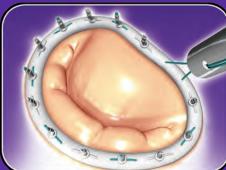
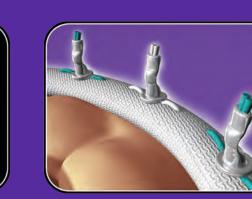


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DUCT ORDERING			SUPPLIED: STERILE
	CATALOG NO.	PRODUCT	DESCRIPTION
6	REF 030925	Cor-Knot® device kit	Box of 6 Kits (2 Devices per Kit)
12	REF 030950	COR-KNOT®QUICK LOAD® SINGLES	Box of 12 SINGLES (1 FASTENER per Pouch)
12	REF 030902	COR-KNOT®QUICK LOAD® 6-POUCH	Box of 12 Pouches (6 FASTENERS per Pouch)
i	REF 031105	Соя-Клот® сомво кіт	Box of 6 Kits (2 Devices & 12 FASTENERS per Kit)

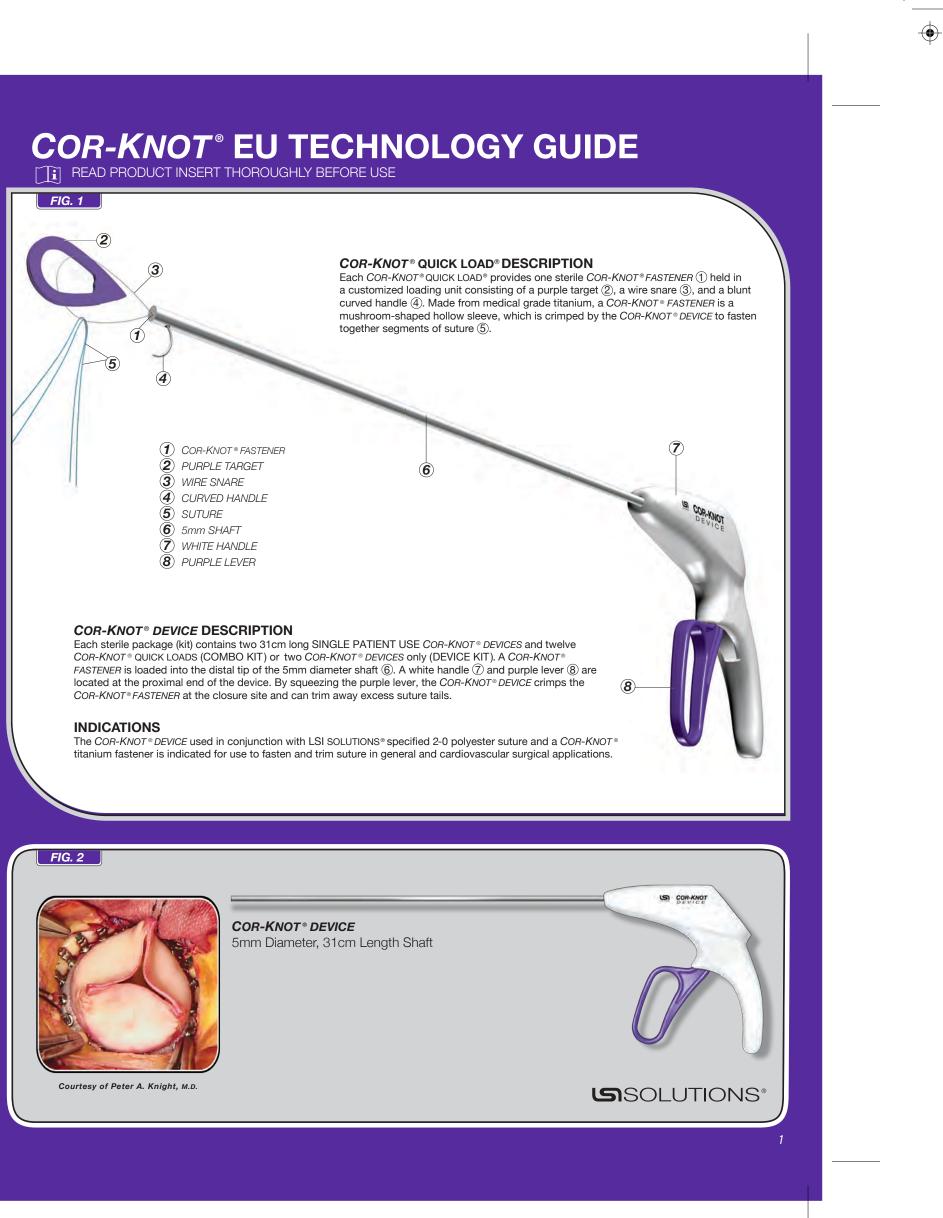








EC REP





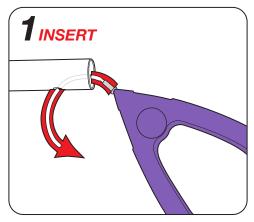
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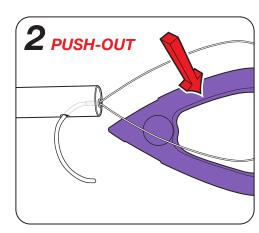
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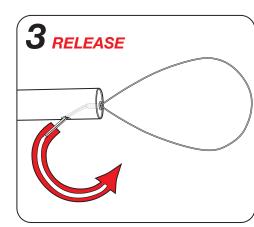


