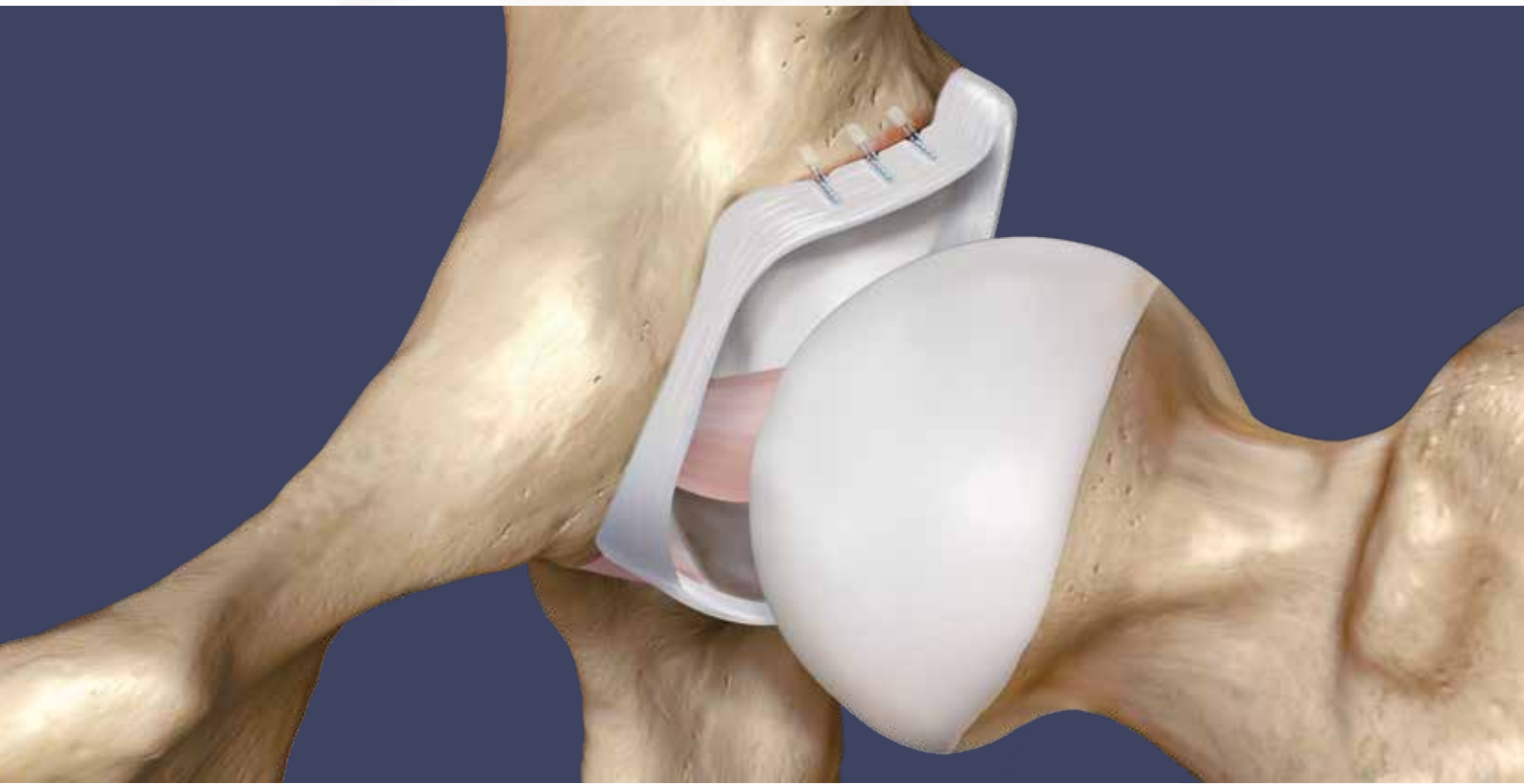


Hip Labral Repair Using the Knotless Hip FiberTak[®] Soft Anchor

Surgical Technique



Arthrex[®] 

Acetabular Labral Repair Using the Knotless Hip FiberTak® Soft Anchor

The next-generation, self-tensioning Knotless Hip FiberTak soft anchor can be easily inserted through straight and curved drill guides and requires a small, 1.8 mm bone socket, making it one of the smallest knotless anchors available for acetabular labral repair and reconstruction. In addition to its small size, this implant's adjustable tensioning ensures precise placement of the labrum, helping to avoid labral eversion away from the femoral head and maintain the suction seal of the hip joint.

