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

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.
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.

CAUTION: INVESTIGATIONAL DEVICE ONLY. Clinical photos courtesy of Prof. Thomas Walther at the Kerckhoff-Klinik, Bad Nauheim, Germany.