Proven performance in real-world practice[1]

The first real-world multicenter study of bio-Bentall procedures using the KONECT RESILIA aortic valved conduit demonstrated utility in various aortic valve conditions with excellent short-term outcomes reported through one year.

In a cohort of 329 patients, KONECT RESILIA aortic valved conduit demonstrated:

94.9%
freedom from all-cause mortality at one year

98.5%
freedom from cardiovascular death at one year

99.6%
freedom from aortic valve or root reoperation at one year

123.5 / 115.0 min
Median overall CXT & isolated root CXT during surgery

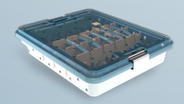
For more information visit:
edwards.edwards.com/KONECT

KONECT RESILIA aortic valved conduit

Model	Valve size
11060A*	21mm-29mm | 21, 23, 25, 27 & 29

Model	Accessories
1190	Individual sizes | 19mm† - 29mm
1190SET	Sizer set | 19mm† - 29mm

Barrel end | 1190 Sizer | Replica end



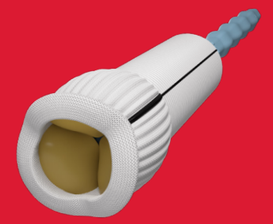
1190SET & Tray

Electronic Instructions for Use (eIFU): eifu.edwards.com; +1 999 570 4016

*For use only with the dedicated sizers that replicate the DualFit sewing ring (Model 1190 Sizers and Tray).

†KONECT RESILIA aortic valved conduit size 19mm not available.

Learn more about the KONECT RESILIA aortic valved conduit at edwards.com/KONECT



Important Safety Information

KONECT RESILIA Aortic Valved Conduit

Indications: For use in replacement of native or prosthetic aortic heart valves and the associated repair or replacement of a damaged or diseased ascending aorta.

Contraindications: There are no known contraindications with the use of the KONECT RESILIA aortic valved conduit.

Complications and Side Effects: Thromboembolism, valve thrombosis, hemorrhage, hemolysis, regurgitation, endocarditis, structural valve deterioration, non-structural dysfunction, stenosis, arrhythmia, transient ischemic attack/stroke, congestive heart failure, myocardial infarction, any of which could lead to reoperation, explantation, permanent disability, and death. Adverse events potentially associated with the use of polyester vascular grafts include hemorrhage, thrombosis, graft infection, embolism, aneurysm, pseudoaneurysm, seroma, occlusion (anastomotic intimal hyperplasia), immunological reaction to collagen (shown to be a weak immunogen; infrequent, mild, localized and self-limiting), intimal peel formation, and conduit dilatation, any of which could lead to re-operation, explantation, permanent disability, and death.

CAUTION: US law restricts this device to sale by or on the order of a physician. See instructions for use for full prescribing information.

References

1. Roselli E, Girardi L, Desai N, et al. First real-world multicenter series of bio-Bentall procedures with a novel pre-assembled aortic valved conduit. Podium presentation at: *European Association for Cardio-thoracic Surgery*; October 8-11 2025; Copenhagen, Denmark. Accessed October 09.2025.
2. Beaver T, Bavaria JE, Griffith B, et al. Seven-year outcomes following aortic valve replacement with a novel tissue bioprosthesis. *J Thorac Cardiovasc Surg.* 2024 Sep;168(3):781-791.
3. Calderon-Rojas R, Bagameri G, Schaff HV, et al. Early experience with a prefabricated bioprosthetic aortic valved conduit: The first 100. *JTCVS Open.* 2025;26:34-43.
4. Podesser BK, De Paulis R. Implantability of a novel, pre-assembled aortic valved conduit with RESILIA™ tissue. *J Cardiovasc Surg.* 2020;61(3).
5. DeRoo SC, Desai N, Grimm JC, et al. In-human implantation of a novel biologic valved conduit for aortic root replacement. *Ann Thorac Surg.* 2022;113(1):e21-e24.

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KONECT RESILIA aortic valved conduit

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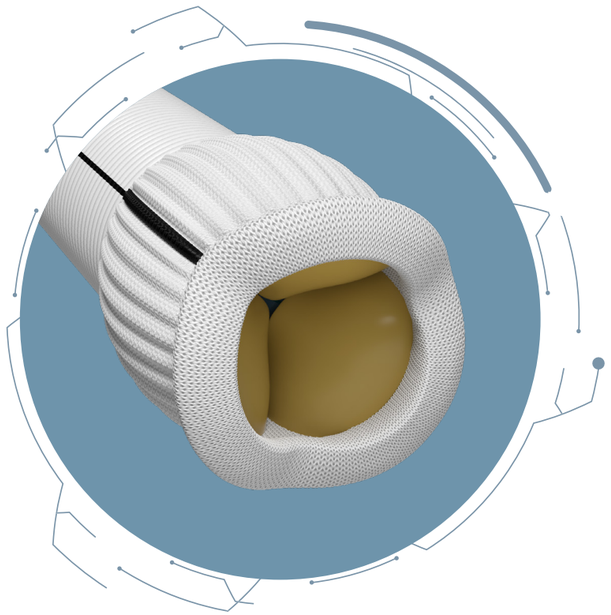
*As compared to self-assembled valved conduits.
†As compared to mechanical valved conduits based on bench data.
‡As compared to self-assembled valved conduits with non-RESILIA valves.
§Clinical data on valves with RESILIA tissue up to 7-year follow-up have been published, with additional follow-up to 10-years in progress.[2]