Advantages

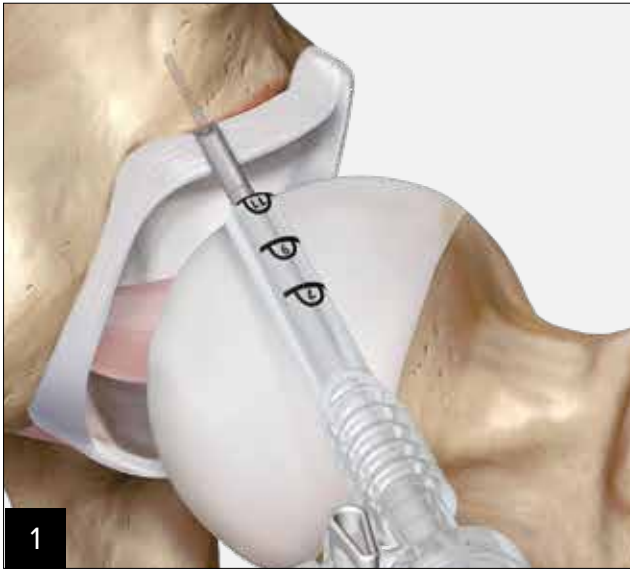
- Adjustable tensioning to control labrum positioning
- No risk of knot impingement or knot loosening
- Simple, reproducible percutaneous insertion techniques
- Easily maintain the drill guide trajectory while drilling and inserting the implant
- Available with curved and straight drill guides

Patient Positioning

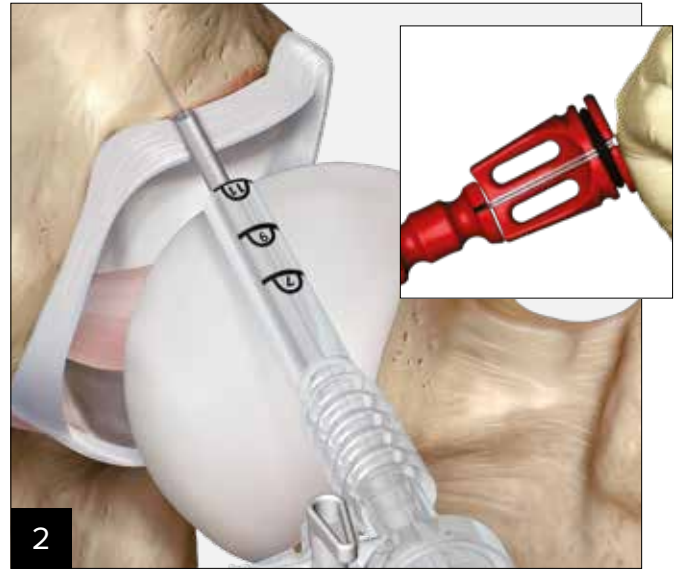
Acetabular labral repair is performed in the central compartment of the hip joint requiring appropriate distraction to allow adequate space for operating. Proper distraction in the supine position can be achieved using the Arthrex Hip Distraction System (HDS) to facilitate the desired lower extremity positioning.



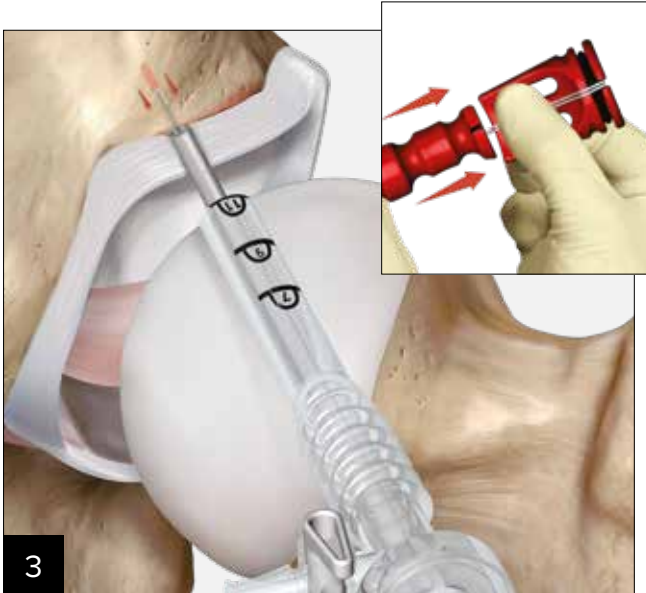
Circumferential Suture Configuration



Create a bone socket by sliding the appropriate drill guide down the cannula and placing it on the acetabular rim near the articular surface. Advance the drill bit on power through the drill guide until the collar contacts the handle. Cycle the drill bit 2-3 times in hard bone to clear bone debris from the prepared socket.



