

Knotless 1.8 FiberTak[®] Soft Anchor for Glenoid Labrum Repair

Surgical Technique



Knotless 1.8 FiberTak® Soft Anchor for Glenoid Labrum Repair

This tensionable knotless suture anchor combines the benefits of soft anchors with knotless soft-tissue fixation. Use the curved spear and 1.8 mm drill to precisely create a pilot hole on the glenoid rim. Insert the suture anchor through the spear, maintaining the same portal and drill trajectory. Once the suture is passed and shuttled into the locking mechanism, tension can be controlled and adjusted under direct visualization.

Advantages

1.5 p.d.

- 231 N of secure, low-profile knotless suture fixation¹
- No risk of knot impingement or loosening
- 1.8 mm drill to minimize bone removal
- Premium instrumentation with additional stability, available in curved and straight options for full access around the glenoid
- Simple, reproducible insertion and passing techniques similar to knot-tying anchors
- Tension and retension until repair is complete



Knotless simple stitch



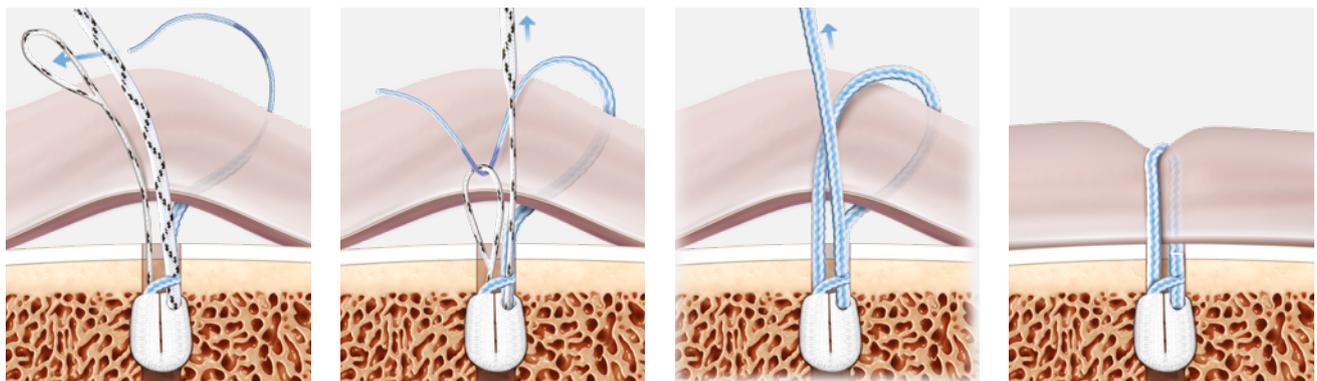
Knotless mattress stitch

Infinite Tissue-Tensioning Variability



Knotless 1.8 FiberTak® Soft Anchor With Self-Locking Technology

1.6 p.d.



Just pass it, cinch it, cut it

Knotless 1.8 FiberTak® Soft Anchor

The Knotless 1.8 FiberTak® soft anchor is the latest in knotless technology for instability. This design combines trusted knotless technology with the latest in suture innovation. The implant and instrument design is optimized for consistent and reliable fixation.

Implant Features



- The implant handle features a centering stability sleeve, which increases insertion consistency by eliminating extra movement that can occur during impaction



- The vivid, all-blue repair suture has a tapered tail



Instrument Features

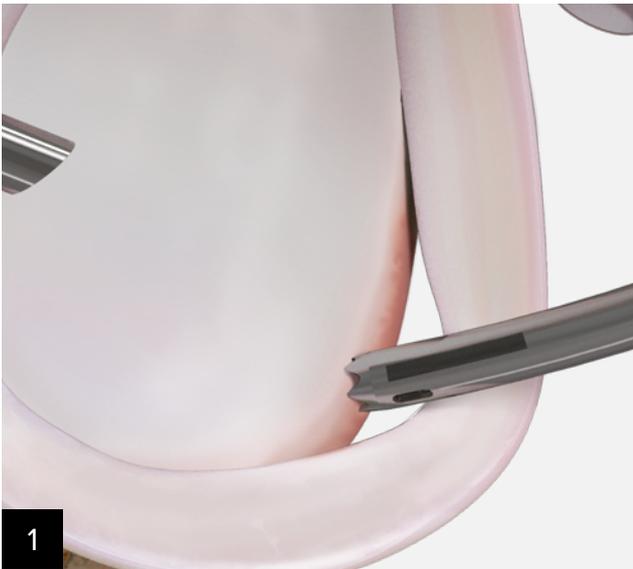


- Curved guide handles have a scallop at the proximal end for identifying the convex curve direction of the distal tip

