The first pre-assembled, ready-to-implant valved conduit with RESILIA tissue.
RESILIA tissue

Edwards Lifesciences’ integrity preservation technology transforms bovine pericardial tissue into RESILIA tissue, effectively eliminating free aldehydes, while protecting and preserving the tissue.

RESILIA tissue is the first to deliver the combination of:

- Improved anti-calcification properties†
- Improved sustained hemodynamic performance†
- Stored dry and ready to use‡

RESILIA aortic valve conduit is built on the proven performance of both the Carpentier–Edwards PERIMOUNT valve platform and the Gelweave Valsalva graft.

KONECT RESILIA aortic valved conduit is developed specifically for bio-Bentall procedures.

As the next offering in Edwards Lifesciences’ class of resilient bovine pericardial valves, ready-to-implant KONECT RESILIA aortic valved conduit helps patients maintain their active lifestyles and streamlines bio-Bentall procedures.

A proven heritage

KONECT RESILIA aortic valved conduit is built on the proven performance of both the Carpentier–Edwards PERIMOUNT valve platform and the Gelweave Valsalva graft.

Valve platform

Proven performance of the PERIMOUNT valve design—a design with published clinical durability of over 20 years2-4

Gelweave Valsalva graft

The world’s first anatomically designed aortic root graft with over 15 years of aortic root surgery clinical experience5,6

Ready to implant‡

The pre-assembled KONECT RESILIA aortic valved conduit intuitively eliminates procedural steps§, which is especially important in emergency cases.

Edwards’ quality-controlled pre-assembly of valve and Gelweave Valsalva graft provides a consistent and reliable hemostatic connection

Pre-mounted to an easy-access, single-cut release holder

Mechanical valves

Bovine tissue valves

Porcine tissue valves

Resilient tissue valves

* By eliminating procedure steps.
† RESILIA tissue tested against commercially available bovine pericardial tissue from Edwards in a juvenile sheep model.1
No clinical data are available that evaluate the long-term impact of RESILIA tissue in patients.
‡ Consult instructions for use for device preparation instructions.
§ As compared to self-assembled tissue valved conduits.
KONECT RESILIA Aortic Valved Conduit

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

Pre-sized Gelweave Valsalva graft
+3 mm from valve size to graft size

Commissure markers
Sewing ring and graft commissure markers facilitate device orientation and coronary reattachment

DualFit sewing ring
Allows for both intra-annular and supra-annular implantation

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, nonstructural 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.

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

References

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

Model | Accessories
--- | ---
TRAY1190 | Accessory tray
1190 | Individual sizers
| 19 mm* – 29 mm
1190SET | Sizer set
| 19 mm* – 29 mm

Electoral Instructions for Use (eIFU)
eifu.edwards.com
+1 888 570 4016

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

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