



CardioGRAFT®

Ascending Aorta Conduit (non-valved)

Clinical Overview

CardioGraft Ascending Aorta Conduit is a cryopreserved human aortic conduit with excised aortic and mitral leaflets for ascending aortic reconstruction.

Applications

- Aortic reconstruction
- Valve sparing aortic root replacement
- Aortic root/ascending aortic aneurysm repair/reconstruction
- David procedure

Features & Benefits

- **Human Tissue:** Closely resembles autograft; compliant, flexible, easy to handle and suture.
- **Resistant to Infection:** Natural ability to resist infection.^{1,2,3}
- **Convenient:** Availability in various sizes to best fit the patient's anatomy.
- **Reduced Thrombosis Potential:** Alleviates the need for anticoagulation therapy.^{3,4}





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

Description	Diameter	Order Code
Small	less than or equal to 16 mm	AAS
Medium	17 to 21 mm	AAM
Large	greater than or equal to 22 mm	AAL

Fragile. Store at liquid nitrogen (LN₂) 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.
4. Petterson, Coselli, et al. 2016 The American Association for Thoracic Surgery (AATS) consensus guidelines: Surgical treatment of infective endocarditis. *Journal of Thoracic and Cardiovascular Surgery*, 2017; 153: 1241-1258.

