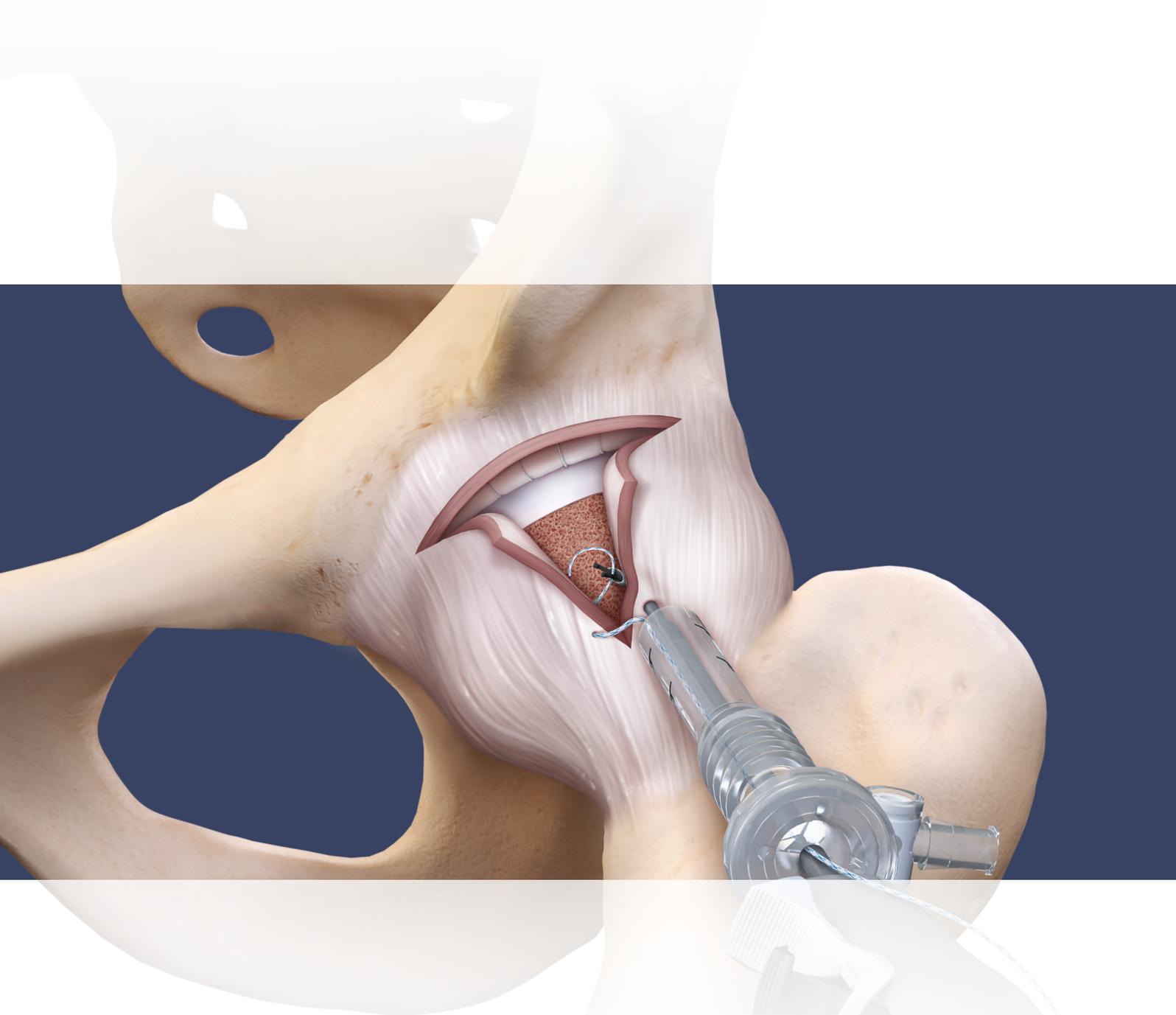


Hip Capsular Closure Using the CapsuleStitch™ Suture Passer

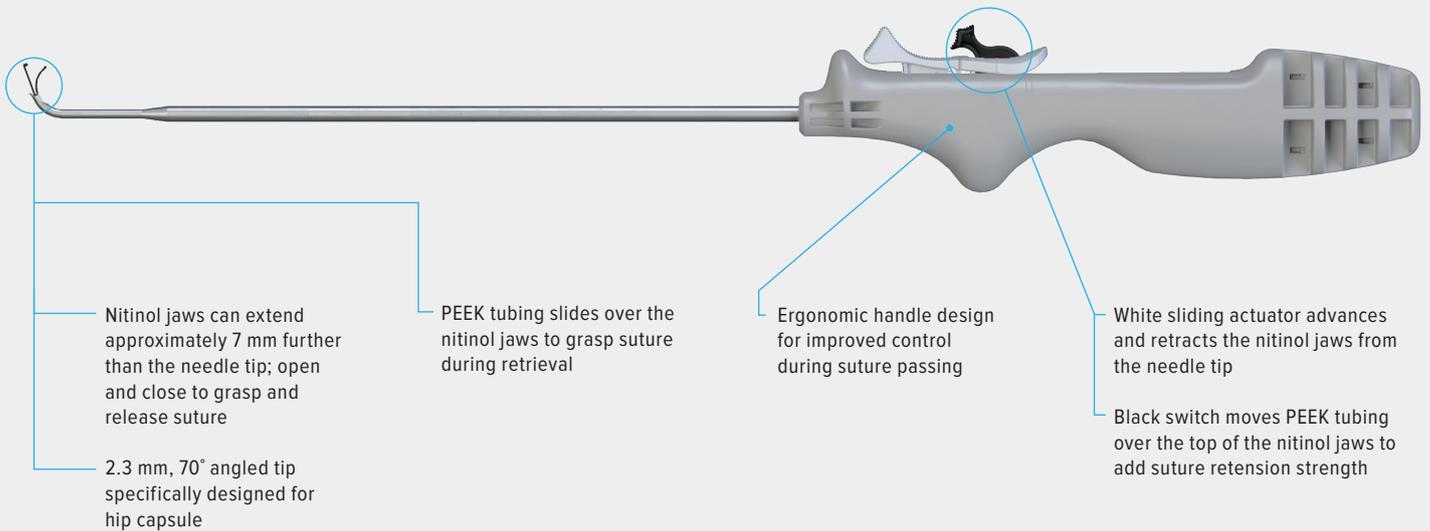
Surgical Technique



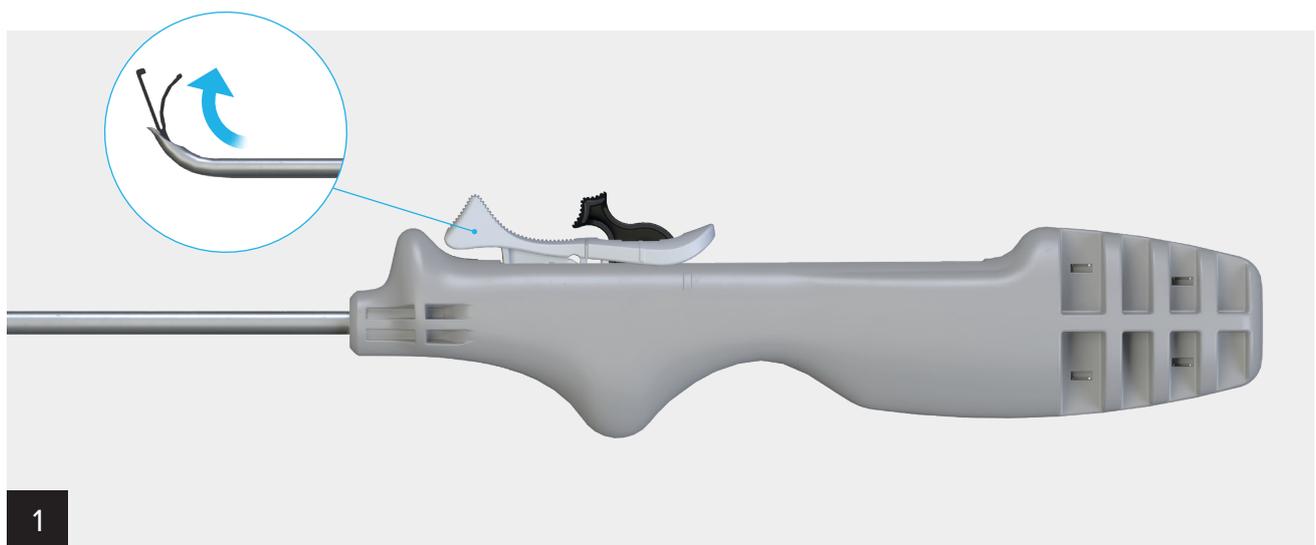
Arthrex® 