Insert the Knotless Hip FiberTak® soft anchor through the drill guide and impact the inserter handle until the positive stop is engaged.



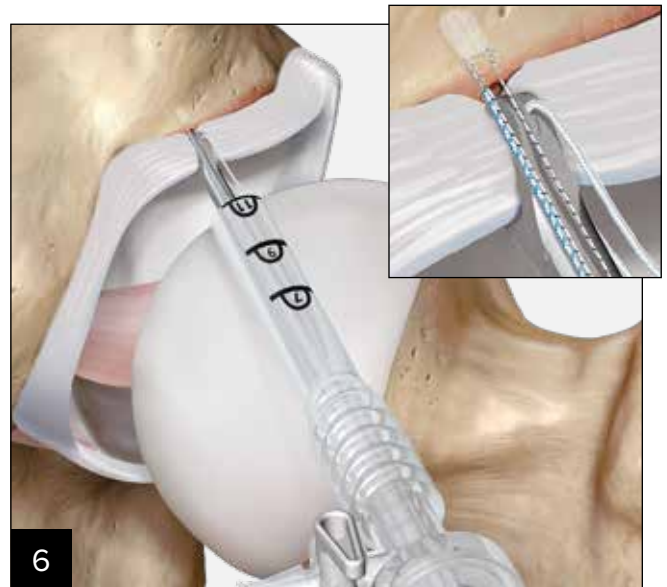
Grasp the handle and sutures and lightly pull on them to set the anchor in the bone.



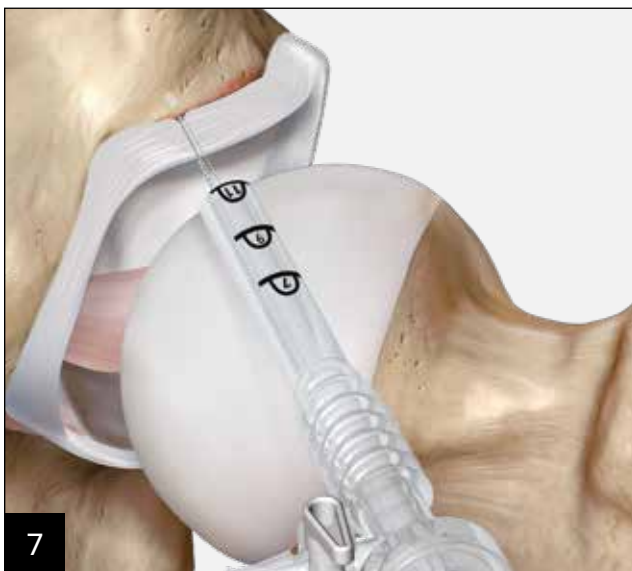
Remove the suture release tab to release the sutures from the handle. Remove the inserter handle and pull on the sutures to confirm the anchor is set in the bone.



5 Load approximately 3 cm of the repair suture into the Hip Labral Scorpion™ suture passer. Create a loop with the white portion of the suture and load it into the distal jaw. Pull slight tension on the suture towards the left side of the Scorpion shaft and gently squeeze the back handle to expose the Nitinol Scorpion needle. The suture will load into the notch of the needle.

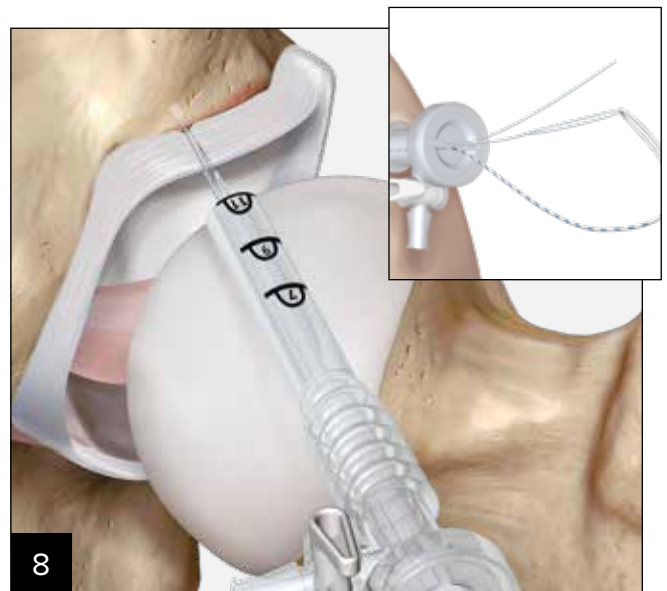


6 Slide the Hip Labral Scorpion suture passer into the joint space and place the articulating jaw underneath the labrum as close to the transitional zone of the chondrolabral junction as possible. Squeeze the front trigger to engage the tissue and compress the back of the handle to push the needle through the labral tissue.

