

Demonstrated Clinical Performance

EASY-R Clinical Study (Preliminary data, n=21)*:

- 100% successful epicardial access
- Mean time to access: 3.5 ± 2.2 minutes
- 8 of the 21 procedures (38.1%) achieved access in 2 minutes or less
- Low fluoroscopy time (2.1 ± 1.1 min) and minimal contrast use (0.7 ± 0.2 mL)

Neuzil P, Petru J, Funasako M, Hala P, Skoda J, Weiss P, Reddy VK. A First-in-Human Clinical Experience with a Novel Time-Based Pericardial Retraction and Needle Technology for Facile Epicardial Access. Poster presented at: HeartRhythm Society Annual Scientific Sessions; April 24–27, 2025; San Diego, CA.

Ordering Information

PeriCross™ Epicardial Access Kit REF: PC-1013

Indications for Use

The PeriCross™ Epicardial Access Kit is intended to access the epicardial surface of the heart via a subxiphoid approach to facilitate electrophysiology studies in adult patients.

Rx Only Caution

Federal (U.S.A.) law restricts this device to sale by or on the order of a physician. For patent information, visit circascientific.com/patents

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PC-ART100 Rev. 01



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PeriCross™ Epicardial Access Kit

Built for procedural confidence and control



The Challenge of Epicardial Access

Epicardial access remains one of the most technically demanding steps in electrophysiology procedures. The heart's constant motion, delicate anatomy, and lack of visual or tactile feedback contribute to a challenging and stressful environment.

Key Considerations:

- Thin, mobile pericardium (~1 mm)
- Risk of cardiac and extra-cardiac complications, including RV puncture, vascular injury, or bleeding
- Risk of RV puncture, bleeding, or other complications
- Conventional tools lack precision and predictability



The PeriCross™ Solution

The PeriCross™ Epicardial Access Kit is purpose-built to support efficient, controlled access to the epicardial space via a subxiphoid approach. It combines intuitive design with integrated safeguards to assist physicians during this critical procedure—helping streamline workflow and support timely access.

System Features:

- Tine-based pericardial capture to create separation before puncture
- 21G micro-puncture needle designed to minimize trauma
- Interlock prevents needle deployment until tines are engaged
- Coaxial introducer for seamless guidewire exchange

Kit Includes:

- PeriCross Tunneler Assembly
- PeriCross Access Device
- .018" x 80cm Guidewire
- 5F x 18cm Coaxial Introducer



OUTWARD RETRACTION
OF PERICARDIUM