

PROVEN 20-YEAR DURABILITY FOR LONG-TERM FREEDOM FROM REOPERATION.

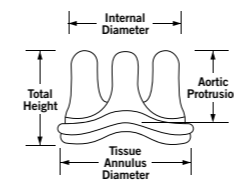
Backed by 25 years of clinical experience and two decades of in-depth research, the Biocor Stented Tissue Valve from St. Jude Medical offers 20-year durability to reduce the risk of reoperation. In addition, the exclusive FlexFit™ System is designed to facilitate implant from sizing through seating and suturing.

*There is no clinical data currently available that evaluates the long-term impact of anticalcification tissue treatment in humans.

Ordering Information Reference Dimensions*

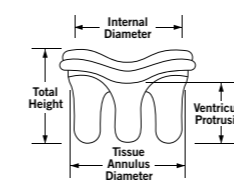
Aortic

Model Number	Valve Size (mm)	Tissue Annulus Diameter (mm)	Internal Diameter (Stent ID mm)	Aortic Protrusion (mm)	Total Height (mm)
B100-21A	21	21	19	9	14
B100-23A	23	23	21	9	15
B100-25A	25	25	23	10	16
B100-27A	27	27	25	11	17
B100-29A	29	29	27	12	19



Mitral

Model Number	Valve Size (mm)	Tissue Annulus Diameter (mm)	Internal Diameter (Stent ID mm)	Ventricular Protrusion (mm)	Total Height (mm)
B100-25M	25	25	23	9	16
B100-27M	27	27	25	9	17
B100-29M	29	29	27	10	19
B100-31M	31	31	29	10	20
B100-33M	33	33	31	11	20
B10-35M*	35	35	35	11	21



* This size not available with all product enhancements. Please speak with a St. Jude Medical representative for further details

Accessories

Model Number	Description
B1000	Bioprosthetic Heart Valve Sizer Set One (1) malleable handle Six (6) double-ended aortic/Supra sizers (19, 21, 23, 25, 27, 29) Five (5) mitral sizers (25, 27, 29, 31, 33) One (1) autoclavable tray for storage of components One (1) autoclavable tray cover
B1000-H	Replacement Handle One (1) malleable holder handle

Recommended Storage Temperature: 5° -25° C (41° -77° F)
Storage Solution: 0.5% formaldehyde solution.
Resterilization: Biocor valves must not be resterilized.
Shelf Life: Four years.
Radiopaque Marker for X-ray: A stainless steel wire located under the sewing cuff allows the valve to be seen under X-ray.

- Eichinger WB, Hettich IM, Ruzicka DJ, et al. Twenty-year experience with St. Jude medical Biocor bioprosthesis in the aortic position. *Ann Thorac Surg.* 2008;86(4):1204-1210.
- Mykén PS, Bech-Hansen O. A 20-year experience of 1712 patients with the Biocor porcine bioprosthesis. *J Thorac Cardiovasc Surg.* 2009;137(1):76-81.
- St. Jude Medical Instructions for Use: Stented Porcine Tissue Valves.
- St. Jude Medical, Inc. Engineering Report 05-04-01.
- Mosaic Marketing Materials, UC200103933b EN (2002). Hancock II Marketing Materials, UC200001201 EN (1999).
- Carpentier-Edwards PERIMOUNT Magna Pericardial Bioprosthesis model 7000 TFX mitral Instructions for Use.
- Reference Dimensions - St. Jude Medical Instructions for Use: Stented Porcine Tissue Valves Biocor/Biocor Supra, 681925-001. Internal diameter measurements from St. Jude Medical, Inc. Part number 300211.

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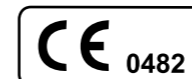


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Not available in all markets.

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Biocor™
Stented Tissue Valve



 **ST. JUDE MEDICAL**
MORE CONTROL. LESS RISK.

Designed for Durability

Backed by 25 years of clinical experience and reinforced by two published studies,^{1,2} the Biocor Tissue Valve from St. Jude Medical provides demonstrated long-term durability, which contributes to low reoperation rates. With a triple composite design, unique pericardial shield and the FlexFit stent, the Biocor Valve provides a powerful combination of durability and control during implant.



Triple Composite Design

Three separate porcine leaflets are matched to optimize leaflet coaptation and reduce stress.



Unique Pericardial Shield

The outflow edge of the Biocor Valve is covered with a pericardial shield, providing a tissue-to-tissue interface to help prevent the risk of abrasion.