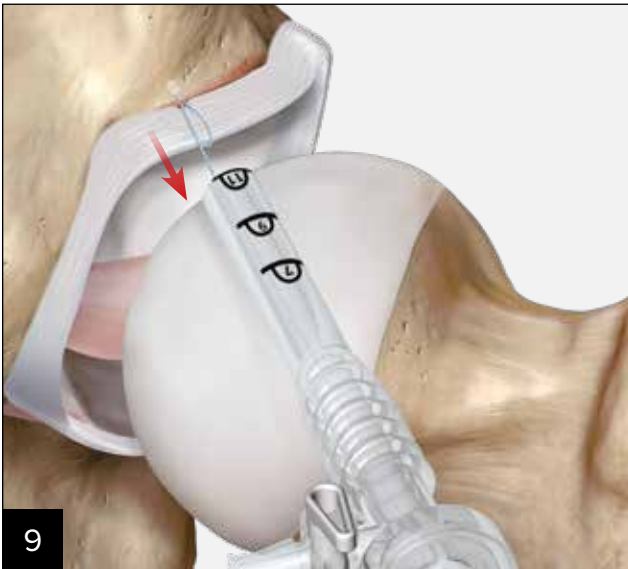


7 Pull the suture passer outside the joint and squeeze the handle while pulling tension on the suture to release it from the jaws.

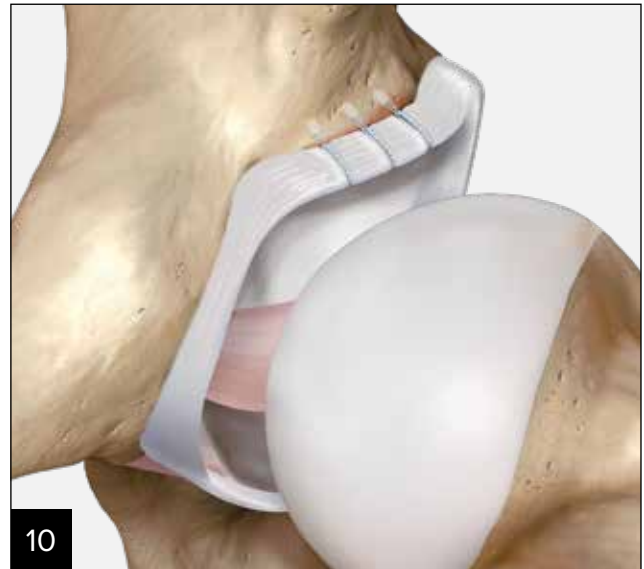
Alternatively, a BirdBeak® or Hip SutureLasso™ suture passer can be used to pass the repair suture.



8 Outside of the cannula, load the repair suture through the loop of the shuttling suture. Fold the white section of the repair suture in half and crease the suture with your fingers. Pull the free end of the shuttling suture to shuttle the repair suture back into the anchor. Advance the shuttle suture with repeated light tugs until the suture is passed through the suture splice locking mechanism.

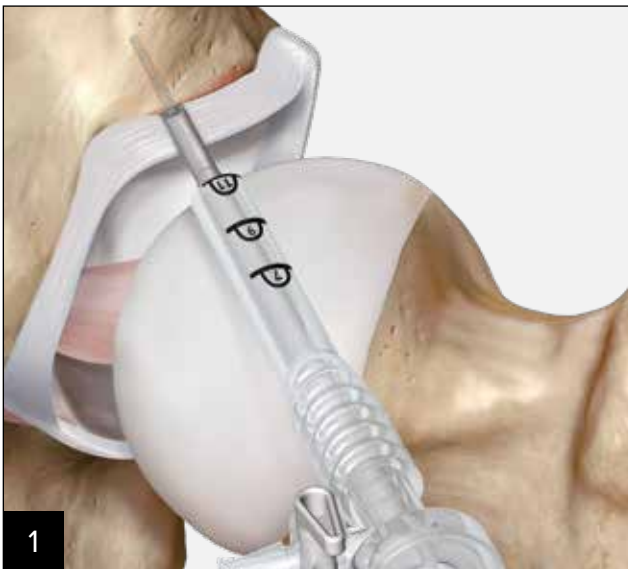


Pull the free end of the repair suture to the appropriate tension. Cut the suture tail once adequate tension is achieved.

