



CardioGRAFT®

Hemi Pulmonary Artery (right or left)

Clinical Overview CardioGraft Hemi Pulmonary Artery is a cryopreserved human pulmonary artery patch used for cardiac repair and reconstruction.

- Applications**
- Tetralogy of Fallot
 - Pulmonary Atresia
 - Outflow Tract/Root Reconstruction
 - Truncus Arteriosus
 - Transposition of Great Arteries
 - Hypoplastic Left Heart Syndrome
 - Pulmonary Stenosis/Atresia
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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.^{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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CardioGraft Hemi Pulmonary Artery (right or left)

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

Description	Diameter	Order Code
Right (no leaflet)	Varies by donor. Multiple options.	RHPA
Left (no leaflet)	Varies by donor. Multiple options.	LHPA

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.

