



CardioGRAFT[®]

Pulmonary Valve

Clinical Overview CardioGraft Pulmonary Valves are cryopreserved human pulmonary valves for pulmonary valve replacement.

- Applications**
- Tetralogy of Fallot
 - Pulmonary Stenosis
 - Infective Endocarditis
 - Ross Procedure
 - Valve Regurgitation
 - Valve 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 Pulmonary Valve

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

Description	Diameter	Order Code
Small	less than or equal to 16 mm	HVP-S
Medium	17 to 21 mm	HVP-M
Large	greater than or equal to 22 mm	HVP-L

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.