- Flexible drill has a tri-flat design for drill hub connection, a positive stop for consistent drill depth, and a centering stability sleeve for accuracy while using the drill guide

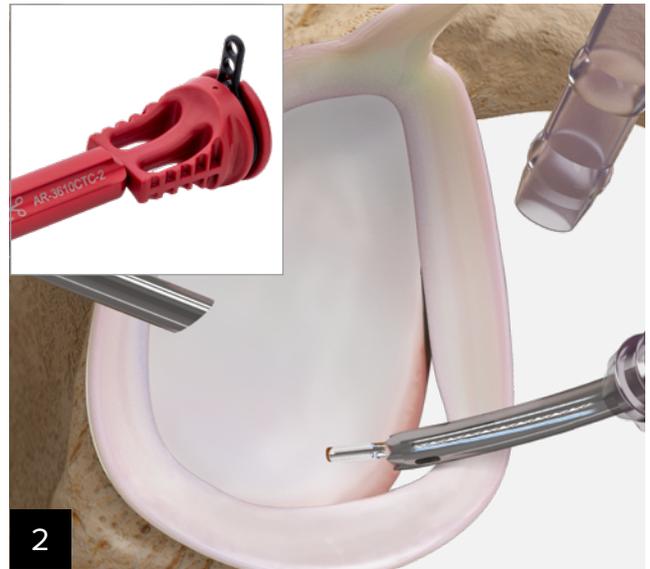
- Laser line on the distal tip of the spear indicates the convex curve direction





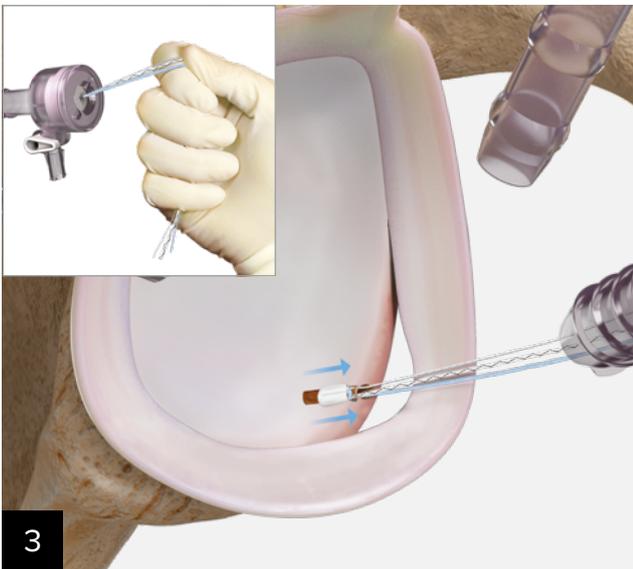
1 Mobilize the labrum and create a bleeding bed to enhance tissue healing to bone. Pass the spear and place it on the glenoid rim. Fully advance the drill through the spear until the drill laser line or collar contacts the spear's handle.

Note: Drilling in very hard bone may require cycling the drill while maintaining consistent alignment of the drill guide. Increased size, hard bone drills are also available for use.



2 Insert the anchor through the spear and into bone by gentle impaction until the inserter handle is flush with the back of the spear.

Note: If insertion resistance is encountered, do not impact harder. Replace the implant and repeat the drilling/insertion process. Avoid excessive impaction as this could lead to inserter damage and/or breakage. See **WARNING NOTE** on back page for additional information.