CapsuleStitch™ Suture Passer

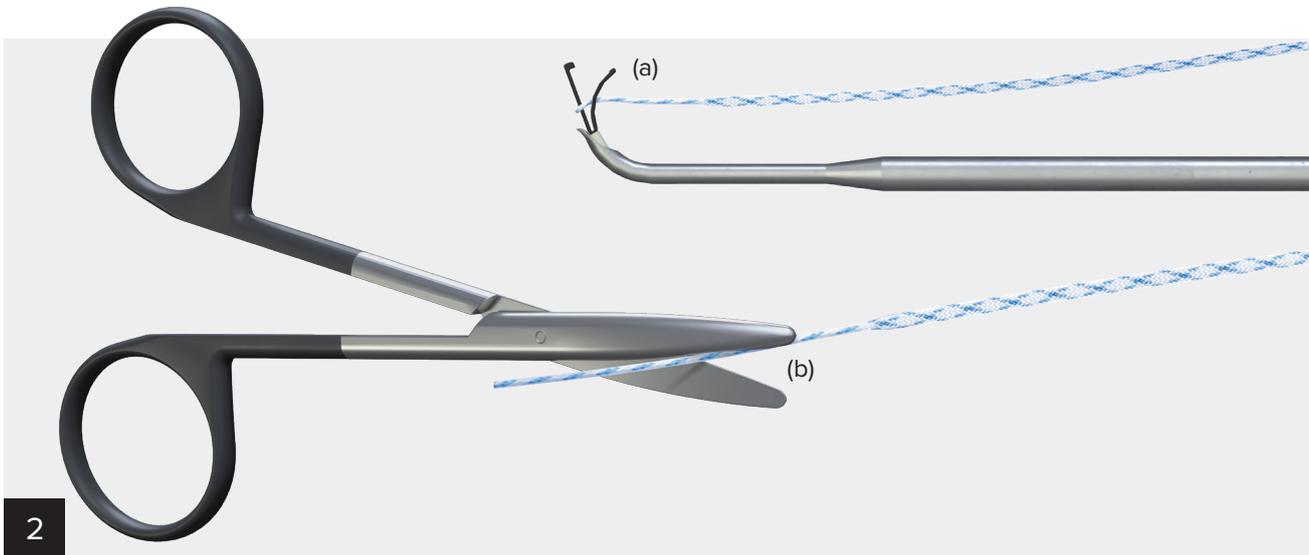
The CapsuleStitch suture passer is designed for single-portal capsular closure at the end of a hip arthroscopy procedure. A minimum of 45 mm of suture can be passed underneath the capsule, leaving ample suture for retrieval through the opposite capsular leaflet. This device is compatible with #2 FiberWire® suture, 1.3 mm SutureTape, and LoopLoc™ knotless implants.



