

COR-KNOT MICRO[®] DEVICE

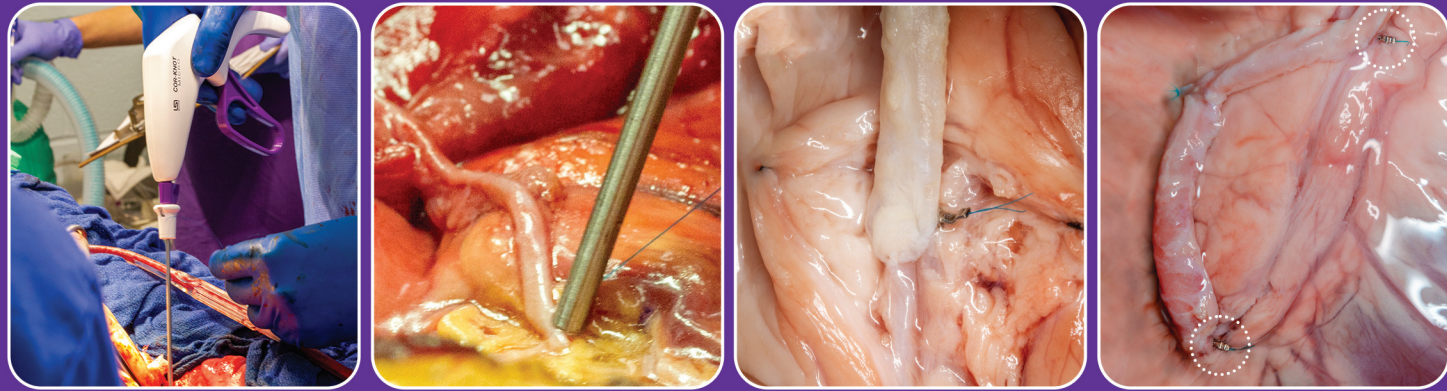
Introducing the very small next COR-KNOT[®]

Pre-loaded titanium fastener for use in the approximation of soft tissue with USP 6-0, 7-0, or 8-0 polypropylene suture

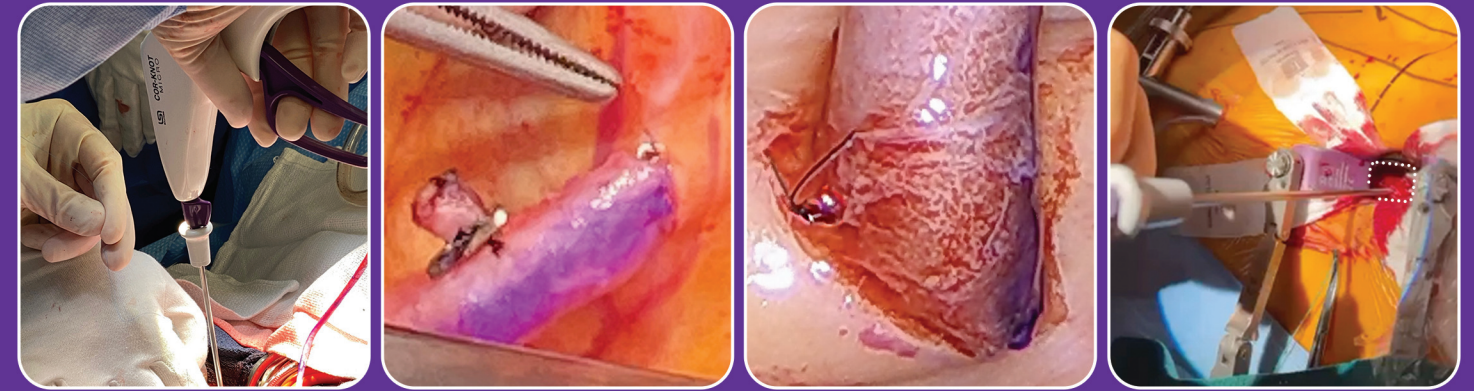
EXTREME RELIABILITY



LS SOLUTIONS[®]