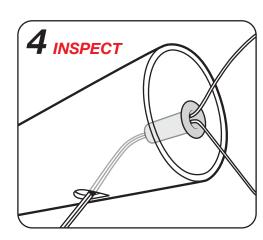


# AT SCRUB TABLE









## LOADING WITH A COR-KNOT® QUICK LOAD®

Use proper operating room technique to pass the sterile COR-KNOT® QUICK LOAD® from its packaging. While maintaining appropriate sterile technique, follow the steps indicated in the illustrations

1. INSERT the blunt tip of the curved handle into the distal slot at the end of the COR-KNOT® DEVICE shaft. ROTATE the curved handle through the distal slot and out of the suture hole until the COR-KNOT® FASTENER occupies the shaft's distal slot. Fully ENGAGE the COR-KNOT® FASTENER within the tip of the COR-KNOT®DEVICE by pushing on the purple target or by pulling on the curved handle. 2. PUSH-OUT and remove the purple target.

3. **RELEASE** the curved handle from the distal slot at the end of the COR-KNOT®DEVICE shaft. 4. **INSPECT** to ensure that the COR-KNOT® FASTENER is well loaded and fully seated. ACTIONS

When the COR-KNOT® DEVICE is loaded with a COR-KNOT® FASTENER and appropriately positioned at a suture closure site, squeezing the purple lever can instantly secure and trim the suture. The surgical titanium used in a *COR-KNOT® FASTENER* is not absorbed by the body and is generally not associated with significant inflammatory reactions. CONTRAINDICATIONS

### • Endoscopic procedures should only be performed by physicians having adequate training and familiarity with endoscopic techniques. Medical literature should be consulted relative to techniques, complications and hazards prior to the performance of endoscopic procedures. • The COR-KNOT® QUICK LOAD® is not intended to be used with any device other

- than the COR-KNOT® DEVICE. The COR-KNOT® DEVICE is not intended to be loaded with anything other than a COR-KNOT® QUICK LOAD®.
- The COR-KNOT® FASTENER is NOT intended for placement into circulating blood unless used with compatible suture under conditions judged by the surgeon to be clinically appropriate.
- Use only with LSI SOLUTIONS® specified 2-0 Polyester suture. Each COR-KNOT® DEVICE is not intended to be fired more than 12 times.

### WARNINGS

- Users should be familiar with standard procedures and techniques involving surgical suture and titanium usage before employing the COR-KNOT® DEVICE with a COR-KNOT® QUICK LOAD® for fastening and trimming suture.
- Adequate COR-KNOT® FASTENER security requires reasonable clinical judgment and appropriate surgical techniques as warranted by surgical circumstances and the experience of the surgeon.
- When securing suture with a COR-KNOT® DEVICE, ensure any ferrules or needles are removed from the suture ends to be loaded prior to loading the suture through the COR-KNOT® DEVICE. Excessive suture tensioning can cause suture breakage.
- Single patient use only. Do not reclean or resterilize. Adequate cleaning or removal of blood and other foreign materials from used COR-KNOT® products cannot be guaranteed. Validation of resterilization is not established. Failure to eliminate inflammatory or infectious agents may cause patient harm. Product functional performance may be compromised in reprocessed devices or COR-KNOT® FASTENERS.
- Discard any open (unsealed), unused, expired or damaged COR-KNOT® product.
- COR-KNOT® QUICK LOAD® components and each COR-KNOT® DEVICE, along with packaging, must be inspected, handled and disposed of consistent with standard, accepted medical device disposal procedures.
- · Direct contact between sensitive tissue structures (e.g., pulsatile arteries, cardiac valve leaflets, valve chordae, etc.) and foreign materials can lead to tissue injury or damage, such as tissue erosion. Always orient COR-KNOT® FASTENERS and remnant suture tails to avoid direct contact between delicate tissue or prosthetic structures.
- As with any foreign body, prolonged contact of any suture with salt solutions, such as those found in the urinary or biliary tracts, may result in calculus formation.
- · While the titanium of the COR-KNOT® FASTENER is physiologically very inert, routine surgical precautions must be employed whenever foreign materials are left in a patient.