Surgical Technique

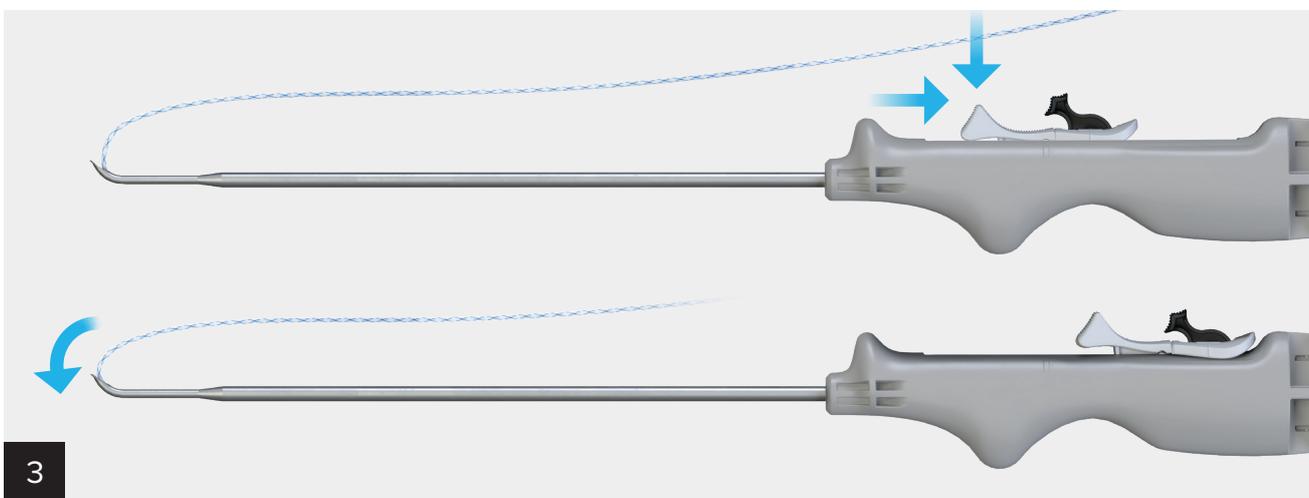


Outside the arthroscopic cannula, expose the outer nitinol jaws of the CapsuleStitch suture passer by pushing the white sliding actuator down and forward toward the shaft of the device.

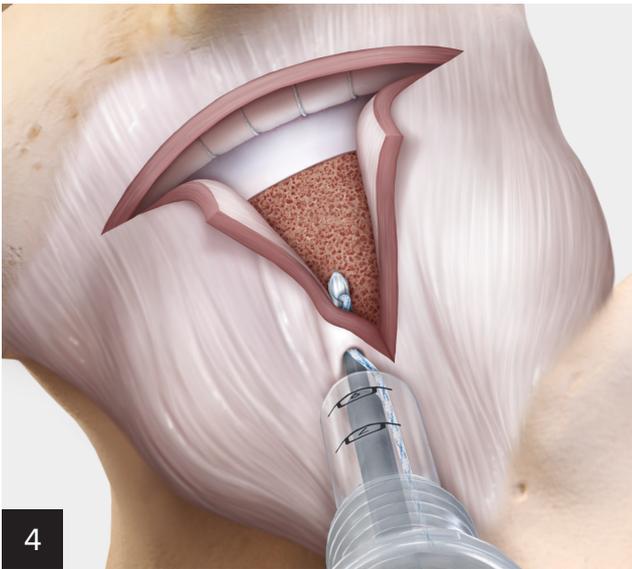


Once the jaws are exposed, load approximately 5 mm of the end of a suture into the nitinol jaws of the suture passer **(a)**.

Note: It is important to cut the stiffened portion of the suture as it may not load into the jaws properly. Use FiberWire® scissors to cut the tipped portion of the suture (b).

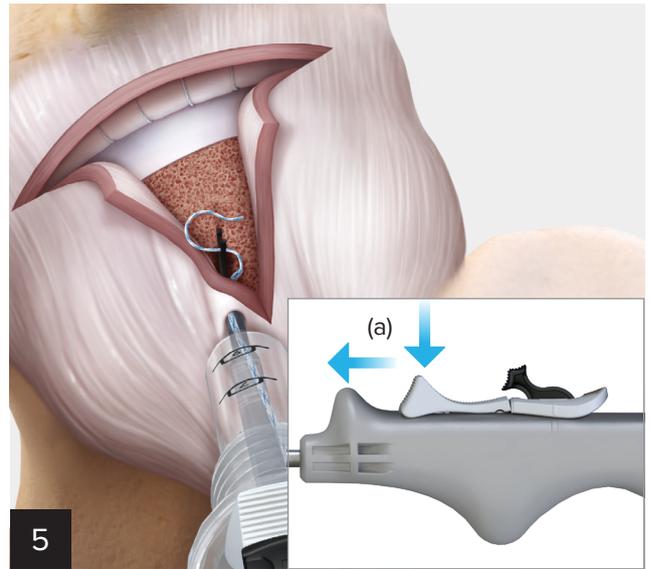


Push the white sliding actuator down and slide it backward to pull the suture into the needle of the device.



