Carpentier-Edwards Bioprosthesis

Edwards Lifesciences' porcine valves combine rigorous tissue selection, fixation technology and advanced manufacturing components that have set the industry standard.

Our Carpentier-Edwards valves feature:

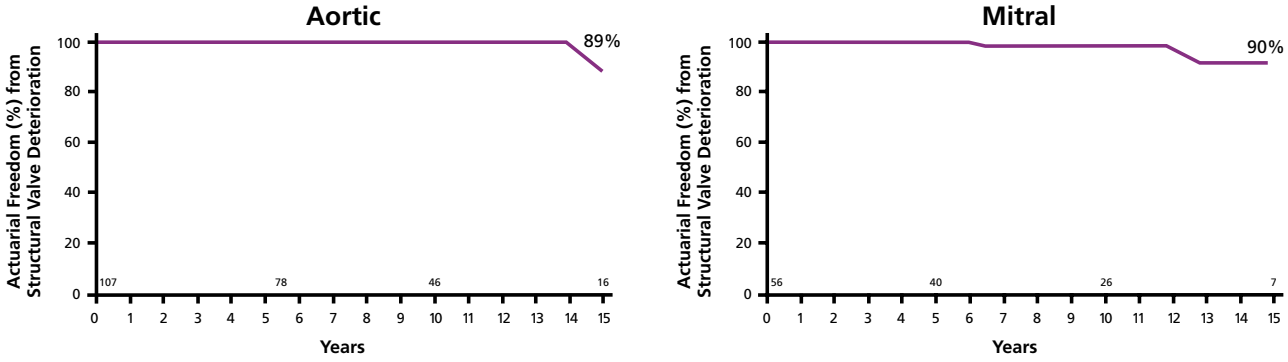
- **New Patented Edwards XenoLogiX Treatment**
  - Significantly reduced calcification in rat and sheep implant studies.[1,2] *
- **Proven Fixation Technology**
  - Original fixation process that remains the foundation of tissue preservation today.
  - Minimizes alterations in the collagen waveform and increases leaflet compliance
- **Specialized Construction**
  - Asymmetrical stent conforms to the natural porcine valve geometry.
  - Obstruction of the orifice is prevented by sewing the muscle shelf into the stent wall.
- **Compliant Sewing Ring**
  - Aortic – scalloped design conforms to the contoured shape of the annulus.
  - Mitral – broad flat design facilitates secure implant onto the annulus.
- **Elgiloy Stent**
  - Flexible material minimizes tissue stress.
  - Superior spring efficiency reduces creep.

Edwards
LIFESCIENCES

*No clinical data are available which evaluate the long-term impact of the XenoLogiX treatment in patients.

Carpentier-Edwards Bioprosthesis Aortic Model 2625 and Mitral Model 6625

Proven 15 year Durability in Patients > 70 years.[3]



"The [Carpentier-Edwards Bioprosthesis] is recommended for aortic valve replacement for patients older than 70 years and for patients 61-70 (when extended longevity is not anticipated) and for mitral valve replacement for patients older than 70 years."[4]

Edwards TRUE-SIZE Aortic Sizer – Model 1161

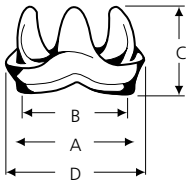
Edwards TRUE-SIZE Mitral Sizer – Model 1162

Edwards Reusable Handle – Model 1111

Edwards Longer Single-use Handle – Model 1126

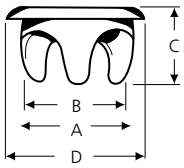
Specifications

Significant dimensions in millimeters (nominal values)



Model 2625 Aortic

A. Mounting Diameter (Annulus)	19	21	23	25	27	29	31
B. Graft Mounting Diameter (Stent I.D.)	17	19	21	23	25	27	29
C. Profile Height	19	19	20	21	22	22	24
D. External Sewing Ring Diameter	24	27	29	31	34	36`	37



Model 6625 Mitral

A. Mounting Diameter (Annulus)	25	27	29	31	33	35
B. Graft Mounting Diameter (Stent I.D.)	23	25	27	29	31	33
C. Profile Height	19	21	23	24	25	26
D. External Sewing Ring Diameter	34	36	38	40	42	44

CE
Certified according to European MDD

See instructions for use for full prescribing information.

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Elgiloy is a trademark of Elgiloy Limited Partnership.

Caution: Federal (USA) law restricts this device to sale by or on the order of a physician.

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References
1. Cunanan C, et al. Tissue characterization and calcification potential of commercial Bioprosthetic heart valves, Ann Thorac Surg 2001; 71:S417-21.
2. Data on file at Edwards Lifesciences.
3. Jamieson WRE, et al. Carpentier-Edwards Standard and Supraannular Porcine Bioprostheses: Comparison of Technology. Ann Thorac Surg 1999; 67:10-7.
4. Jamieson WRE, et al. Carpentier-Edwards Standard Porcine Bioprosthesis: A 21-Year Experience. Ann Thorac Surg 1998; 66:S40-3.

Edwards Lifesciences

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