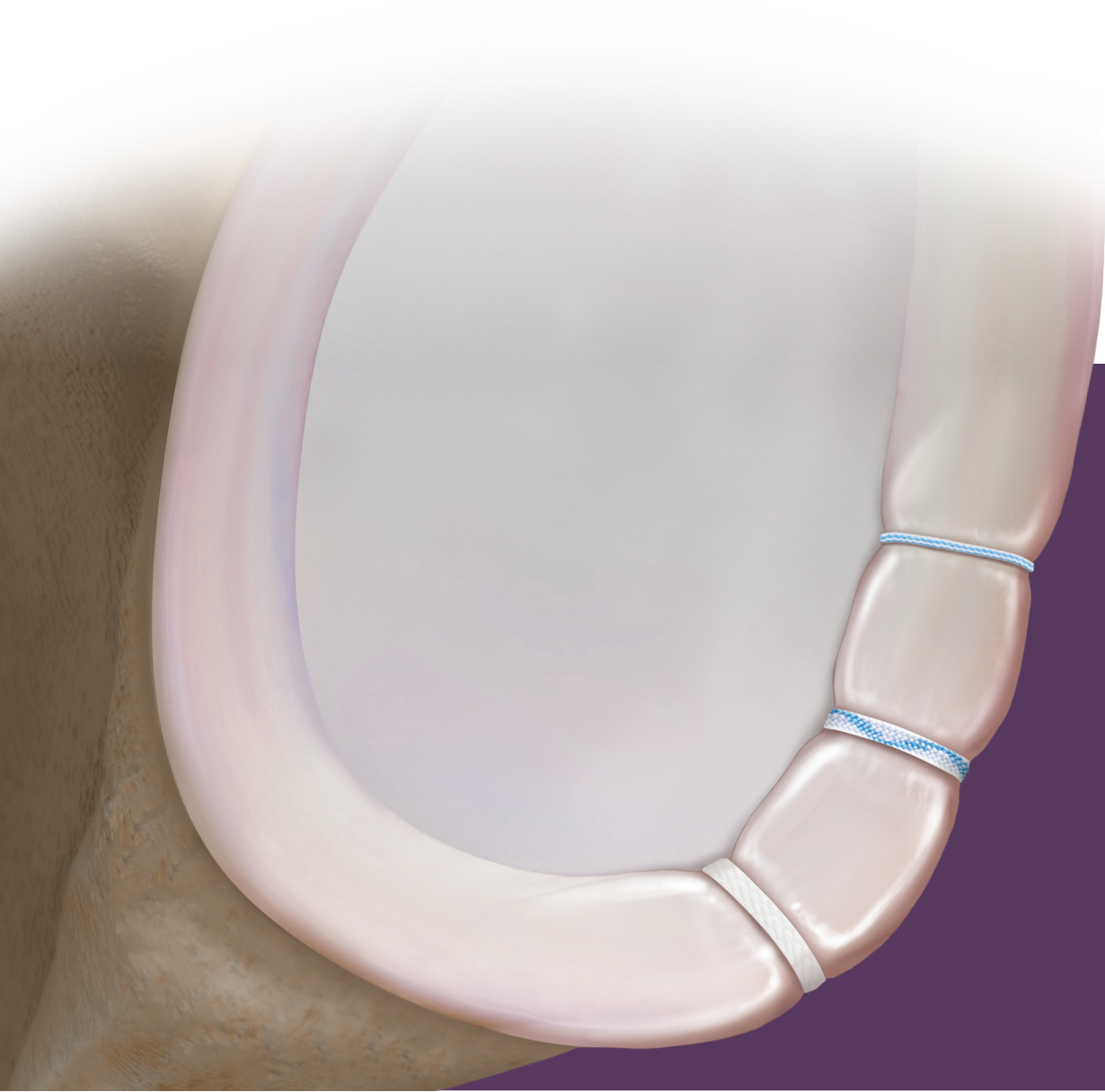
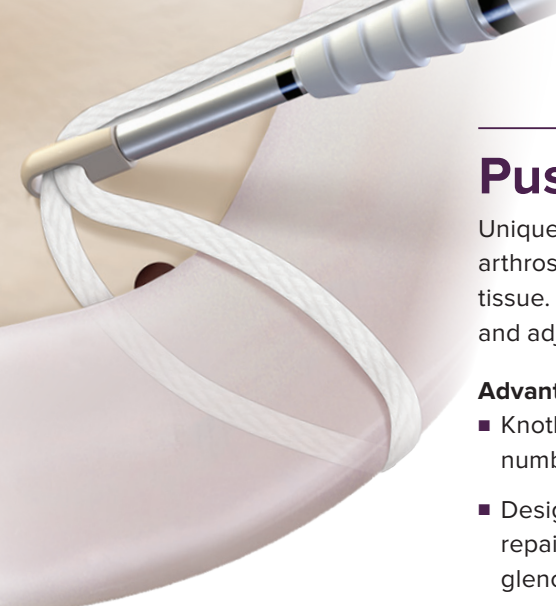


