

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



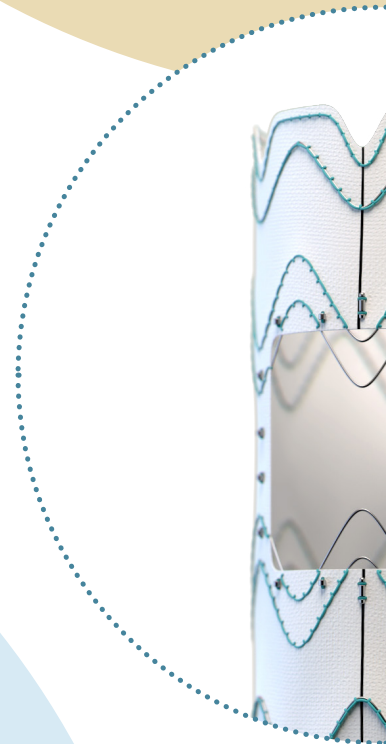
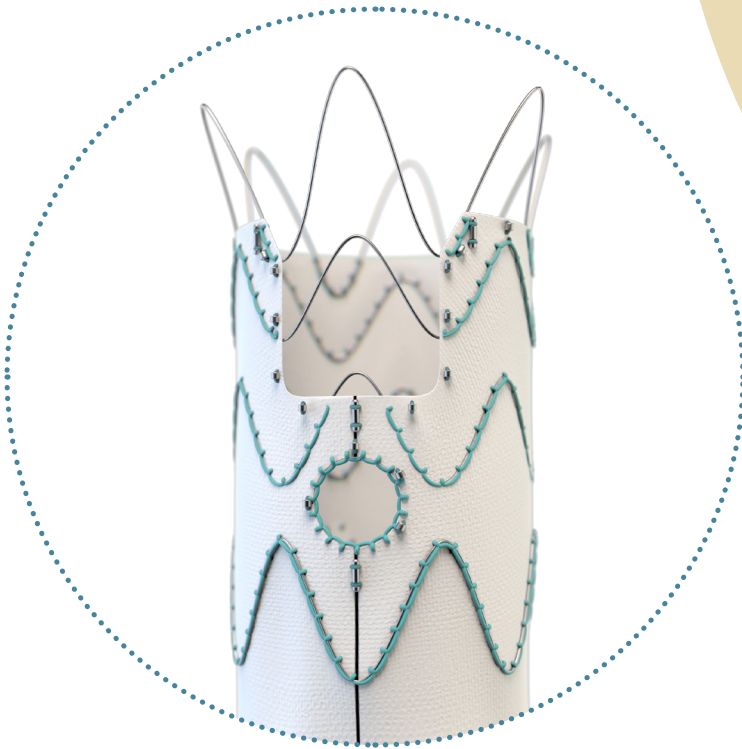
Custom Solutions

**TERUMO**  
Aortic

# Tailored

Custom Relay Multi Feature utilises the proximal capture mechanism of the Relay delivery system to capture the device in the desired location and provide a stable anchor.

- ▶ Increase the proximal landing zone, reducing the risk of compromising supra-aortic vessels with distal scallops and fenestrations
- ▶ Distal scallops to accommodate vessel tortuosity, SMA distally and increase stability
- ▶ Accurate positioning during deployment, allowing for custom rotational positioning of the Multi Feature device on the vessel



## Collaborative Service

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

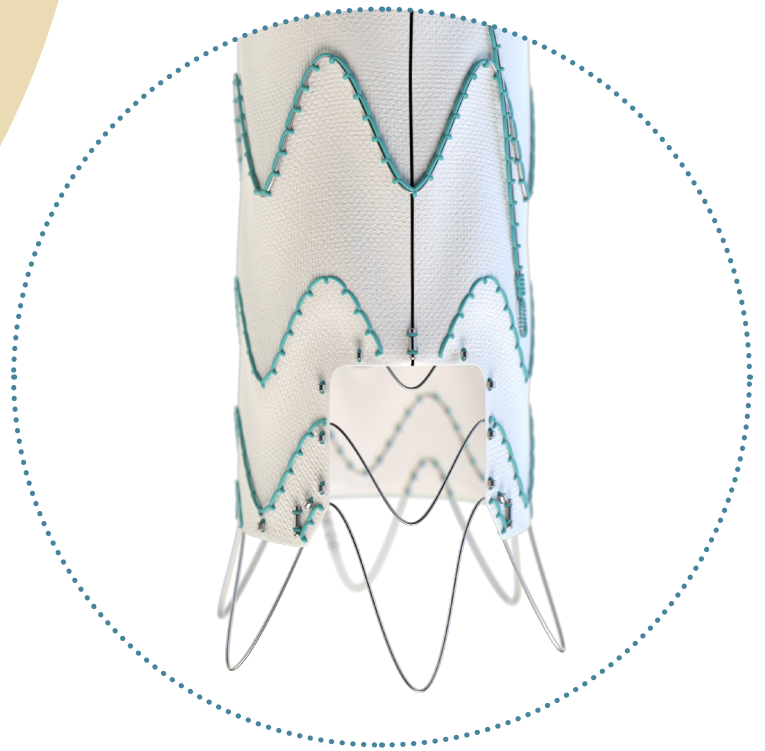
- ▶ Clinical case planners and engineers to collaborate with you on your proposed design
- ▶ Support from a dedicated and experienced clinical specialist
- ▶ Delivery three weeks from device design approval

# Design

Pre-curved inner catheter and tip  
Delivery system to systematically place features  
Robust platform for deployment.<sup>1,2</sup>

Sealing zone without  
Compromising aortic trunk patency with  
Stents<sup>1,3</sup>

Accommodate celiac trunk and  
Distal sealing and fixation<sup>4</sup>  
Facilitating deployment through  
Positioning of your Custom Relay  
The delivery system<sup>1</sup>



## Custom Features

- ▶ Tapers, reverse tapers
- ▶ Proximal and distal scallops
- ▶ Square and round fenestrations including distal fenestrations
- ▶ Large diameter up to 48mm, small diameter from 20mm
- ▶ Long grafts >250mm, short grafts <100mm, short ascending devices
- ▶ Coarctation devices
- ▶ Candy plug devices

# References

1. Fernández-Alonso, L. et al. (2020) 'Fenestrated and Scalloped Endovascular Grafts in Zone 0 and Zone 1 for Aortic Arch Disease', *Annals of Vascular Surgery*, 69, pp. 360–365.
2. van der Weijde, E. et al. (2017) 'Results From a Nationwide Registry on Scalloped Thoracic Stent-Grafts for Short Landing Zones', *Journal of Endovascular Therapy*, 24(1), pp. 97–106.
3. Alsafi, A. et al. (2014) 'Endovascular treatment of thoracic aortic aneurysms with a short proximal landing zone using scalloped endografts', *Journal of Vascular Surgery*, 60(6), p. 8.  
*Custom Relay® Multi Feature devices are custom-made and are not CE-marked.*
4. Da Rocha, M. et al. (2010) 'Experience with a Scalloped Thoracic Stent Graft: A Good Alternative to Preserve Flow to the Celiac and Superior Mesenteric Arteries and to Improve Distal Fixation and Sealing', *Vascular*, 18(3), pp. 154–160.

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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 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.

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

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