



# Structural Heart Intervention

## Medical Device Solutions

TE Connectivity's (TE) Medical business has extensive experience and manufacturing capabilities in the development of components and subassemblies to support leading MedTech OEMs develop devices to diagnose and treat structural heart diseases, from LAA occlusion device delivery, PFO closure, protection device deployment and aortic valvuloplasty.

### DEVICE SOLUTIONS SUPPORTED

#### ACCESS DEVICES

- Access delivery sheaths
- Transeptal needles

#### DIAGNOSTICS DEVICES

- TEE
- ICE
- OCT

#### DELIVERY DEVICES

- TAVR
- TMVR
- TMVr
- TPV
- TTV
- LAA
- PFO/ASD
- Protection
- BAV

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## COMPONENT OFFERINGS

- Advanced metal shafts/hypotubes
- Specialty needles
- Engineered metals
- Wires & coils
- Pull wires and collar assemblies
- Nitinol components
- Electromechanical connectors
- Single use cables
- Heat shrink tubing
- Extruded tubing
- Balloons
- Sensors

## SUBASSEMBLY OFFERINGS

- Braid and coiled shafts
- Steerable catheter
- Large bore shafts (14F - 24F)
- Composite laminate shafts
- Transseptal needle and access sheath
- Fine wire cable assemblies

## MANUFACTURING CAPABILITIES

- Braiding
- Coiling
- Liner stretching
- Reflow
- Bonding
- Annealing
- Termination
- Nitinol shaping and cleaning
- Machining
- Laser processing

## WHERE LASTING BONDS BEGIN – PEOPLE, CAPABILITIES AND PRODUCTS

TE Medical is a partner of choice to the world's leading medical technology brands. We provide top-tier engineering expertise and manufacturing excellence in the production of optimally engineered components and value-added sub-assemblies to support the development of life-saving medical devices used in cardiovascular intervention, surgery, imaging, in vitro diagnostics, and other medical specialties.

Our key capabilities include metals processing (precision cutting, grinding, and welding), fine wire cable management & termination, steerable & sensor-enabled smart catheter subassemblies, high-precision polymers, connectors, microfluidics, and sensors. We specialize in fast prototyping to accelerate product development and DFM approaches to scale through streamlined and automated manufacturing processes. We operate 15 R&D and manufacturing centers across the US, Ireland, Mexico, Costa Rica, China, Japan, Spain and India, and currently employ over 4,800 colleagues in our Medical business.

### [TE.com/medical](https://www.te-connectivity.com/medical)

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