PushLock[®] Suture Anchor for Knotless Instability Repair

Surgical Technique



Arthrex[®] 



PushLock® Knotless Suture Anchors

Uniquely designed for a secure knotless labral repair, the PushLock anchor eliminates arthroscopic knots and helps minimize the damage they may cause to surrounding tissue. With this technique, independently pass suture through the capsule or labrum and adjust tissue tension prior to anchor insertion.

Advantages

- Knotless techniques minimize the number of surgical steps and save time
- Designed specifically for glenoid labral repair to maximize the preservation of glenoid bone
- No risk of knot impingement
- Cannulated design minimized anchor volume
- Suture tension is visualized and adjusted prior to anchor insertion
- Available in biocomposite or PEEK material and multiple sizes (2.4 mm, 2.9 mm, and 2.9 mm short)

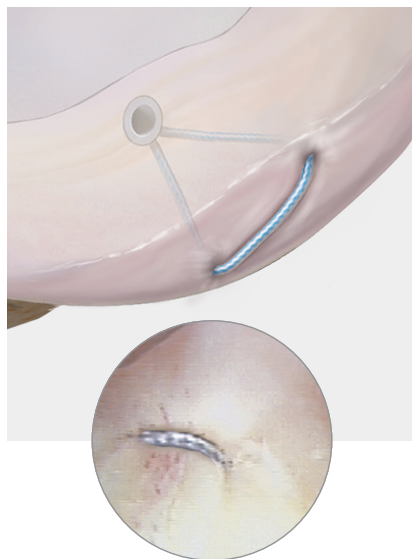
BioComposite Short
2.9 mm PushLock Anchor
With LabralTape™ Suture

Various premium suture options—FiberWire®, SutureTape, or LabralTape — provide flexibility when choosing stitch configurations for soft-tissue repair (shown below).