First pre-assembled ready-to-implant* valved conduit with RESILIA tissue†

Built for bio-Bentall

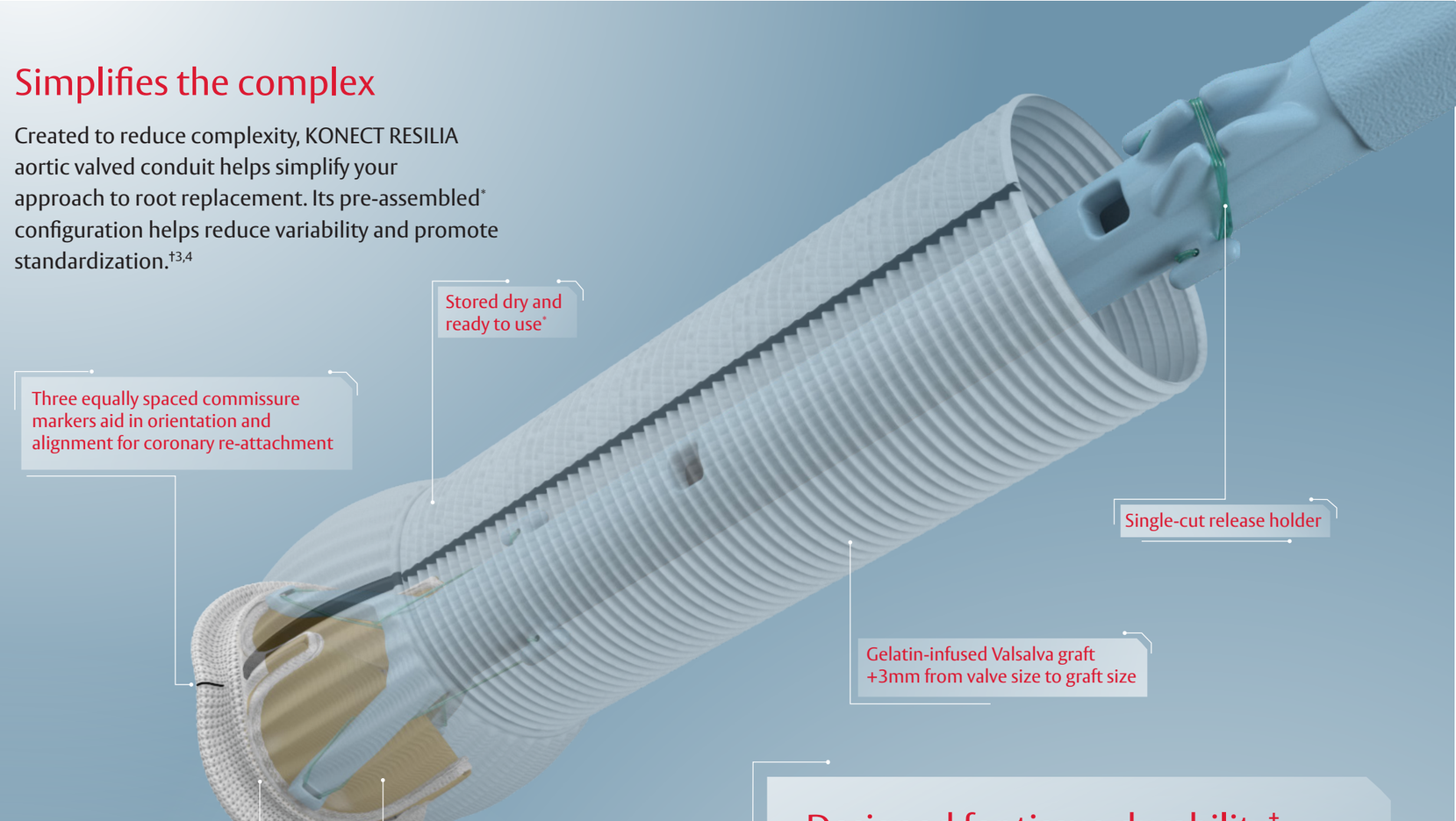
KONECT RESILIA aortic valved conduit is the first and only pre-assembled, ready-to-implant* bovine tissue AVC specifically designed for bio-Bentall procedures — offering a simplified, durable tissue† alternative with a favorable safety profile.



*Consult Instructions for Use for device preparation.
†Clinical data on valves with RESILIA tissue up to 7-year follow-up have been published, with additional follow-up to 10-years in progress.[2]

Simplifies the complex

Created to reduce complexity, KONECT RESILIA aortic valved conduit helps simplify your approach to root replacement. Its pre-assembled* configuration helps reduce variability and promote standardization.†[3,4]



KONECT RESILIA aortic valved conduit is designed for the complexity of the aortic root anatomy. The DualFit sewing ring is designed to easily conform to irregular or calcified roots and may improve hemostasis from around the root. It supports supra- and intra-annular placement, as well as easy positioning of the coronary buttons.[5]

*Consult Instructions for Use for device preparation.
†As compared to self-assembled valved conduits.

Designed for tissue durability‡

Data on valves with RESILIA tissue from the COMMENCE aortic trial show excellent outcomes through 7 years.

85.4%
freedom from all-cause mortality through 7 years

97.2%
freedom from reoperation through 7 years

99.3%
freedom from structural valve deterioration through 7 years

KONECT RESILIA aortic valved conduit is built on the Carpentier-Edwards PERIMOUNT valve platform, whose performance is backed by a span of 30 years of published clinical data.

‡Clinical data on valves with RESILIA tissue up to 7-year follow-up have been published, with additional follow-up to 10-years in progress.[2]