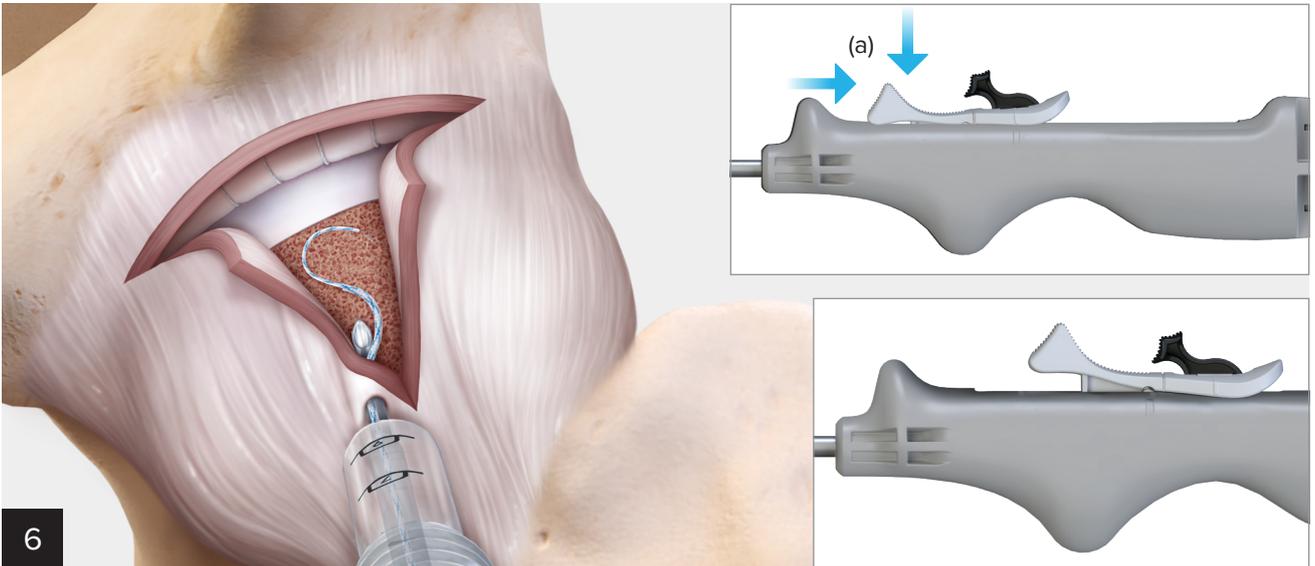
4

Viewing from an anterior or anterolateral portal, place the CapsuleStitch™ suture passer through the distal anterior lateral accessory portal to pass suture through the most distal medial aspect of the “T” capsulotomy.



