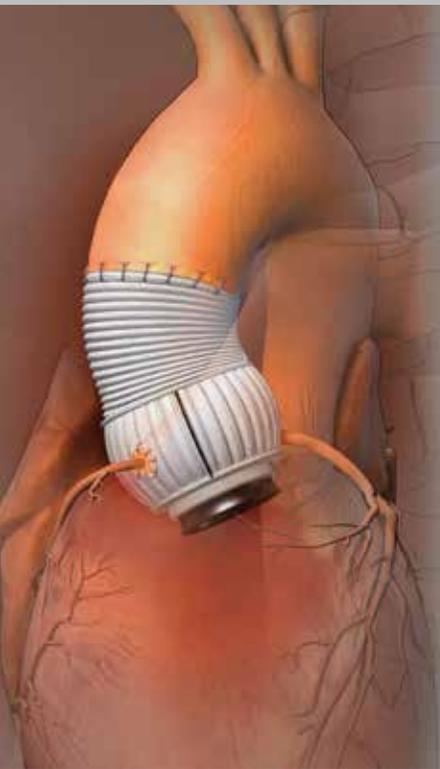


On-X[®]
STEP AHEAD

Ascending Aortic Prosthesis
with Vascutek[®] Gelweave[®] Valsalva[™] Graft

The Most Advanced Aortic Valved Conduit with:



- On-X Aortic Valve with optimal hemodynamics¹
- Valsalva Graft with geometry that mimics the sinus of Valsalva²



CryoLife[®]
Life Restoring Technologies[®]

The **On-X Ascending Aortic Prosthesis** (AAP) is indicated for the replacement of a diseased, damaged, or malfunctioning native or prosthetic heart valve in the aortic position in cases that involve an ascending aortic aneurysm or other associated aortic disease.²

The **Gelweave Valsalva Vascular Prosthesis** is a woven polyester prosthesis designed to mimic the geometry of the sinus of Valsalva. The graft is impregnated with an absorbable protein (modified mammalian gelatin) to eliminate pre-clotting of the graft in surgery.²

- 1 90° leaflets:**² promotes laminar flow
- 2 Pure pyrolytic carbon:** reduces thrombogenicity³
- 3 Flared inlet:** prevents pannus; organizes flow
- 4 Valsalva graft:** mimics the geometry of the sinus of Valsalva²
- 5 Conform-X PTFE sewing ring:** for ease of suturing



Product Specifications

Valve Size	Catalog Number	Valve Internal Diameter (mm)	Sewing Ring Diameter (mm)	Graft Internal Diameter (mm)	Graft Length (cm)
19	ONXAAP-19	17.4	27	20	11
21	ONXAAP-21	19.4	30	22	11
23	ONXAAP-23	21.4	33	24	11
25	ONXAAP-25	23.4	34	26	11
27/29	ONXAAP-27/29	23.4	36	26	11

Optimal Hemodynamics:

"...[In comparison to the On-X AAP,] no non-native aortic valve has been able to produce 3D, in vivo haemodynamics that so closely approach flow patterns observed in healthy volunteers."¹

Learn more at: www.CryoLife.com

1. Keller EJ, et al., *Interact CardioVasc Thorac Surg* (2016) 23(3):416-423.

2. On-X Ascending Aortic Prosthesis Instructions for Use.

3. LaGrange L et al., *Compatibility of carbon and blood*. Hegyeli RJ, Editor, *Proceedings, Artificial Heart Program Conference*, Washington, DC, June 9-13, 1969, 47-58.

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