Knotless Simple Stitch



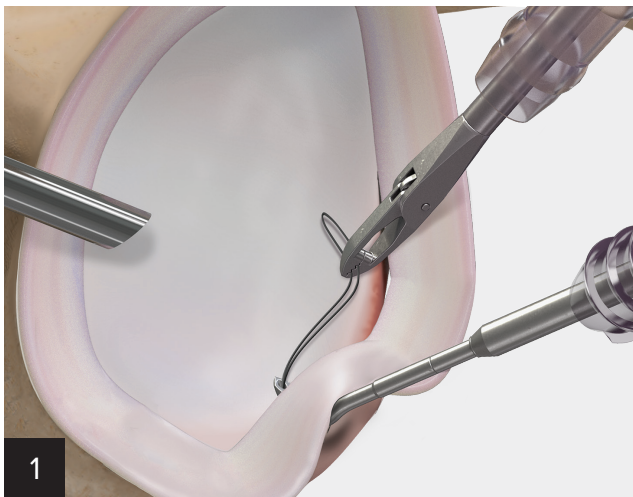
Knotless Mattress Stitch



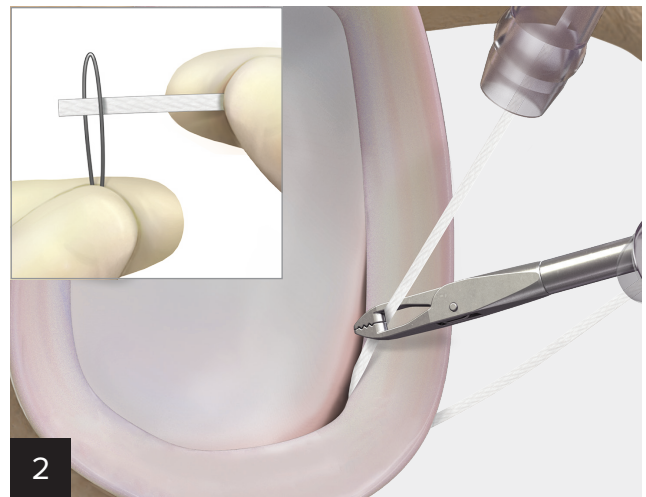
Knotless Cinch Stitch



Simple Stitch Repair With FiberWire®, SutureTape, or LabralTape™ Suture

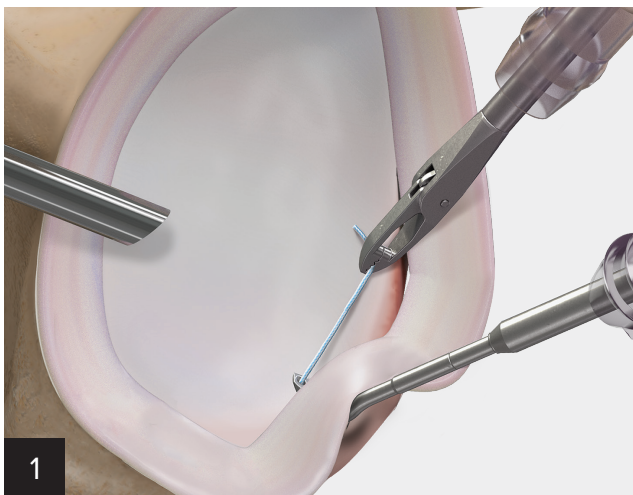


Insert the SutureLasso™ suture passer into a cannula and pass it through the capsulolabral tissue. Advance the nitinol wire loop through the suture passer and retrieve it through a separate portal.

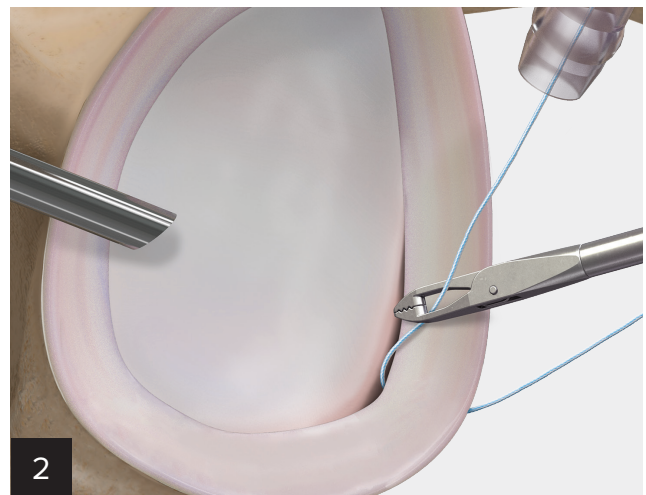


Load the suture through the nitinol wire loop. Retract the suture passer and wire, shuttling the suture through the tissue. Retrieve both suture tails through the anchor insertion cannula.

Simple Stitch Repair With FiberStick™ Suture

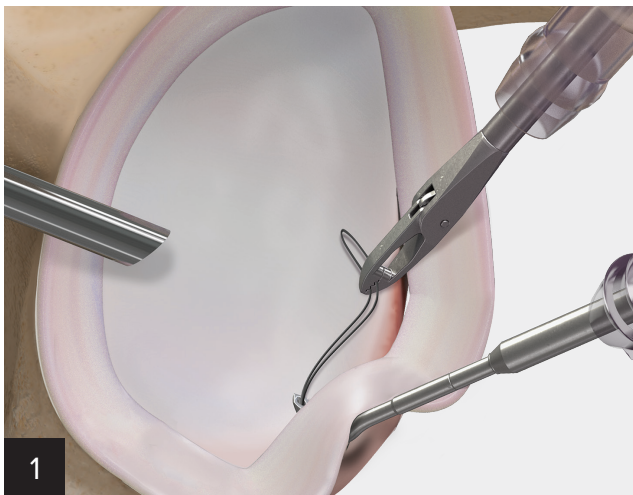


Insert the SutureLasso suture passer, which is preloaded with FiberStick™ suture, into a cannula and pass it through the capsulolabral tissue. Advance the FiberStick suture through the suture passer and retrieve it through a separate portal using a KingFisher® grasper.