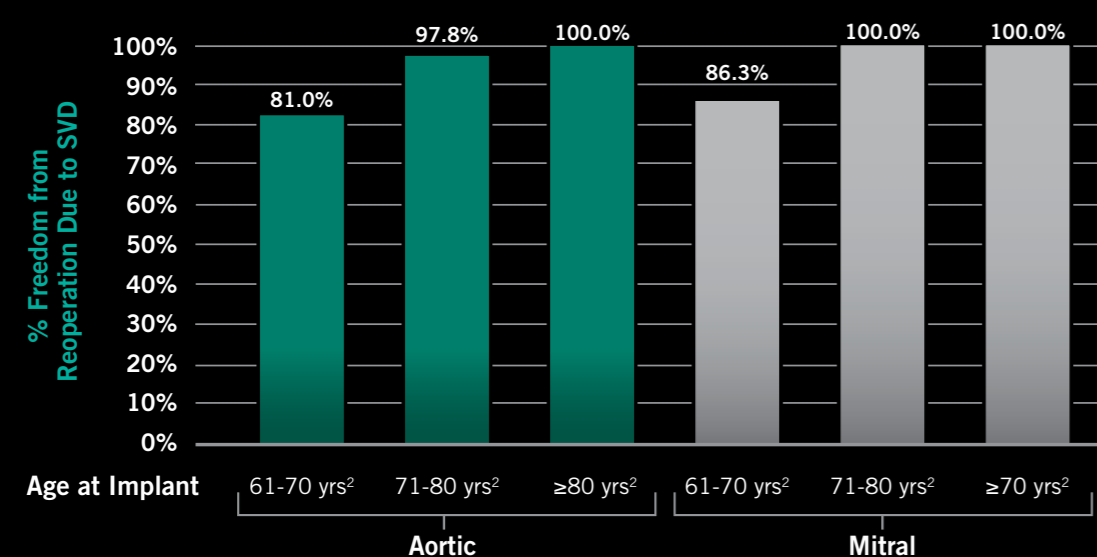


FlexFit Stent

The FlexFit stent reduces leaflet stress.

Proven 20-year Durability

The Biocor Valve delivers proven 20-year durability results in the aortic and mitral positions.



AVR: Study size = 1518 (female = 554; male = 964). Mean age = 70.8 years.
MVR: Study size = 194 (female = 99; male = 95). Mean age = 64.9 years.

Designed for Implantability

With the industry's lowest implant profile, the Biocor Stented Tissue Valve with the FlexFit System offers optimal implantability in both the aortic and mitral positions.

Biocor Aortic Valve

- Low profile provides optimal coronary ostia clearance.
- Scalloped inflow edge optimizes valve seating.
- Design adapts easily to annulus and enhances knot positioning.

Aortic Valve

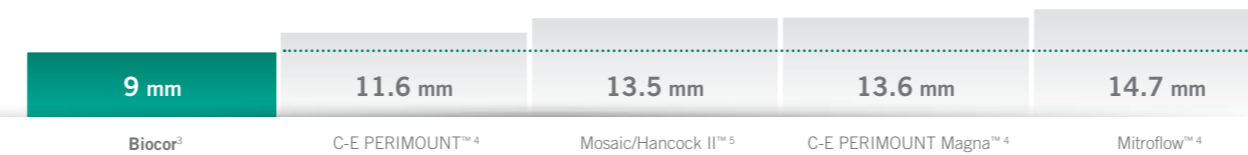
9 mm aortic protrusion



23 mm valve

Protrusion Heights

Aortic Position (23 mm valves)



Biocor Mitral Valve

- Low profile reduces risk of LV outflow tract obstruction.
- Mitral ratcheting minimizes potential for suture looping.
- Lowest combined valve and holder height facilitates minimal invasive surgical procedures.

Mitral Valve

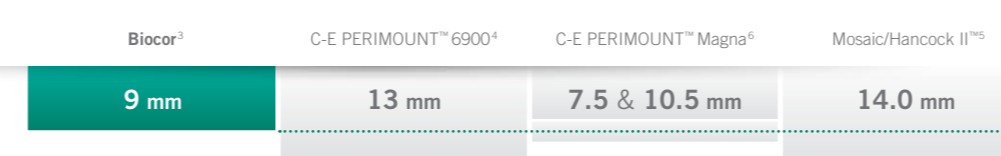
9 mm ventricular protrusion



27 mm valve

Ventricular Protrusion Heights

Mitral Position (27 mm valves)



The FlexFit System

The FlexFit System from St. Jude Medical includes several components that facilitate the entire valve implant procedure.

FlexFit Mitral Valve Holder

The FlexFit Mitral Valve Holder provides stent deflection, which reduces the potential for suture looping and maximizes visibility and access to the valve cuff.

FlexFit Aortic Valve Holder

The FlexFit Aortic Valve Holder improves visibility and cuff access for suturing.

FlexFit 20-second Rinse

Rinse time is reduced to 2 x 10 seconds.

FlexFit Click-in Handle

Both the aortic and mitral valve holders provide quick handle attachment and removal to stabilize the valve and minimize the risk of unseating.

FlexFit Valve Sizers and System Tray

FlexFit System sizers are optimized for valve selection, and the tray provides one convenient location for all valve accessories.



St. Jude Medical is committed to putting more control into the hands of physicians and thereby reducing risk. As part of a comprehensive portfolio that delivers on this promise, the Biocor stented tissue valve provides proven 20-year durability and enhanced flexibility during implant, to help reduce the risk of reoperation.