DARTS I Acute Type A Aortic Dissection Trial

JOTEC® | AMDS Hybrid Prosthesis*

Midterm Results (n=46)

Prospective, non-randomized, multi-center trial

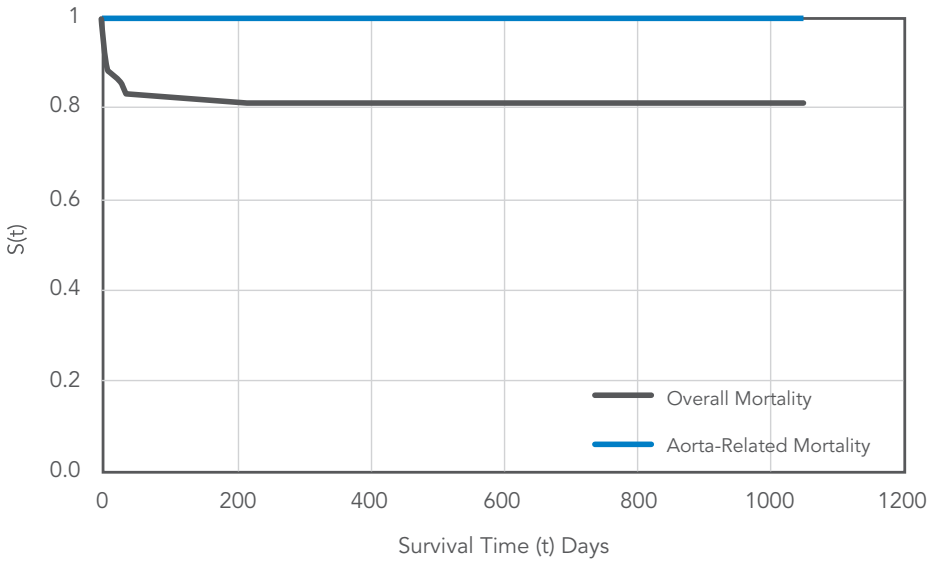
Objective

Evaluate the clinical performance of the Asyrus Medical Dissection Stent Hybrid Prosthesis (AMDS) for the treatment of acute DeBakey Type I dissections

Baseline Characteristics

- 56.5% malperfusion of one or more vessel
- All-comer patients with acute DeBakey I dissection - patient enrollment at the discretion of the participating site

Freedom from Overall and Aorta-Related Mortality



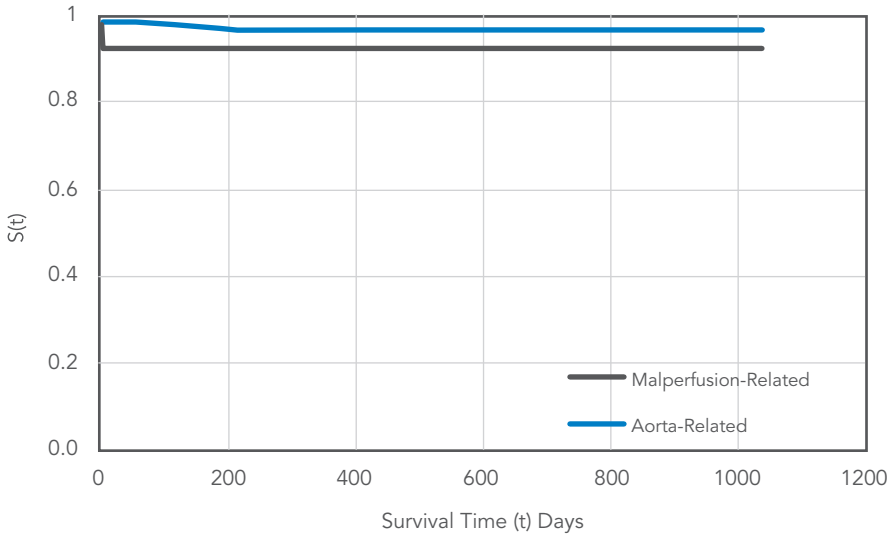
Arch Remodeling

- 100% stabilization or reduction in total aortic diameter
- 100% increase or stabilization of true lumen diameter
- 74.3% complete false lumen obliteration or thrombosis

CryoLife® Life Restoring Technologies®

JOTEC® | **AMDS** Hybrid Prosthesis*

Freedom from Malperfusion-Related and Aorta-Related Reintervention



Main Clinical Findings

- Favorable remodeling across the aortic arch
- Effective one-stage resolution of malperfusion
- Median AMDS implantation time: < 10 min.
- 100% successful device deployment
- 0% spinal cord ischemia
- Mortality: 30-day: 13.0%, Aorta-related: 0%
- New stroke: 6.5%

No Device Related Complications Reported To Date

Conclusions

The AMDS hybrid prosthesis together with standard surgical repair can improve survival, induce arch remodeling and reduce reintervention rates involving the aortic arch.

Summary of Journal Pre-proof of Bozso SJ et al. "Midterm Outcomes of the Dissected Aorta Repair Through Stent Implantation Trial", The Annals of Thoracic Surgery (2020), doi: https://doi.org/10.1016/ j.athoracsur.2020.05.090.

*Ascyrus Medical Dissection Stent Hybrid Prosthesis
CAUTION: Only to be used by trained and certified physicians. Devices not approved for use in all markets.

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