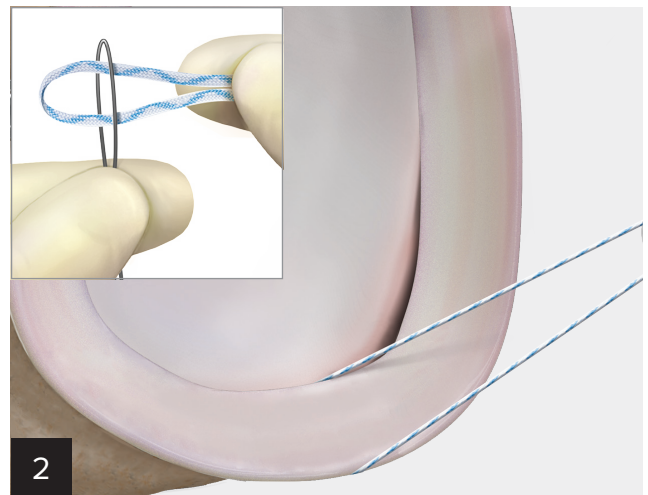


Retrieve both suture tails through the anchor insertion cannula.

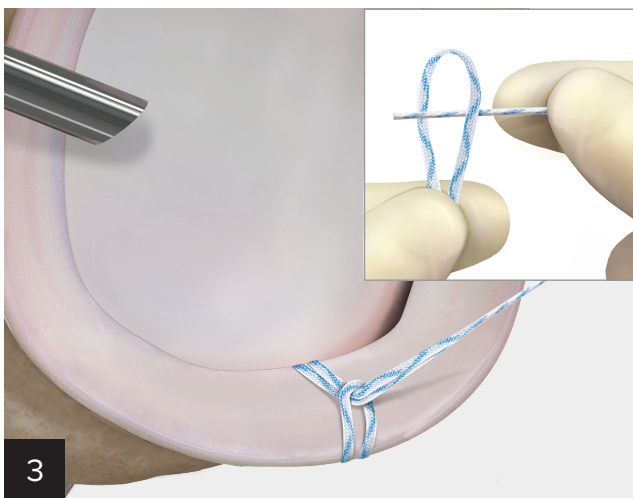
Cinch Stitch (Luggage Tag) Repair With FiberLink™ Suture or FiberLink SutureTape



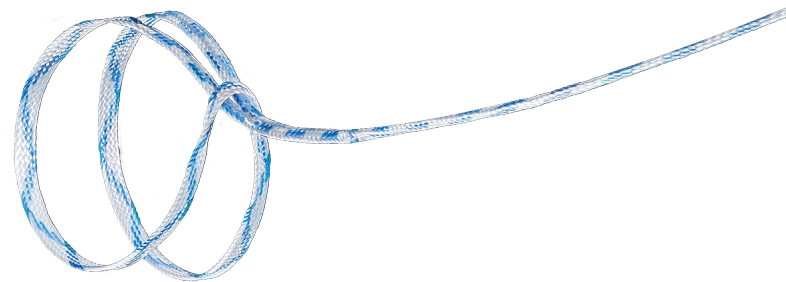
Insert the SutureLasso™ suture passer into a cannula and pass it through the capsulolabral tissue. Advance the nitinol wire loop through the suture passer and retrieve it through a separate portal.



Load the suture loop through the nitinol wire loop. Retract the suture passer and wire, shuttling the suture through the tissue. Retrieve both suture tails through the anchor insertion cannula.



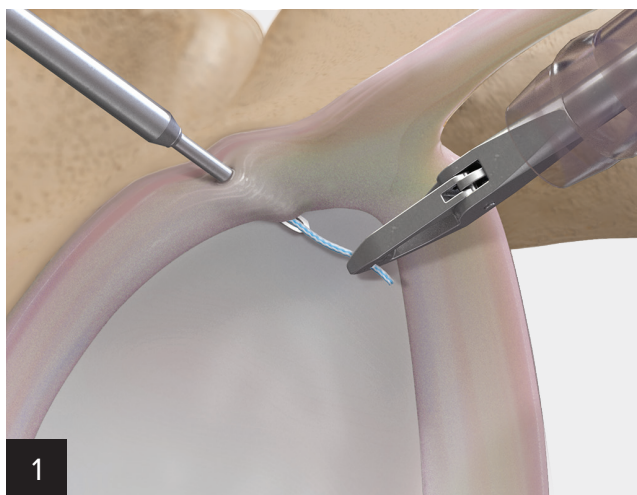
Pass the tail through the loop to create the cinch stitch. Pull on the tail to tighten and position the cinch stitch on the labrum.