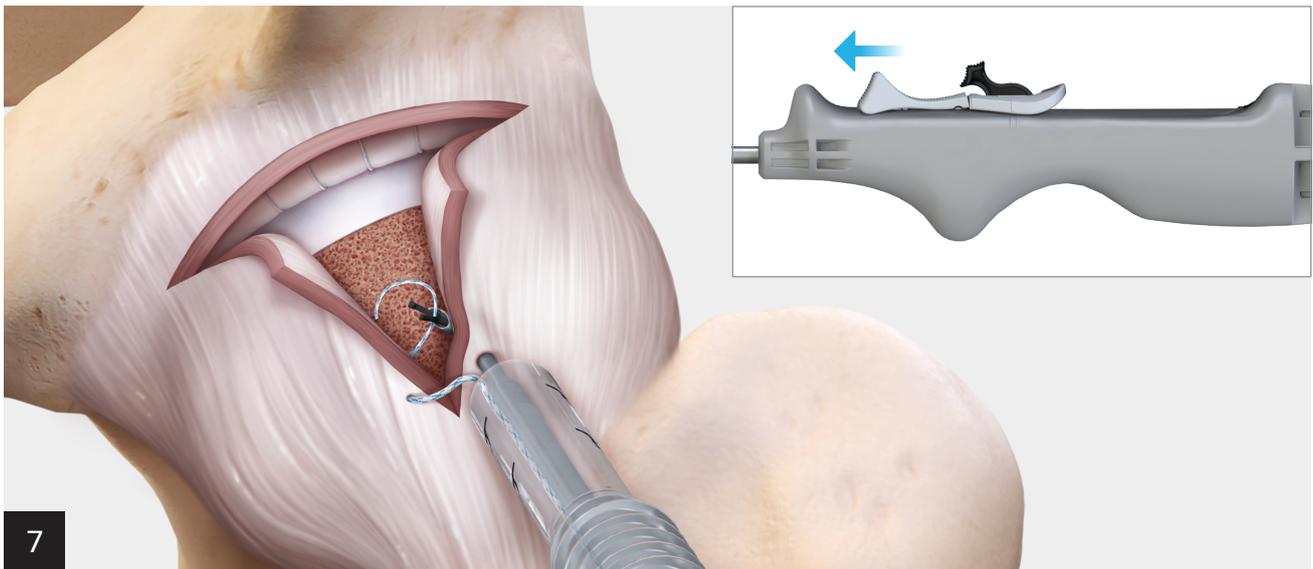
5

Push the suture underneath the capsule and into the peripheral space by pushing the white sliding actuator down and forward **(a)**.

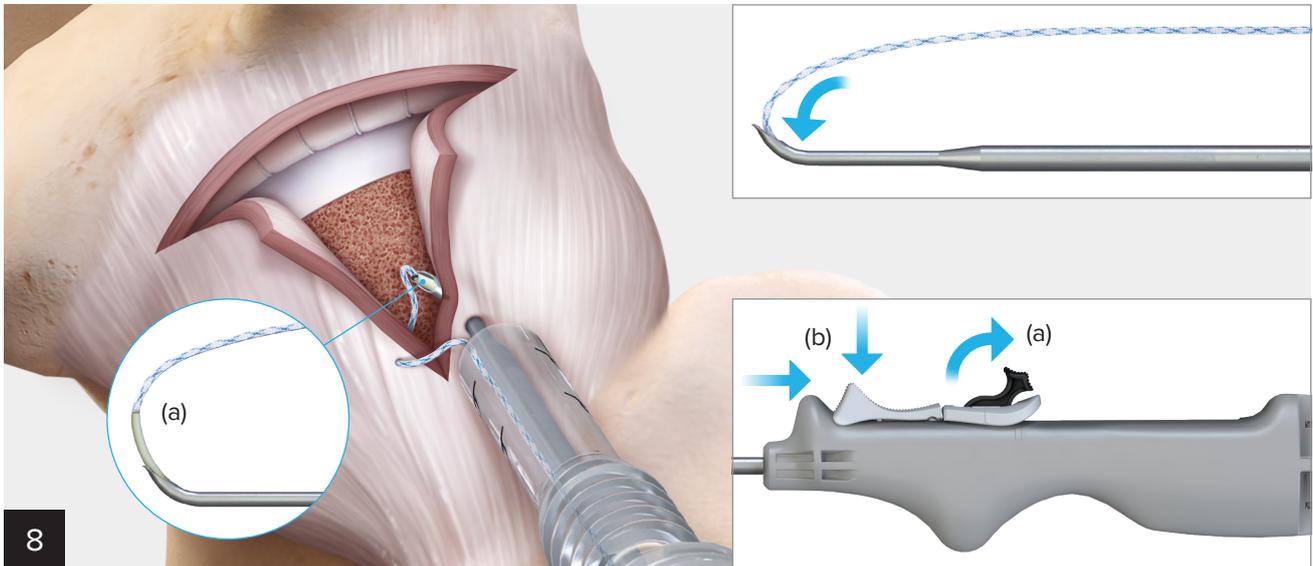


6

Once the suture is released from the jaws, push the white sliding actuator down and pull it backward **(a)** to load the nitinol jaws back into the needle. Remove the needle from the capsular leaflet.

