



# CardioGRAFT<sup>®</sup>

## Thoracic Aorta Conduit

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**Clinical Overview** CardioGraft Thoracic Aorta Conduit is a human proximal section of the descending aorta.

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- Applications**
- Aortic reconstruction
  - Infected descending aorta
  - Conduit repair
  - Extra cardiac shunt
  - Aortic aneurysm repair
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- Features & Benefits**
- **Human Tissue:** Closely resembles autograft; compliant, flexible, easy to handle and suture.
  - **Resistant to Infection:** Natural ability to resist infection.<sup>1,2,3</sup>
  - **Convenient:** Availability in various sizes to best fit the patient's anatomy.
  - **Reduced Thrombosis Potential:** Alleviates the need for anticoagulation therapy.<sup>3,4</sup>
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## CardioGraft Thoracic Aorta Conduit

Cryopreserved Storage (-120°C and Below), 7 Year Shelf Life

Description	Diameter	Order Code
Small	less than or equal to 16 mm	TAS
Medium	17 to 21 mm	TAM
Large	greater than or equal to 22 mm	TAL

**Fragile.** Store at liquid nitrogen (LN<sub>2</sub>) vapor phase temperature (-120°C and below) and carefully follow the thaw and dilution instructions.

Instructions for use available at [LifeNetHealth.org/IFU](https://www.lifenethealth.org/IFU)

### References

1. Kirklin et al. Aortic Valve Endocarditis with Aortic Root Abscess Cavity: Surgical Treatment with Aortic Valve Homograft. *Ann Thorac Surg* 45:674-677, June 1988.
2. Tuna et al. Results of Homograft Aortic Valve Replacement for Active Endocarditis. *Ann Thorac Surg* 1990; 49: 619-24.
3. Hopkins et al. *Cardiac Reconstructions with Allograft Tissues*. Springer 2005.