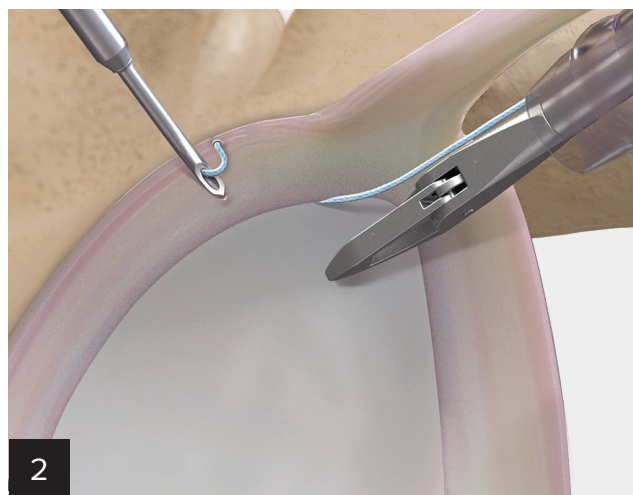
FiberLink SutureTape

- 1.3 mm and 1.7 mm sizes available
- Features a flat tape loop that transitions to a round suture tail

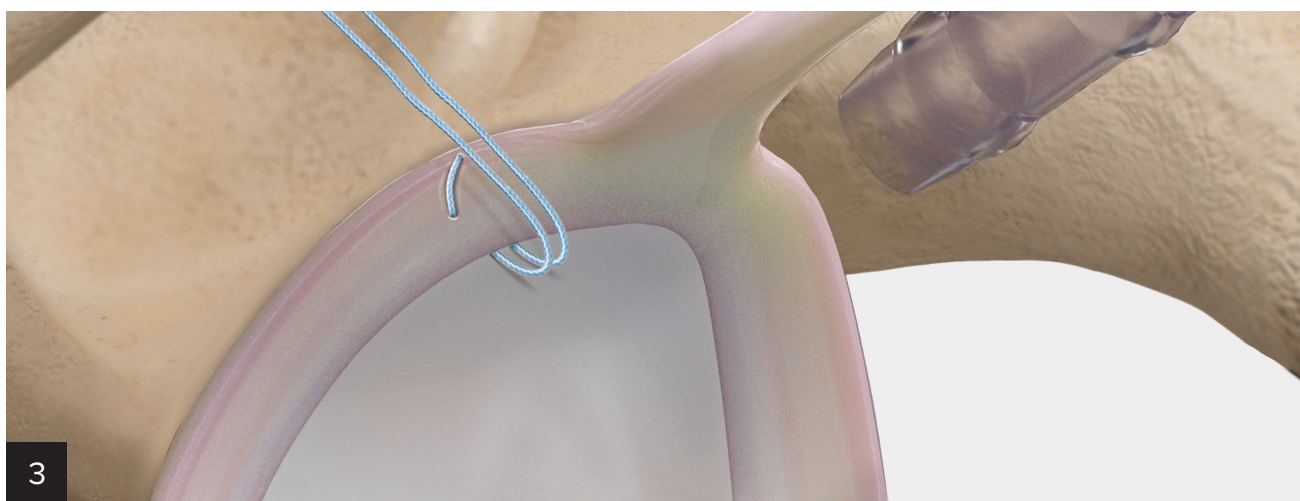
Mattress Stitch Repair With FiberStick™ Suture



Insert the SutureLasso™ suture passer, which is preloaded with FiberStick suture, into a cannula and pass it through the capsulolabral tissue. Advance the suture through the suture passer and retrieve it through a separate portal.



Retract the suture passer, without removing it from the joint, and pass it again through the tissue to achieve the desired mattress spacing and orientation. Retrieve the suture from the suture passer using a FiberTape® KingFisher® grasper.



Retrieve both suture tails through the anchor insertion cannula. Prior to preparing the bone, pass the suture tails through the PushLock® eyelet suture passer. Shuttle the suture tails and secure the suture with a hemostat.

PushLock® Anchor Insertion



Insert the spear through the cannula with the passed suture, placing it onto the glenoid rim. Fully advance the drill through the spear until its collar makes contact with the spear's handle. Advance the PushLock anchor into the joint and tension the suture to approximate the labral tissue to the eyelet.