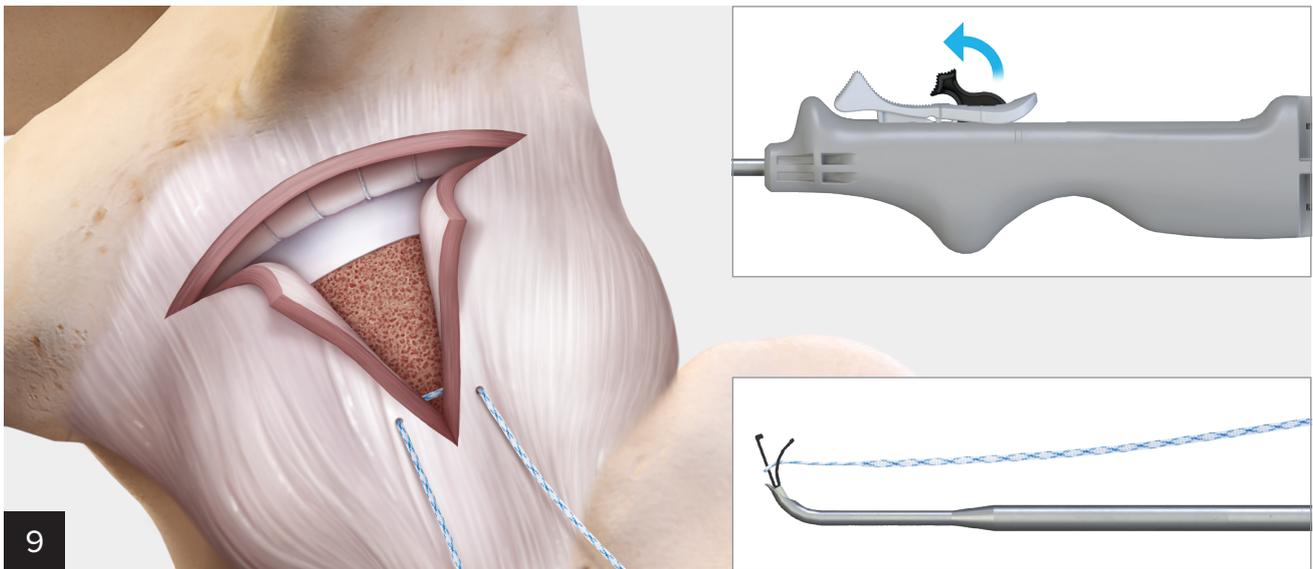


7 With the device still in the pericapsular space, push the device through the distal lateral capsular leaflet to retrieve the passed suture. Push the white sliding actuator down and forward so the nitinol jaws are positioned next to the suture.



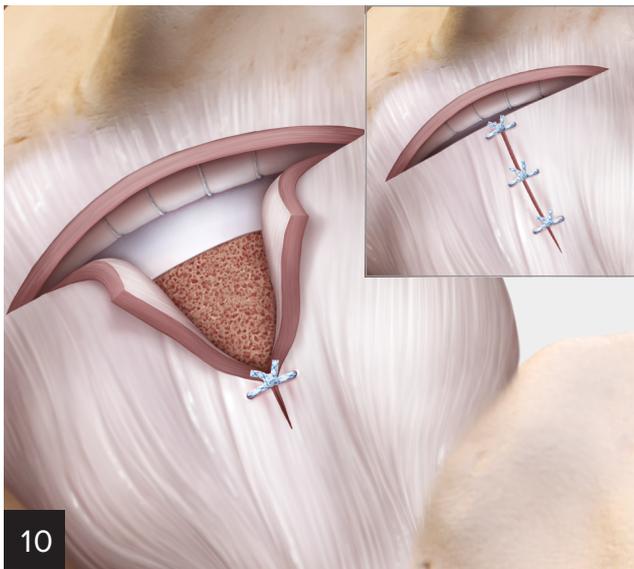
8 Once the suture is loaded into the nitinol jaws, pull the black switch backward to capture the suture with the PEEK tubing **(a)**. Push down and move the white sliding actuator backward to a point where the suture is located inside the bend of the needle for added suture retention strength **(b)**.

Note: Keep pressure on the actuator as you pull the suture out of the cannula to ensure it remains contained in the nitinol jaws.



