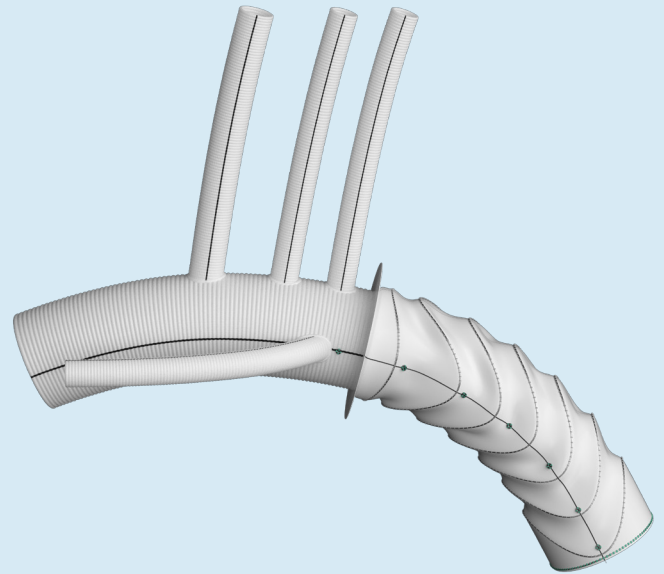


## **thoraflex™ hybrid**

Conforming Arch  
Surgery to the  
Gold Standard



# Gold Standard, Surgical Confidence

Deliver proven outcomes when treating your patient's complex aortic arch pathology, utilising innovative Terumo Aortic Hybrid Solutions.

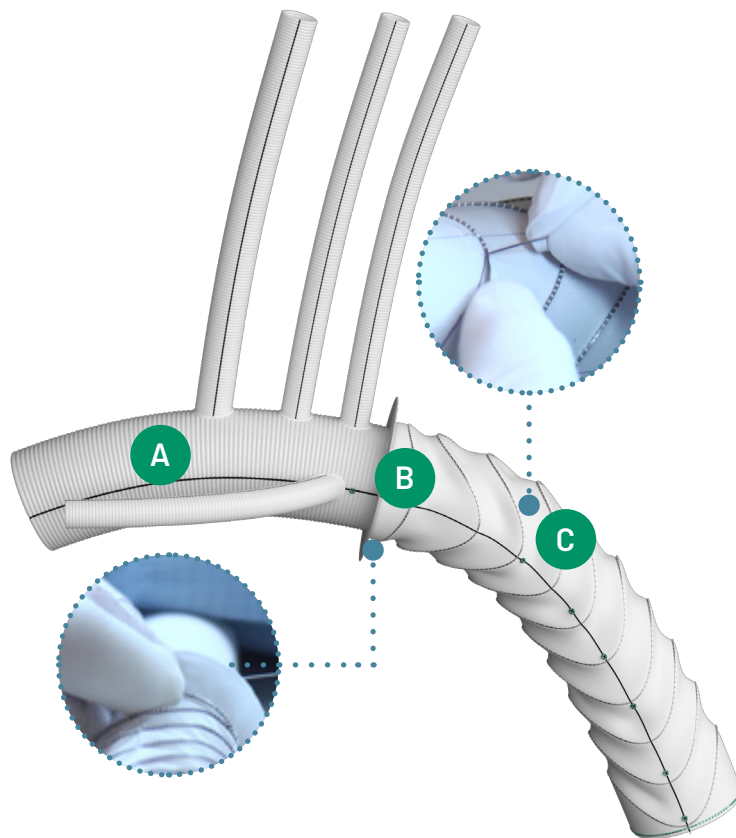
- A** 100% gelatin sealed Gelweave™ surgical graft and polyester stent graft
- B** Suture collar facilitates haemostatic distal anastomosis to the aorta
- C** “The unique nitinol ring stent design allows the graft to sit well within the native aortic arch, through most angulations”<sup>1</sup>

“In a real world setting, FET with Thoraflex Hybrid demonstrated feasibility and good clinical outcomes, even in emergent setting.”<sup>2</sup>



WATCH ON VUMEDI

Long-term Results of the Frozen Elephant Trunk Technique using the Thoraflex Hybrid Prosthesis



**10+ Years**  
CLINICAL DATA

**16,000+**  
IMPLANTS\*

1. Chu, M.W *et al*, 2019. Early clinical outcomes of hybrid arch frozen elephant trunk repair with the thoraflex hybrid graft. *The Annals of Thoracic Surgery*, 107(1), pp.47-53.

2. Masiello, P *et al*, 2022. Frozen elephant trunk procedure for complex aortic arch surgery: The Salerno experience with Thoraflex hybrid. *Journal of Cardiac Surgery*, 37(1), pp.107-114.

\* Based on internal global sales data held within Terumo Aortic

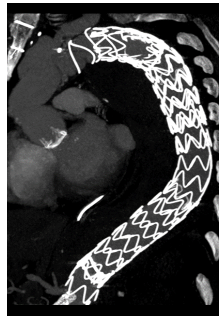
# Gold Standard, Thinking Ahead

With up to **33% of FET repairs needing a future downstream intervention**,<sup>3</sup> on-label endovascular extension, using RelayPro with Thoraflex Hybrid, is indicated to complete the downstream repair.

RelayPro offers the ideal endovascular solution to treat FET patients with more extensive disease, by virtue of:

- ▶ NBS (non-bare stent) configuration
- ▶ Low profile delivery system

*“Downstream TEVAR following the FET procedure is associated with excellent clinical outcomes. We thus maintain that staging thoracic aortic repair-FET and secondary TEVAR-is a very successful and safe strategy.”<sup>4</sup>*



**RELAY<sup>®</sup> PRO**  
THORACIC STENT-GRAFT SYSTEM

3. Kreibich, M et al, 2020. Aortic reinterventions after the frozen elephant trunk procedure. *The Journal of Thoracic and Cardiovascular Surgery*, 159(2), pp.392-399.

4. Kreibich, M et al, 2022. Downstream thoracic endovascular aortic repair following zone 2, 100-mm stent graft frozen elephant trunk implantation. *Interactive Cardiovascular and Thoracic Surgery*, 34(6), pp.1141-1146.



Discover solutions for every segment of the aorta  
[terumoaortic.com](https://www.terumoaortic.com)