While releasing the suture tails advance the driver into the bone socket until the anchor body contacts the bone. If additional tension is needed to reduce the labral tissue to the bone, pull on the suture tails, while keeping a firm grasp of the driver. The final tension is attained when the anchor is in contact with the bone.



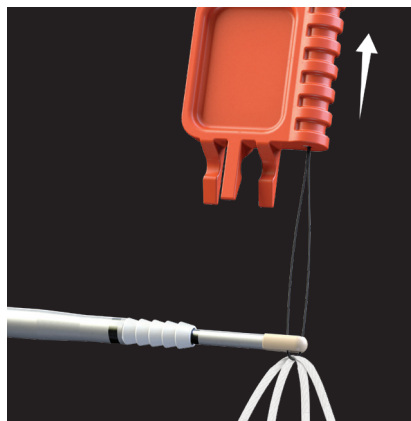
Remove the orange packaging clip. Tap the metal button on the driver handle to advance the anchor body until the proximal laser line is flush with the bone. Remove the driver by rotating it counterclockwise for 6 full revolutions.



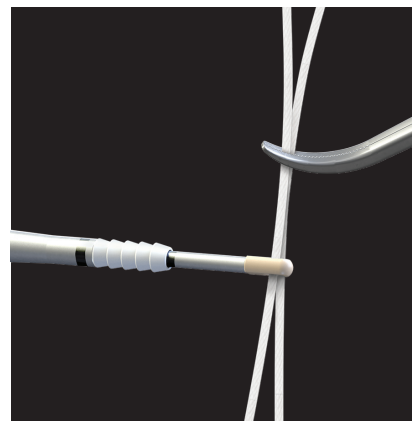
Cut the sutures flush using an open-ended FiberWire® suture cutter.



Pass the suture tails through the threader



Shuttle the suture tails



Secure the suture with a hemostat

Ordering Information

Suture Anchors

Product Description	Item Number
BioComposite PushLock® Anchor, 2.4 mm × 11.3 mm	AR-2922BC
PEEK PushLock Anchor, 2.4 mm × 11.3 mm	AR-2922PS
BioComposite Short PushLock Anchor, 2.9 mm × 12.5 mm	AR-2923BC
PEEK Short PushLock Anchor, 2.9 mm × 12.5 mm	AR-2923PS
BioComposite PushLock Anchor, 2.9 mm × 15.5 mm	AR-1923BC
PEEK PushLock Anchor, 2.9 mm × 15.5 mm	AR-1923PS

Note: Only use #1 FiberWire or FiberLink SutureTape with 2.4 mm PushLock Anchors

Implant System

Product Description	Item Number
Short 2.9 mm BioComposite PushLock Implant System (Includes 2.9 mm short BioComposite PushLock anchor, FiberLink SutureTape, and 2.9 short PushLock Percutaneous Kit)	AR-2923BCS

Required Instrument Options

Product Description	Item Number
Spear, Trocar, and Blunt-Tip Obturator for 2.8 FASTak™ II, 3 mm SutureTak®, and 2.4 mm and 2.9 mm PushLock Anchors	AR-1949
Drill for 2.4 mm PushLock Anchor, sterile	AR-2922D-24-2
Drill for 2.4 mm PushLock Anchor, hard bone, sterile	AR-2922D-24-3
Drill for Short 2.9 mm PushLock Anchor	AR-2923D
Drill for Short 2.9 mm PushLock Anchor, sterile	AR-2923D-ST
Drill for Short 2.9 mm PushLock Anchor, hard bone	AR-2923DT
Drill for Short 2.9 mm PushLock Anchor, hard bone, sterile	AR-2923DT-ST
Drill for 2.9 mm PushLock	AR-1923D
Drill for 2.9 mm PushLock, sterile	AR-1923D-ST
Drill for 2.9 mm PushLock, hard bone	AR-1923DT
Drill for 2.9 mm PushLock, hard bone, sterile	AR-1923DT-ST

