



Permaseal™

Automated Transapical Access and Closure

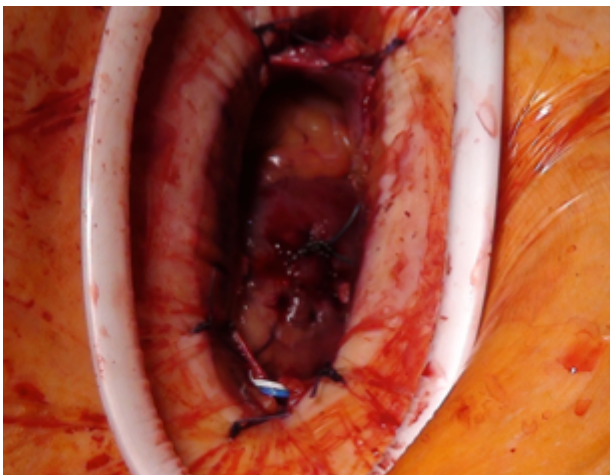


Permanent Piece of Mind

High speed delivery device

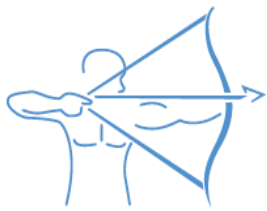
- Single-use, disposable
- Minimally invasive approach
- Over-the-wire
- Deploys implant in 4/1000ths of a second

CAUTION: INVESTIGATIONAL DEVICE ONLY.



Low-mass implant

- Eight **PolyCor** Anchors
- 2-0 Braided Polyester Suture with a pre-tied knot
- Less than 0.07 grams of material
- (Left) Clinical closure image courtesy of Prof. Thomas Walther at the Kerckhoff-Klinik, Bad Nauheim, Germany.



PermasealTM

with PolyCor Anchoring Technology

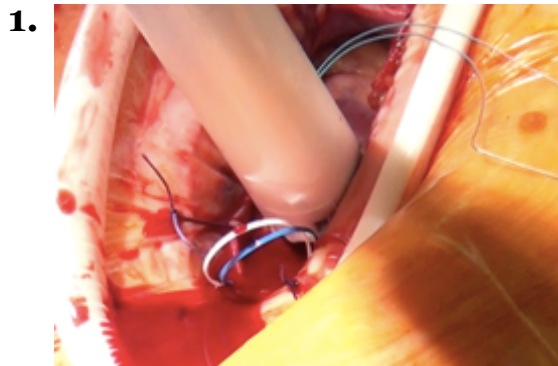
Safe solution to transmural access and closure
Simple single-handed deployment at the pull of a trigger
Secure closure achieved reliably and consistently

PolyCorTM Anchor Design Engineered Specifically for Soft-Tissue

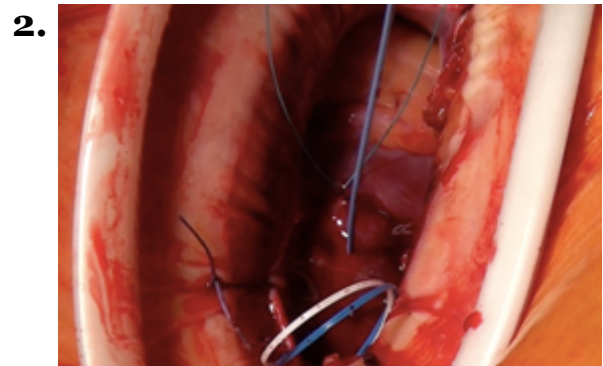
- Unique anchor design provides secure purchase with minimal tissue damage
- Designed to comply with wall motion



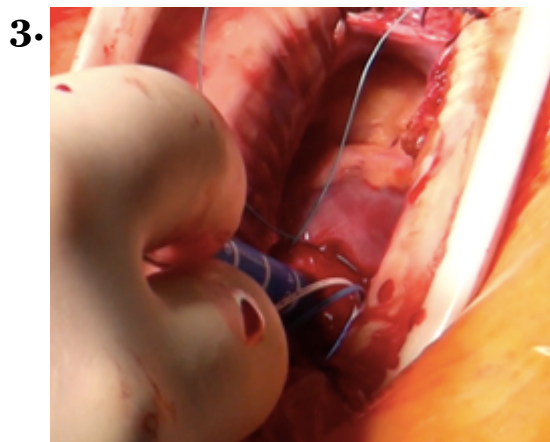
The Permaseal Procedure:



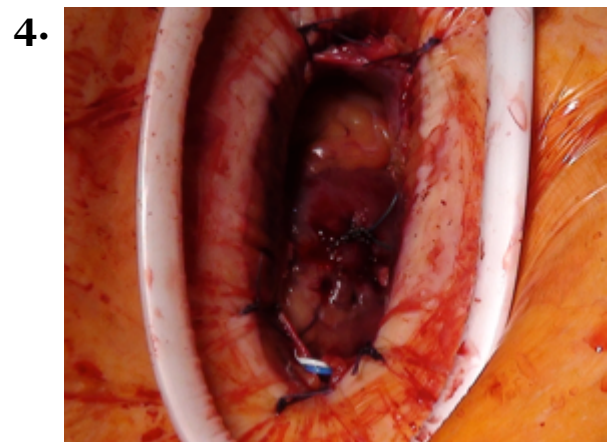
The Permaseal delivery device is deployed over the guidewire into the myocardium.



The implant composed of eight anchors and one 2-0 braided, polyester suture, creates an “Operative Window” for the introduction of sheaths and/or catheters.



The sheath and/or catheter is delivered over the guidewire through the “Operative Window” of the Permaseal implant.



A slip knot is advanced upon sheath removal, closing the low-mass implant that complies with wall-motion.

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