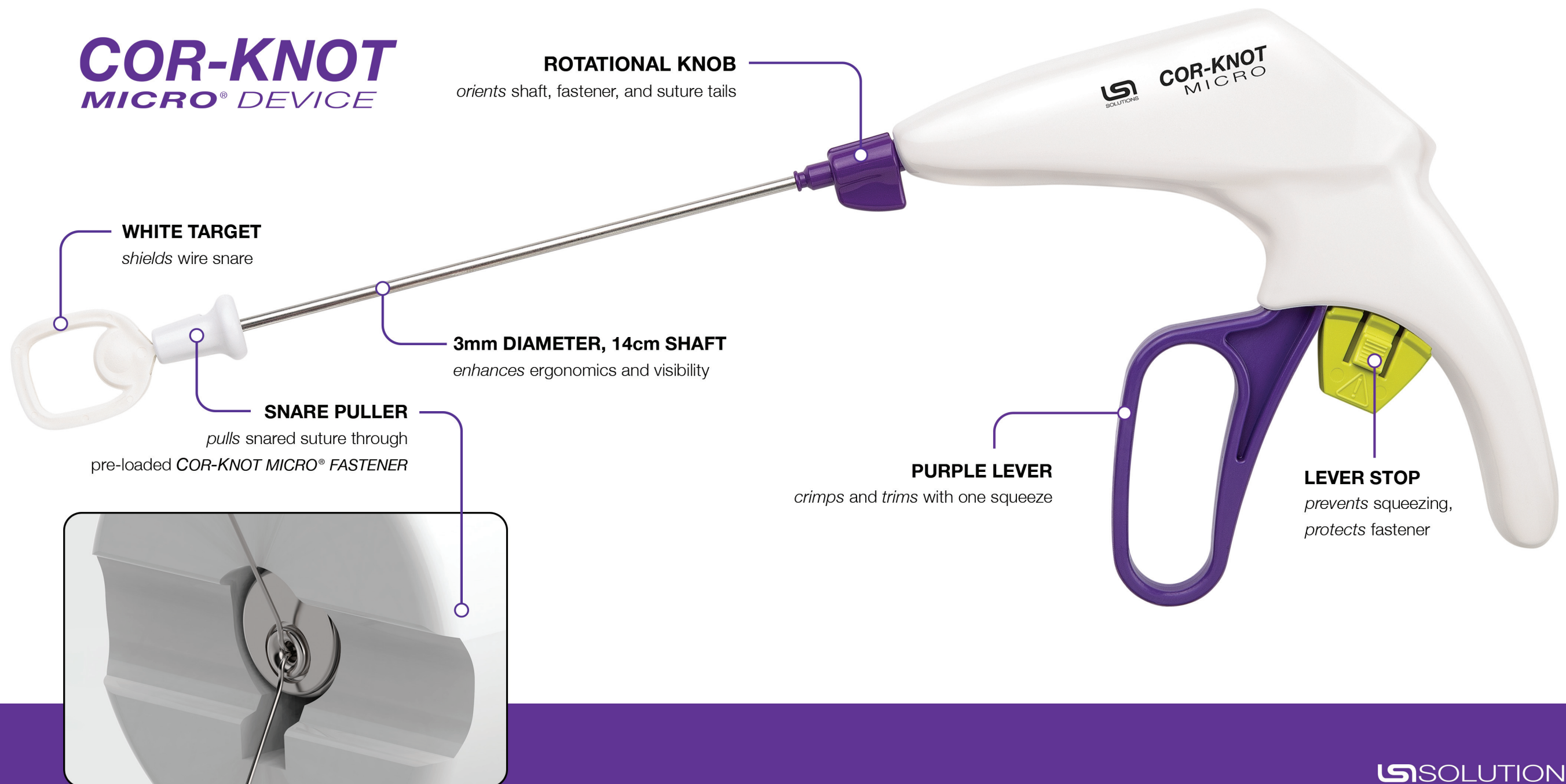


Pre-clinical engineering, ex vivo, and in vivo testing > 4,800 fasteners



Clinical use > 30 fasteners in CABG patients

COR-KNOT MICRO[®] DEVICE



COR-KNOT MICRO® Fastener SIMULATOR STUDY

Test Conditions:
Chronic Malignant HTN with Rapid Pulse

22.2mm simulated BV; 6.2 weeks
 > 5.5 million pulses per fastener;
 Study total > 335 million pulses.