Disposables

Product Description	Item Number
Disposables Kit for Short 2.9 mm PushLock Anchor, w/ metal spear, trocar, and drill	AR-2923DS
Percutaneous Insertion Kit for 2.9 mm PushLock Anchor (includes spear, dilator, needle w/ stylet, guide pin, drill, and cannula)	AR-1923PK
Percutaneous Insertion Kit for 2.4 mm PushLock Anchor (includes spear, dilator, needle w/ stylet, guide pin, drill, and cannula)	AR-2922PK
Disposable Offset Guide for 2.8 mm FASTak, 3 mm SutureTak, and 2.4 mm and 2.9 mm PushLock Anchors	AR-1934GS
Disposable Spear and Trocar-Tip Obturator for 2.8 mm FASTak, 3 mm SutureTak, and 2.4 mm and 2.9 mm PushLock Anchors	AR-1949S
ShaverDrill Instrument for 2.4 mm PushLock Anchor	AR-2922DSR-24
ShaverDrill Instrument for 2.4 mm PushLock Anchor, hard bone	AR-2922DTSR-24
ShaverDrill™ Instrument for Short 2.9 mm PushLock Anchor	AR-2923DSR

Optional Instruments

Product Description	Item Number
Offset Guide for 2.8 mm FASTak II, 3 mm SutureTak, and 2.4 mm and 2.9 mm PushLock Anchors	AR-1934R
Spear w/ Circumferential Teeth and Trocar-Tip Obturator for 2.8 mm FASTak II, 3 mm SutureTak, and 2.4 mm and 2.9 mm PushLock Anchors	AR-1946
Mini Suture Cutter, 3.4 mm, straight (use w/ metal cannula [AR-1923MCS])	AR-13255
Mini Suture Cutter, 3.4 mm, straight, w/ WishBone™ handle (use with metal cannula [AR-1923MCS])	AR-13255W
Mini FiberTape® Retriever, w/ self-ratcheting handle	AR-12974SR
Mini FiberTape Retriever, w/ nonratcheting handle	AR-12974NR
Mini FiberTape Retriever, w/ WishBone handle	AR-12974W

Suture Options

Product Description	Item Number
SutureTape	
SutureTape, 1.3 mm, 40 in (white/blue) w/tapered ends and tapered needle, 26.5 mm, 1/2 circle	AR-7500
SutureTape, x-pattern, 1.3 mm, two 40 in sutures (white/blue and white/black)	AR-7501
SutureTape, 1.3 mm, 40 in (blue/dark blue), w/ tapered needle, 36.6 mm, 1/2 circle	AR-7506
SutureTape, 1.3 mm, 40 in (black/white), w/ tapered needle, 36.6 mm, 1/2 circle	AR-7506T
FiberLink SutureTape	
FiberLink SutureTape, 1.3 mm w/ SutureTape Loop, 26 in (white/blue)	AR-7535
TigerLink SutureTape, 1.3 mm w/ SutureTape Loop, 26 in (white/black)	AR-7535T
FiberLink SutureTape Plus, 1.7 mm, w/ loop (white/blue)	AR-7538
TigerLink SutureTape Plus, 1.7 mm, w/ loop (white/black)	AR-7538T
LabralTape™ Suture	
LabralTape Suture, 1.5 mm, 36 in (white)	AR-7276
LabralTape Suture, 1.5 mm, 36 in (white/black)	AR-7276T
FiberWire® and TigerWire® Suture	
#1 FiberWire Suture, 38 in (blue)	AR-7216
#2 FiberWire Suture, 38 in (blue)	AR-7233
#2 TigerWire Suture, 38 in (white/black)	AR-7203
FiberStick™ and TigerStick® Suture	
FiberStick Suture, #2 FiberWire Suture, 50 in (blue), one end stiffened 12 in	AR-7209
TigerStick Suture, #2 TigerWire Suture, 50 in (white/black), one end stiffened 12 in	AR-7209T
FiberLink™ and TigerLink™ Suture	
FiberLink Suture, #2 FiberWire Suture w/ closed loop, 26 in (blue)	AR-7235
TigerLink Suture, #2 TigerWire Suture w/ closed loop, 26 in (white/black)	AR-7235T

Reference

1. Arthrex, Inc. Data on file (APT-04463). Naples, FL; 2020.



This description of technique is provided as an educational tool and clinical aid to assist properly licensed medical professionals in the usage of specific Arthrex products. As part of this professional usage, the medical professional must use their professional judgment in making any final determinations in product usage and technique. In doing so, the medical professional should rely on their own training and experience, and should conduct a thorough review of pertinent medical literature and the product's directions for use. Postoperative management is patient-specific and dependent on the treating professional's assessment. Individual results will vary and not all patients will experience the same postoperative activity level and/or outcomes.

View U.S. patent information at www.arthrex.com/corporate/virtual-patent-marking

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