

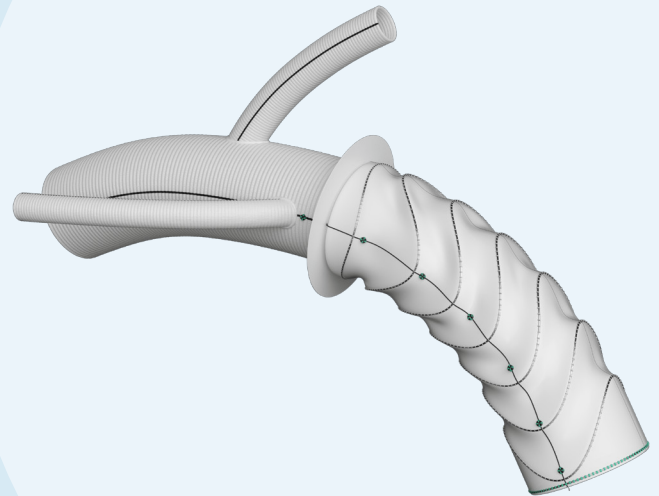


ADAPTABILITY AND VERSATILITY



custom thoraflex™ **hybrid**

Experience
Optimised Intervention



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

TERUMO
Aortic



Tailored Solutions Adapted for Patient Needs

thoraflex™ hybrid

A ARCH BRANCHES

- ▶ 0-7 main branches (including bifurcate/side branch)*
- ▶ Adjusted angles, positioning and spacing*
- ▶ Diameters of 8/10/12/14/16/18mm*
- ▶ Lengths up to 150mm*

B SIDE BRANCH

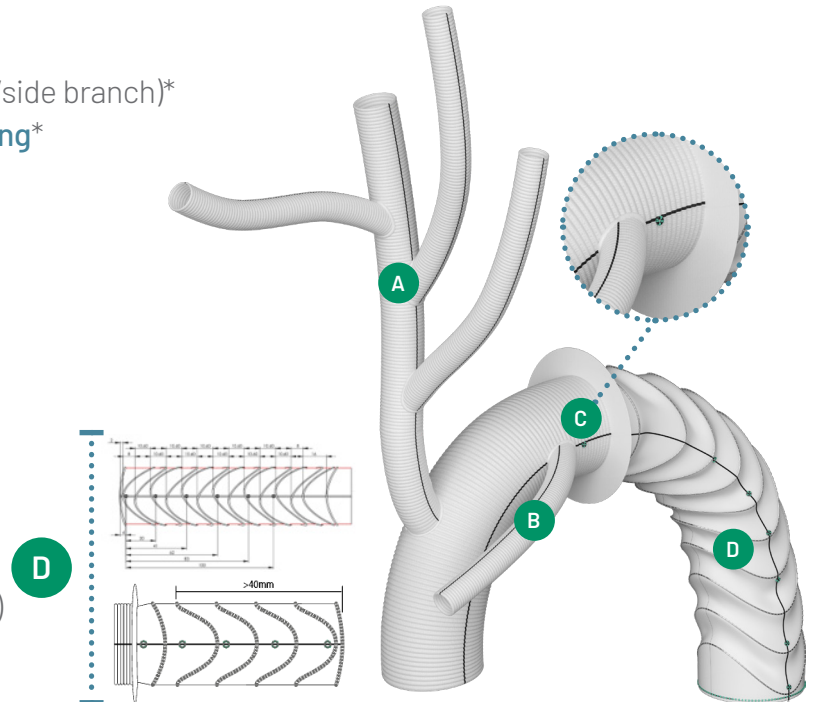
- ▶ Adjusted angles and orientation*
- ▶ Diameter 10mm

C RADIOPAQUE MARKERS

- ▶ Maximum of 2 (main body)
- ▶ Flexible positioning*

D STENT OPTIONS

- ▶ Extra Mid-rings (increased Radial force)
- ▶ Shorter stent (60mm minimum length)
- ▶ Combination of the two



“A modification to the standard Thoraflex Hybrid design allowed **improvement in operating times**, complete and continuous cerebral trivascular perfusion, and **correct positioning of the intrathoracic vessels.**”¹



WATCH ON VUMEDI

The Worlds First Custom Thoraflex Hybrid FET Device Case Report



* Customisable within parameters

1. Masiello P *et al.* 2023. A Modified frozen elephant trunk hybrid device to facilitate supra-aortic trunk anastomosis. *Journal of Cardiac Surgery*. 36:371-373
 2. Image courtesy of Di Eusanio M & Gatta E. 2023. T-Next: A new custom-made Thoraflex graft to simplify proximal and distal aortic reinterventions. *European Journal of Cardio-Thoracic Surgery*. 63 (6):1-3





Versatility of Choice



Thoracoflo™ Custom Thoracoabdominal Hybrid Graft

“A viable alternative for patients unsuitable for endovascular repair.”³

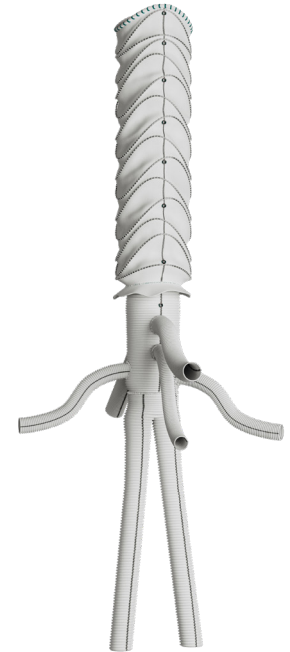
Advantages over traditional open Crawford technique:

- ▶ Avoids aortic cross clamping³
- ▶ Avoids extracorporeal circulation³
- ▶ Avoids thoracotomy³ (Smaller abdominal incision)
- ▶ Reduced ischaemia time³



30

implants performed
worldwide**



*“The Thoracoflo procedure has several advantages over the traditional open Crawford technique. Without the need for thoracotomy, extracorporeal circulation, and cross clamping, **the procedure is shorter and less invasive.** In addition, as the visceral and lumbar arteries are constantly under pulsatile retrograde flow, the **risk of spinal cord and visceral ischaemia is reduced.**”³*



WATCH ON VUMEDI
Hybrid Technology Addressing
Thoracoabdominal Challenges

** Based on internal data (as of February 2024)

3. ES Debus et al. 2023. First in Human Implantation of the Thoracoflo Graft: A New Hybrid Device for Thoraco-Abdominal Aortic Repair. *EJVES Vascular Forum*. 58:28-31






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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.

