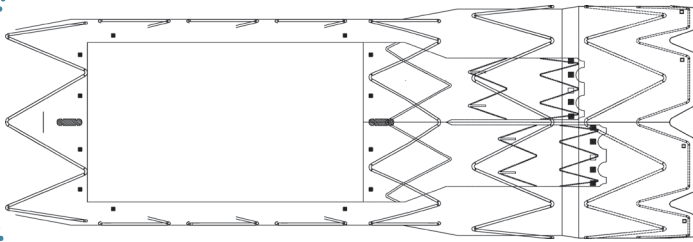
**TERUMO**  
Aortic

# Tailored

The Custom Relay® Branch provides a tailored treatment of aortic aneurysms.

- ▶ Delivery system pre-curved in order to provide a cannulation window for the superior curvature of the aorta<sup>2</sup>
- ▶ Dual sheath technology; an outer sheath for navigation in tortuous iliac vessels and an inner sheath for trackability even in acute and chronic bends
- ▶ Precise proximal landing and proximal seal by proximal clasp and delivery of the stent

Custom Designed



## Collaborative Service

Our dedicated team works hand in hand with you to develop functional solutions at every stage of the process

- ▶ Clinical case planners and engineers to collaborate with you on your proposed design
- ▶ Support from a dedicated and experienced clinical specialist
- ▶ Delivery three weeks from device design approval

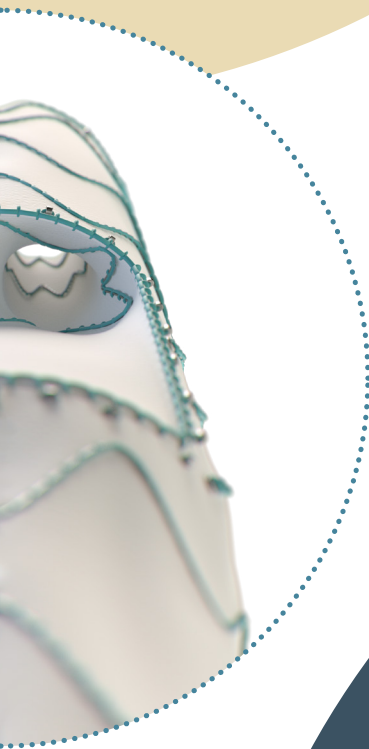
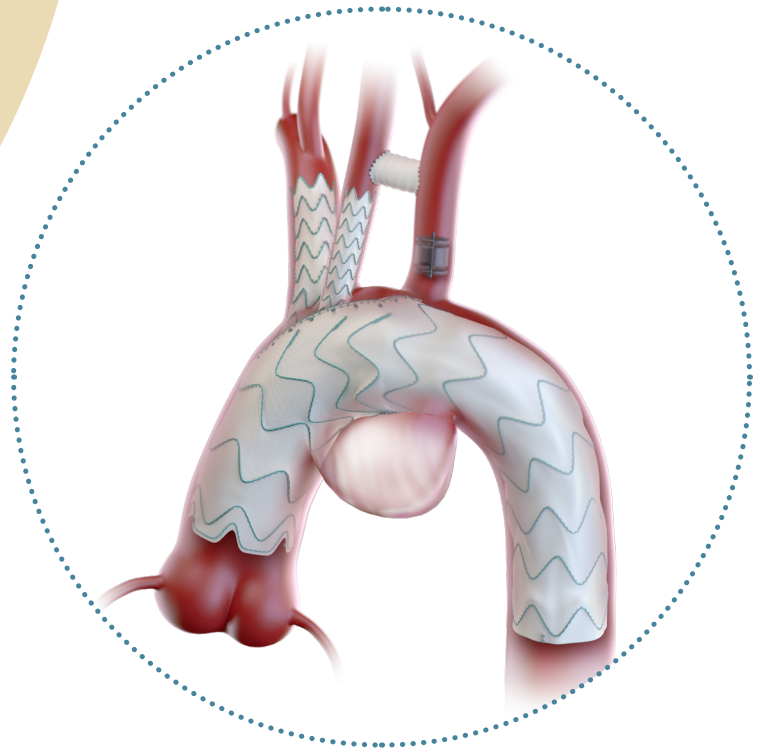
# Design

Provides an effective solution for the thoracic aortic arch disease<sup>1\*</sup>

Inner catheter aligns the supra-aortic branches to the outer

outer sheath to deliver pushability and a flexible inner sheath to provide access to complicated aortic curves<sup>3</sup>

Progressive apposition facilitated by the delivery system support wires<sup>3</sup>



## Clinical Performance

Custom made Relay<sup>®</sup>Branch enriches the armamentarium for treating patients with thoracic aortic disease<sup>4</sup>. Available in single, double and triple branch configurations.

- ▶ 100% proximal sealing through mean follow up 4 years
- ▶ 100% technical success
- ▶ 229±48 minutes mean operative time including cervical bypassing<sup>5</sup>

Kudo, T. et al., 2020 Study of 28 patients with single and double branch Relay<sup>®</sup>Branch

# References

1. Van der Weijde, E. et al. (2019) 'Total Endovascular Repair of the Aortic Arch: Initial Experience in the Netherlands', *The Annals of Thoracic Surgery*.
2. Ferrer, C. et al. (2019) 'Italian Registry of double inner branch stent graft for arch Pathology (the TRIUMPH Registry)', *Journal of Vascular Surgery*, 70(3), pp. 672-682.e1.
3. Riambau, V. et al. (2015) 'Application of the Bolton Relay® Device for Thoracic Endografting In or Near the Aortic Arch', *AORTA*, 3(1), pp. 16-24.
4. Czerny, M. et al. (2018) 'Orthotopic branched endovascular aortic arch repair in patients who cannot undergo classical surgery', *European Journal of Cardio-Thoracic Surgery*, 53(5), pp. 1007-1012
5. Kudo, T. 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*.

*\*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.*

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Discover solutions for every segment of the aorta



Visit our website for more information on use, indications, contraindications, warnings/precautions and availability within your market.

Custom made devices are specifically made in accordance with a written prescription of any person authorized 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.

Manufactured by: Bolton Medical Inc, 799 International Parkway, Sunrise, Florida 33325, United States

OUS\_0225-A Oct22 • PM-06232

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