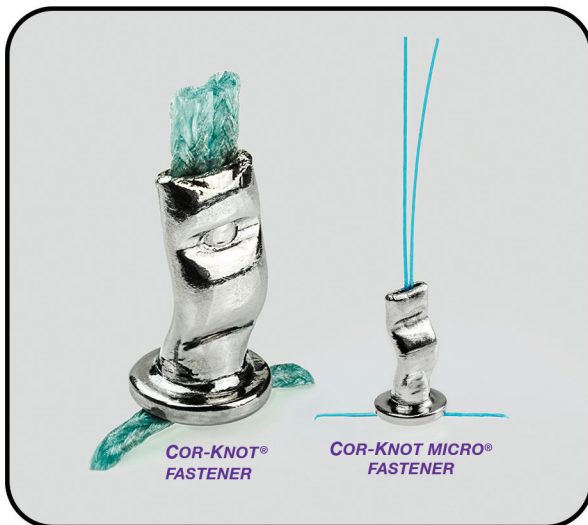
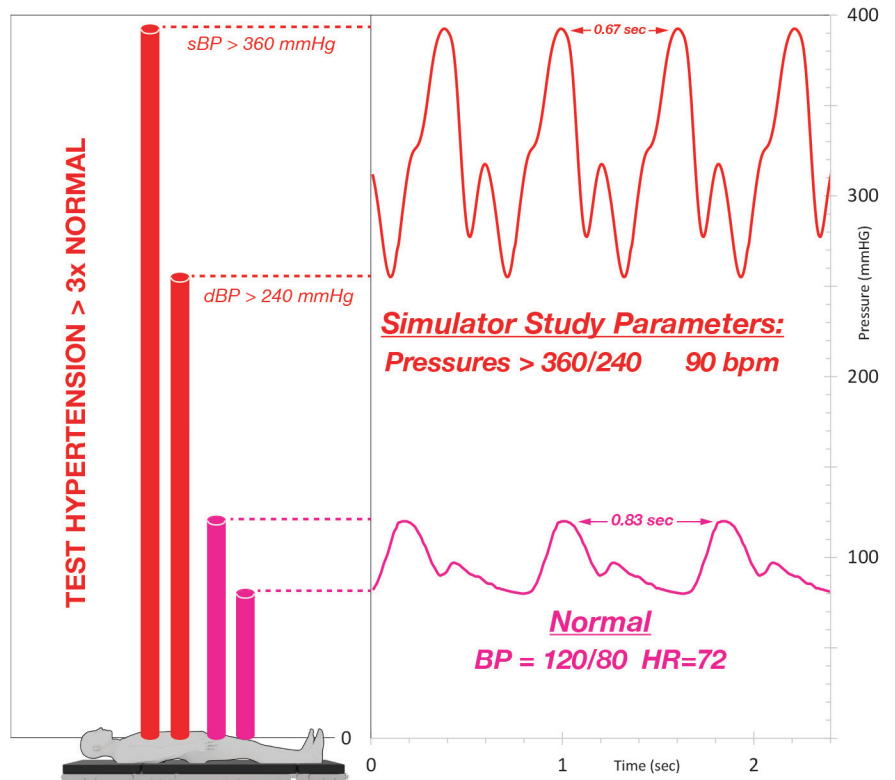
10x RELIABILITY FACTOR

= {>3x NL BP} * {>2x BV diameter}

* {1.25x NL HR} * {>2x healing time}

**No Fastener Failures,
 Suture Breakage, or Slippage.**

In vivo studies demonstrate excellent results across a wide variety of soft tissue wound closures.



Durable Fastening: Commercially pure highest strength medical-grade titanium fastener of unparalleled reliability.

Enabling Technology: Can facilitate minimally invasive surgery suture security and trimming at small remote access sites.

Short Learning Curve: Quick and easy to learn; may reduce risk of breaking suture.

Precision Control: Exquisite control over suture tensioning, wound approximation, and immediate knotting security.

Consistent Knot Strength: >100% of minimum USP tensile strength with USP sized 6-0, 7-0, or 8-0 polypropylene suture.

Radiopaque Marker: May provide a site indicator in some locations.

COR-KNOT MICRO® PRODUCT ORDERING

SUPPLIED: STERILE

	REORDER	PRODUCT	DESCRIPTION
	REF 032500	COR-KNOT MICRO® DEVICE Pre-Loaded with (1) titanium COR-KNOT MICRO® FASTENER	Box of 6 Kits (1 Device per Kit)

PN032655A 01.11.22

