Conforming Arch Surgery to the Gold Standard

For more information, visit terumoaortic.com/features-benefits
Gold Standard, Safety in the Arch

**Multiple configurations** to provide optimal outcomes for broad patient population

“Because of the unique design of the Thoraflex Hybrid graft, reperfusion of the lower body can be started immediately after completion of the distal anastomosis. This may help in reducing HCA duration and the risk for spinal cord injury.”

**INDIVIDUAL SUPRA-AORTIC BRANCHES**
- Enables independent replacement of dissected or diseased vessels
- Improved visualization in case of suture line bleeding

**SIDE PERFUSION BRANCH**
- Early rewarming
- Facilitates reduced systemic, cerebral and cardiac arrest times

**REDUCED MORTALITY**
“The FET technique does allow some total aortic arch repairs to become a single-stage procedure and thus reduce the potential mortality associated with two-stage procedures.”

---

1. Results from Thoraflex Hybrid Post-Market Study (THOR) - NCT03414866 (unpublished).

---

**USA SAFETY & EFFICACY**

**8.1%**
30 day mortality rate

(Acute Thoracic Aortic Syndrome)

---

**Figure 1:** Separate branch technique. (A) Preoperative 3D-reconstructed CT-scan. (B) Postoperative 3D-reconstructed CT-scan. Supracoronary ascending aorta and total arch repair with 4-branch graft hybrid prosthesis as FET. The left subclavian artery is revascularised using an extra-anatomic transpleural dacron graft. CT, computed tomography; FET, frozen elephant trunk.
**Gold Standard, The Effective Solution**

**Ring Stent** designed to cater to different anatomies with positive remodeling in both elective and acute settings.

"Total aortic arch replacement with a Thoraflex Hybrid prosthesis is the most effective operative technique for type A aortic dissection."  

"It causes rapid thrombosis of the false lumen and promotes a beneficial remodeling of the distal aorta."

---

**Thoraflex Hybrid**

Global regulatory approvals including

EU (2012), US (2022), Japan (2023)

---

Discover solutions for every segment of the aorta

terumoaortic.com

LinkedIn  VuMedi  X