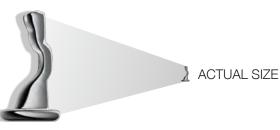
# PRECAUTIONS

- When handling the COR-KNOT® QUICK LOAD® care should be taken to avoid damage.
- Do not squeeze the purple lever of COR-KNOT® DEVICE while loading the COR-KNOT® QUICK LOAD®.
- Irreparable damage to COR-KNOT® DEVICE suture cutting blade will occur if the purple lever is squeezed while the COR-KNOT® QUICK LOAD® curved handle is in place at the tip of the instrument. Ensure that obstructions do not interfere with the firing of COR-KNOT® DEVICE.
- Do not squeeze the purple lever of the loaded COR-KNOT®DEVICE, until the COR-KNOT® FASTENER has been appropriately positioned directly upon the tissue or prosthetic material and the suture accurately tensioned at the targeted site.
- Always squeeze and hold the purple lever and then fully release it before moving the COR-KNOT® DEVICE tip. Failure to appropriately release the purple lever can cause suture breakage. Inspect each COR-KNOT® FASTENER and its suture.
- Do not squeeze the purple lever on the same COR-KNOT® FASTENER more than once.
- Cut sutures with scissors if the COR-KNOT® DEVICE fails to trim suture tails or release COR-KNOT® FASTENER.
  Avoid crushing or crimping damage to the COR-KNOT® FASTENER due to inappropriate squeezing of COR-KNOT®DEVICE purple lever, and/or to application of surgical instruments like
- forceps, needle holders, clamps, etc. • If COR-KNOT® FASTENER falls out of tip or is not properly loaded, retrieve loose fastener, reload
- with new fastener and start again. • If the purple lever of the COR-KNOT® DEVICE does not return completely forward on its own (i.e., without
- assistance), manually push the lever forward all the way to release the COR-KNOT® FASTENER. Check for hemostasis or leakage where appropriate.
- Before endoscopic instruments and accessories from different manufacturers are employed together in a procedure, verify compatibility and ensure that electrical isolation or grounding are not compromised. ADVERSE REACTIONS

Adverse effects associated with the use of surgical suture and titanium can include, but are not limited to: wound dehiscence, thrombus formation, embolism, calculi formation in urinary and biliary tracts when prolonged contact with salt solutions such as urine and bile occurs, infected wounds, minimal acute inflammatory tissue reaction, and transitory local irritation. Surgical titanium is not absorbed by the body and is generally not associated with inflammatory reactions.



# **CRIMPED COR-KNOT® FASTENER**





# **COR-KNOT<sup>®</sup> QUICK LOAD<sup>®</sup>**

COR-KNOT® QUICK LOAD® DESCRIPTION

Each COR-KNOT®QUICK LOAD® provides one sterile COR-KNOT® FASTENER (1) held in a customized loading unit consisting of a purple target (2), a wire snare (3), and a blunt curved handle ④. Made from medical grade titanium, a COR-KNOT ® FASTENER is a mushroom-shaped hollow sleeve, together segments of suture.

COR-KNOT® QUICK LOAD® (1) COR-KNOT<sup>®</sup> FASTENER **(2)** PURPLE TARGET (3) WIRE SNARE (4) CURVED HANDLE





# **COR-KNOT<sup>®</sup> MISCELLANEOUS**

# **"ONLY THE SURGEON SQUEEZES THE PURPLE LEVER."**

**SUTURE CUTTING DIFFICULTY - THE CAUSES OF SUTURE** NOT CUTTING EASILY WHEN USING A COR-KNOT® DEVICE **CAN INCLUDE:** 

- USER ERROR INDUCED DAMAGE DULLING THE SUTURE **CUTTING BLADE OR**
- DEVICE MALFUNCTION, WHICH MAY ALSO REDUCE FASTENER STRENGTH AND SECURITY

If suture cutting difficulty occurs while using any COR-KNOT® DEVICE, discontinue its intraoperative use and REMOVE DEVICE from the surgical field. Visually INSPECT FASTENER to compare its crimp to other fasteners. Pull or tug on the fastener with a forceps or clamp to TEST FASTENER and suture security.

## REMOVE DEVICE-INSPECT FASTENER-TEST FASTENER-RETURN DEVICE

COR-KNOT® DEVICE suture cutting difficulty can be induced by the inadvertent squeezing of the purple lever while the metal loading components are still in the distal device shaft. This user error can lead to irreparable damage to the suture cutting blade by driving the blade into the metal curved handle or metal wire snare.

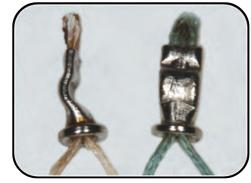
The photographs above show close-up views of two suture cutting blades from two devices damaged in the same surgical procedure. The subsequent evaluation of the returned devices demonstrated irreparable blade dulling caused by user error. The red rectangles highlight the areas of each blade's previously sharp cutting edge now dulled by the unintended striking of the blade into the metal loading unit components.



## MRI TESTING

Based on MRI testing information, titanium COR-KNOT® FASTENERS will not present an additional hazard or risk to a patient undergoing an MRI procedure using a scanner operating with a static magnetic field of 3-Tesla or less and under the MRI-related heating conditions (MRI for 15 min. at an MR system reported whole body averaged specific absorption rate, SAR, value of 3-W/kg).





Courtesy of Scott M Goldman MD

