

# Proven Porcine Heart Valves

From  VASCUTEK  
TERUMO

**aspire™**

**Fresh mounted for durability**



## Stented Aortic\*

- Single piece tissue component ensures retention of proper anatomical valve shape
- Unique fresh mounting minimises bending stresses on the valve
- Allows correct sizing and valve alignment

**elan™**

**The natural alternative**



## Stentless Aortic

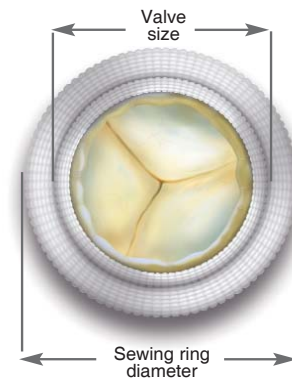
- Single piece design preserves the natural anatomy and optimises valve function
- Handling characteristics similar to a homograft
- The proven elan™ valve demonstrates “... very low transvalvular gradients, good flow characteristics and low regurgitation rates”<sup>1</sup>

***Low pressure fixation ensures long term material biostability creating a durable and reliable valve<sup>2</sup>***

\* Also available in a Mitral design

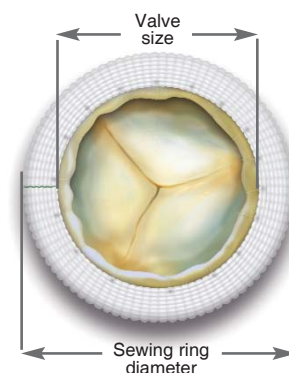
## aspire™ - Stented Aortic

Catalogue Number	Valve Size (mm)	Orifice Diameter (mm)	Sewing Ring Outside Diameter (mm)
A44-20	20	18	23
A44-21	21	19	24
A44-23	23	21	26
A44-25	25	23	28
A44-27	27	25	30



## aspire™ - Stented Mitral

Catalogue Number	Valve Size (mm)	Orifice Diameter (mm)	Sewing Ring Outside Diameter (mm)
M55-25	25	23	30
M55-27	27	25	32
M55-29	29	27	34
M55-31	31	29	36
M55-33	33	31	38



## elan™ - Stentless Aortic

Catalogue Number	Valve Size (mm)
AV33/P19	19
AV33/P21	21
AV33/P23	23
AV33/P25	25
AV33/P27	27
AV33/P29	29

Sizer Sets	
Catalogue Number	Description
014	elan™ valve sizes 19-29mm with handle
015	aspire™ aortic valve sizes 20-27mm with handle
016	aspire™ mitral valve sizes 25-33mm with handle
017	Universal handle for the elan™, aspire™ aortic and mitral valves

### References

1. **The Aortech Elan Stentless Valve: Excellent Haemodynamics and Ease of Implantation.** Flynn M et al. *Seminars Thoracic Cardiovascular Surgery* 2001 Oct; 13(4 Suppl 1):48-54
2. **Glutaraldehyde as a Fixative in Bioprostheses and Drug Delivery Materials.** Jayakrishnan A and Jameela SR. *Biomaterials* 17 (1996) 471-484.



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