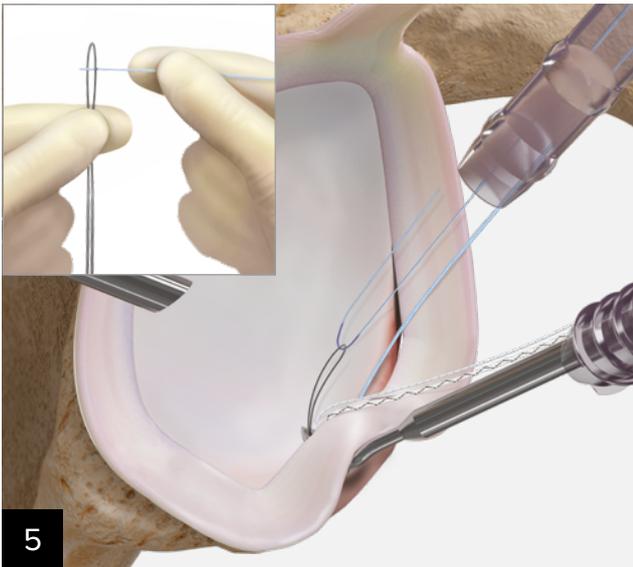


3 Remove the inserter handle and spear, then pull on all 3 suture tails to confirm the anchor is set in the cortical bone.

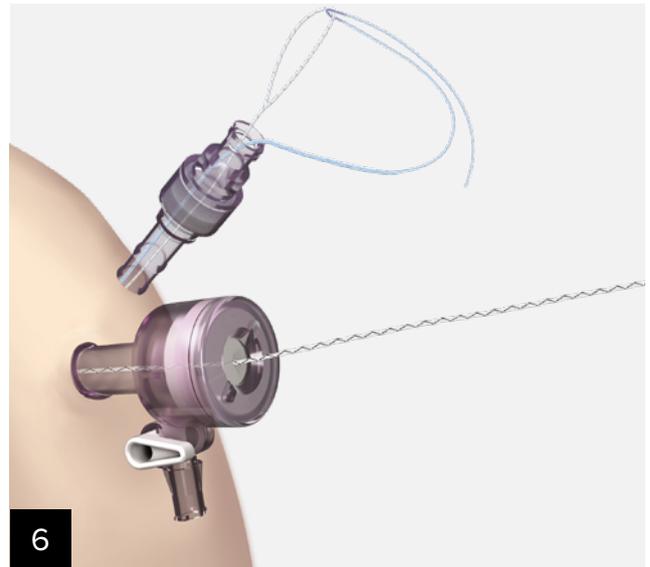
Note: A slow, steady pull is recommended to allow the anchor to properly deploy. A fast, aggressive pull could lead to improperly setting the anchor.



4 Retrieve the blue repair suture through the anterosuperior portal using a suture retriever. Insert a curved SutureLasso suture passer into the anteroinferior cannula and pass it through the capsulolabral tissue inferior to the anchor. Advance the nitinol wire loop into the joint. Retrieve the wire loop through the anterosuperior portal using the KingFisher retriever.

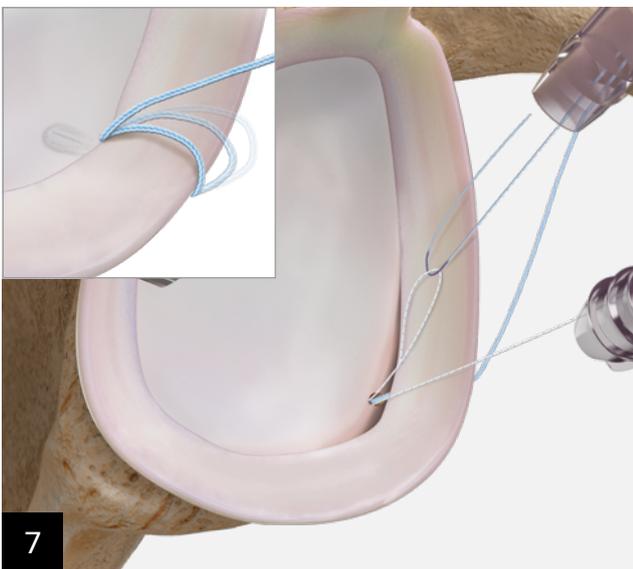


5 Load the blue repair suture tail through the nitinol wire loop. Retract the wire loop through the SutureLasso suture passer to pull the suture to the distal end of the suture passer inside the joint. Remove the suture passer and wire loop together to shuttle the repair suture through the labral tissue.



6 Retrieve the blue repair suture and round-looped side of the white/black shuttle suture through the anterosuperior portal.

Load the repair suture through the loop of the shuttle suture. **Fold the repair suture tail at the purple mark** and crease the suture with your fingers.



7 Pull the SutureTape side of the white/black shuttle suture to transfer the repair suture back into the anchor **through the same portal where it was inserted.** **Advance the shuttle suture with repeated light tugs** until the repair suture is passed through the suture splice locking mechanism and back out of the cannula.



