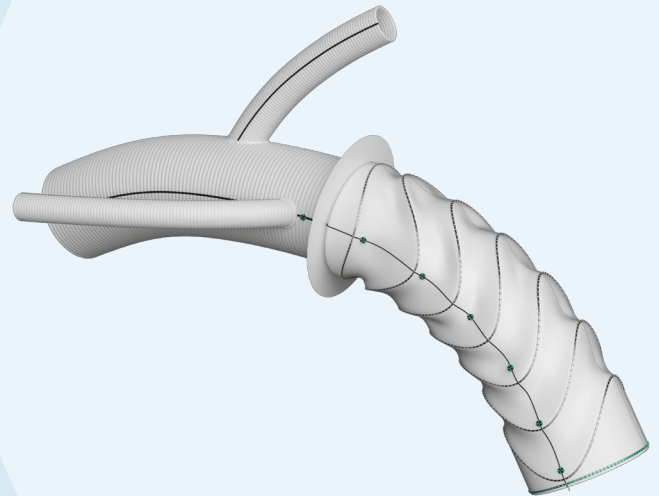
 custom thoraflex™ **hybrid**

Experience  
Optimised Intervention



# 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

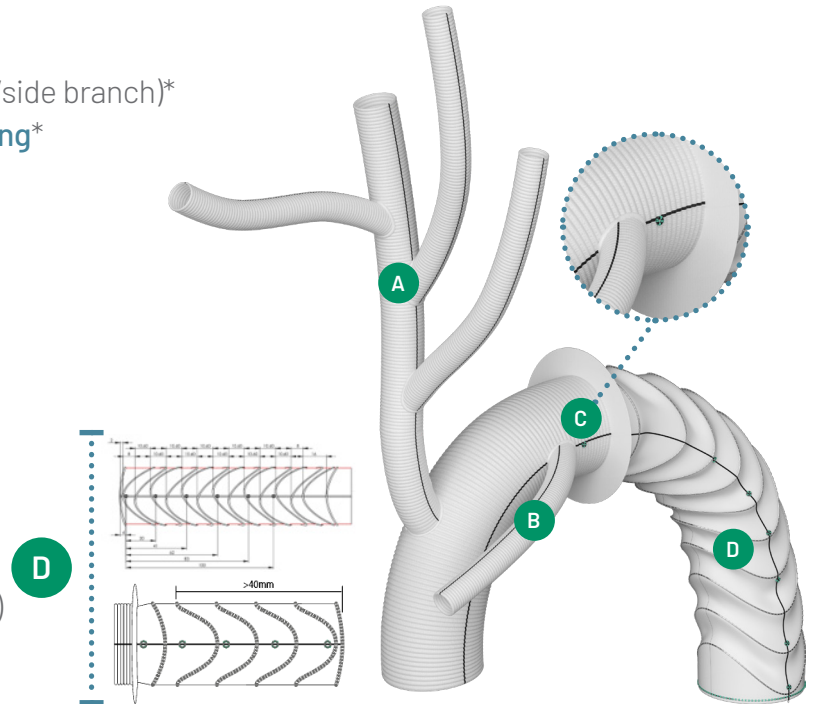
- ▶ Adjusted angles and orientation\*
- ▶ Diameter 10mm

## 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.**”<sup>1</sup>



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

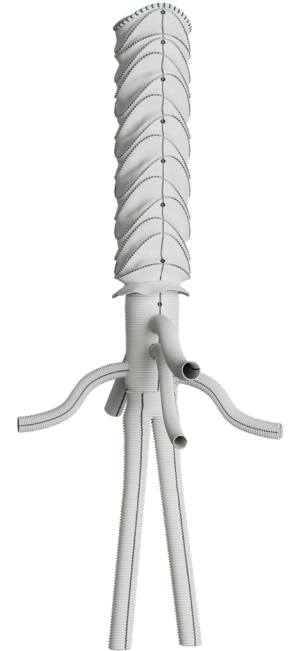
*“A viable alternative for patients unsuitable for endovascular repair.”<sup>3</sup>*

Advantages over traditional open Crawford technique:

- ▶ Avoids aortic cross clamping<sup>3</sup>
- ▶ Avoids extracorporeal circulation<sup>3</sup>
- ▶ Avoids thoracotomy<sup>3</sup> (Smaller abdominal incision)
- ▶ Reduced ischaemia time<sup>3</sup>



**40**  
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.**”<sup>3</sup>*



WATCH ON VUMEDI  
Hybrid Technology Addressing  
Thoracoabdominal Challenges

\*\* Based on internal data (as of December 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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