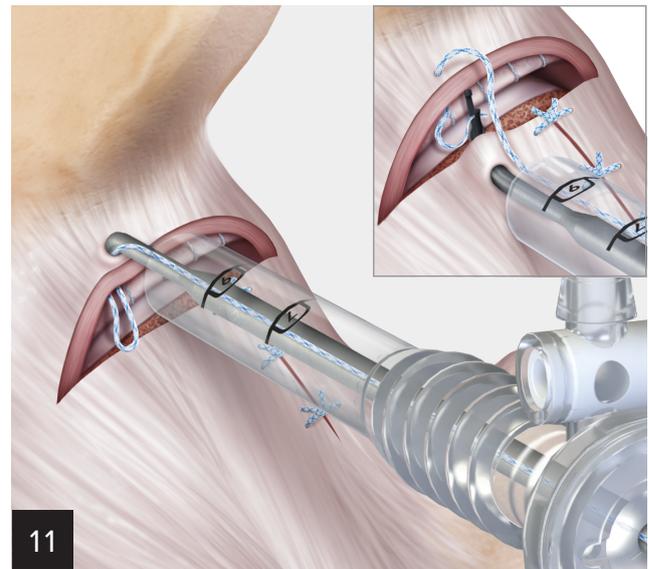
9

Once the suture passer is outside of the arthroscopic cannula, release the suture by pushing the white sliding actuator down and forward, exposing the nitinol jaws and PEEK tubing. Then push the black switch forward to expose the nitinol jaws and the suture. Remove the suture from the passer and repeat the loading process for subsequent sutures.



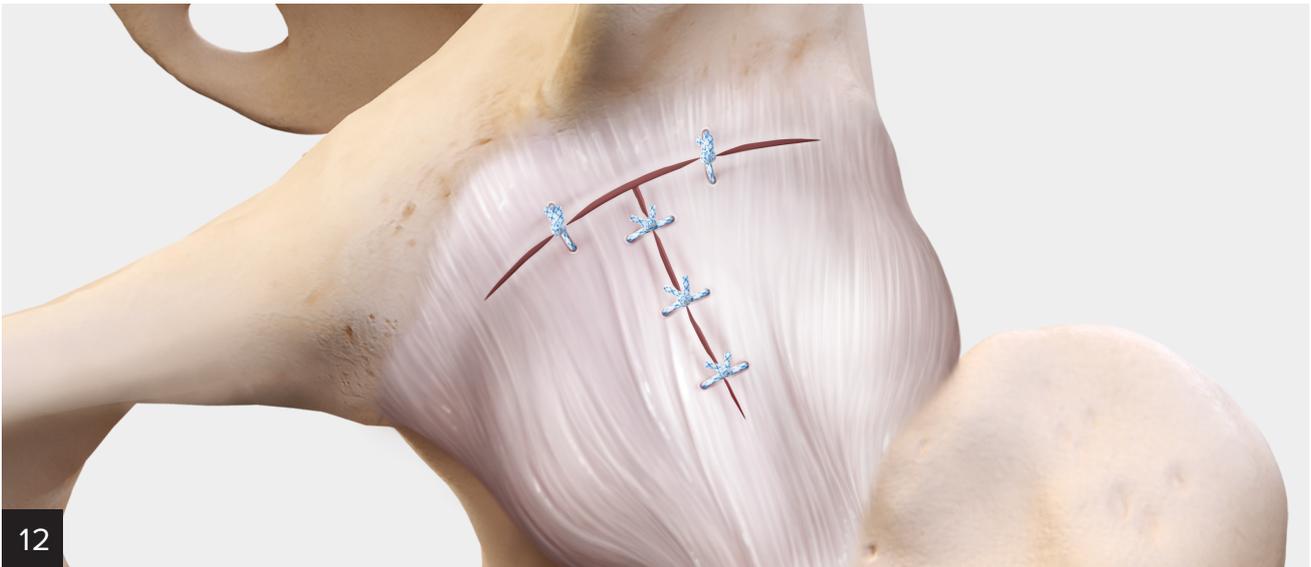
10

Tie and cut the suture tails and repeat these steps for the additional stitches, working in a distal-to-proximal direction until the interportal capsulotomy is reached.



11

To close the interportal portion of the capsulotomy, view from the anterolateral portal and place the CapsuleStitch™ suture passer through either the anterior or the midanterior portal to engage the proximal medial capsular flap first, followed by the distal medial flap, using the same steps outlined earlier in this technique guide.



Final Fixation

Tie and cut the suture tails, and repeat these steps for the additional stitches, working in a medial-to-lateral direction. It may be necessary to switch the working portal to the anterolateral portal and view through the anterior or midanterior portal to close the lateral aspect of the interportal capsulotomy.

Ordering Information

Product Description	Item Number
CapsuleStitch™ Suture Passer, 70° angled tip	AR-7070
1.3 mm SutureTape	AR-7501
#2 FiberWire® Suture	AR-7201
LoopLoc™ Knotless Implant	AR-2750

Products may not be available in all markets because product availability is subject to the regulatory approvals and medical practices in individual markets. Please contact your Arthrex representative if you have questions about the availability of products in your area.



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.

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