8 Pull the free end of the repair suture until the desired repair tension is achieved. A tissue grasper can be used to position the labrum in its desired location while applying tension on the repair. Cut the suture flush using a mini suture cutter.

Ordering Information

Implant

Product description	Item number
Knotless 1.8 FiberTak® soft anchor, with #2 suture	AR-3636



Disposable Instruments

Product description	Item number
Percutaneous instrument kit, for Knotless FiberTak® soft anchor, with 1.8 mm rigid drill	AR-3610PK-3
Knotless FiberTak® disposables kit, with tapered curved spear, 1.8 mm flexible drill, and blunt obturator	AR-3610DC-3
Knotless FiberTak® disposables kit, with curved spear, 1.8 mm flexible drill, and blunt obturator	AR-3638DC
Knotless FiberTak® disposables kit, with straight spear, 1.8 mm rigid drill, and blunt obturator	AR-3638DS
Drill, flexible, 1.8 mm, with hub, trocar obturator, sterile	AR-3610ND-2
Drill, flexible, 1.9 mm, with hub, trocar obturator, sterile, hard bone	AR-3610ND-4
Drill, rigid, 1.8 mm, sterile	AR-3600D-2
ShaverDrill™ device, flexible, 1.8 mm	AR-3610NSD-2

Reusable Curved Spear Options

Product description	Item number
Spear, curved, for FiberTak® soft anchor, with trocar obturator	AR-3610CTC
Spear, tight curved, for FiberTak® soft anchor, with trocar obturator	AR-3610CTC-2

Reusable Straight Spear Options

Product description	Item number
Spear, fishmouth	AR-3610F
Spear, with circumferential teeth	AR-3610CT
Spear, slotted	AR-3610ST



Fishmouth spear
AR-3610F



Spear with circumferential teeth
AR-3610CT



Slotted spear
AR-3610ST

Ordering Information (cont)

Knotless 2.6 FiberTak® Soft Anchor

With the same tensionable knotless technology as the smaller Knotless 1.8 FiberTak soft anchor, the Knotless 2.6 FiberTak soft anchor includes a #5 repair suture. This anchor option combines the benefits of a soft anchor with a broader soft-tissue repair option. Using a drill guide and 2.6 mm drill, create a pilot hole and insert the anchor through the drill guide. Once the repair suture is passed through tissue, shuttle it into the knotless suture mechanism. Suture repair tension can be controlled and adjusted under direct visualization.



Implant

Product description	Item number
Knotless 2.6 FiberTak® soft anchor, with #5 suture	AR-3641

Disposable Instruments

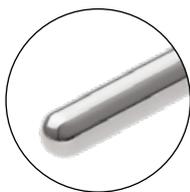
Product description	Item number
Disposables kit, with spear, obturator, and 2.6 mm drill	AR-3650DS
Drill, 2.6 mm	AR-3657
ShaverDrill™ device, 2.6 mm	AR-3657SD

Reusable Instruments

Product description	Item number
Punch, for Knotless 2.6 FiberTak® soft anchor	AR-3656
Obturator, blunt tip, for spear	AR-3658B
Obturator, trocar tip, for spear	AR-3658T
Spear, angled, with circumferential teeth	AR-3655
Spear, with circumferential teeth, for 2.6 FiberTak® soft anchor	AR-1941CT
Spear, fishmouth, for 2.6 FiberTak® soft anchor	AR-1941DGF



Punch for Knotless 2.6 FiberTak® soft anchor
AR-3656



Blunt-tip obturator
AR-3658B



Trocar-tip obturator
AR-3658T



Angled spear with circumferential teeth
AR-3655



Spear with circumferential teeth
AR-1941CT



Fishmouth spear
AR-1941DGF

Reference

1. Arthrex, Inc. Data on file (APT 3531). Naples, FL; 2017.

WARNING!

TO HELP AVOID INSERTER BREAKAGE AND POTENTIAL PATIENT INJURY:

- Avoid excessive impaction as this could lead to inserter damage and/or breakage
- If insertion resistance is encountered, do not impact harder.
Replace the implant and repeat the drilling/insertion process
- Visually inspect the inserter for potential breakage after each implantation.
See image below for reference **(a)**.



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 or outcomes.



Arthrex Manufacturer,
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US patent information

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 **Climate neutral**
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