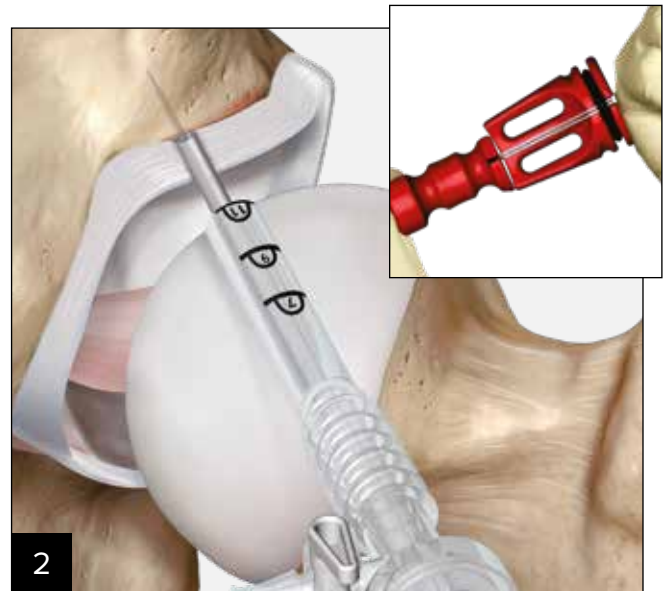


Insert subsequent anchors until the repair construct is complete.

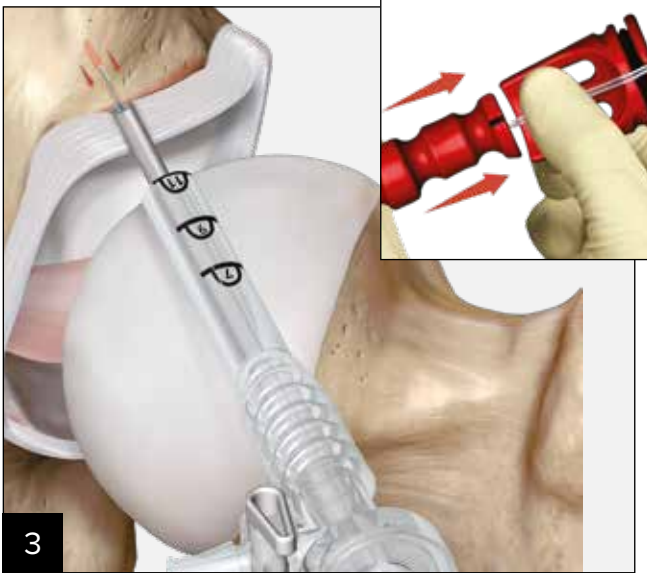
Labral Base Mattress Stitch Configuration



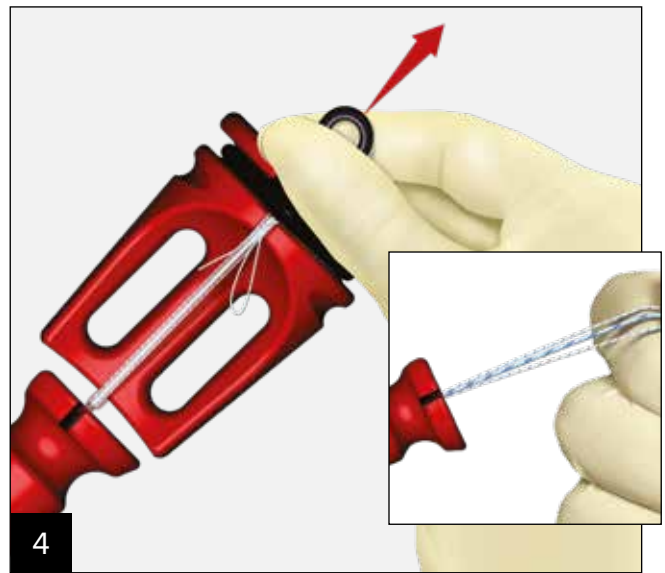
Create a bone socket by sliding the appropriate drill guide down the cannula and placing it on the acetabular rim near the articular surface. Advance the drill bit on power through the drill guide until the collar contacts the handle. Cycle the drill bit 2-3 times in hard bone to clear bone debris from the prepared socket.



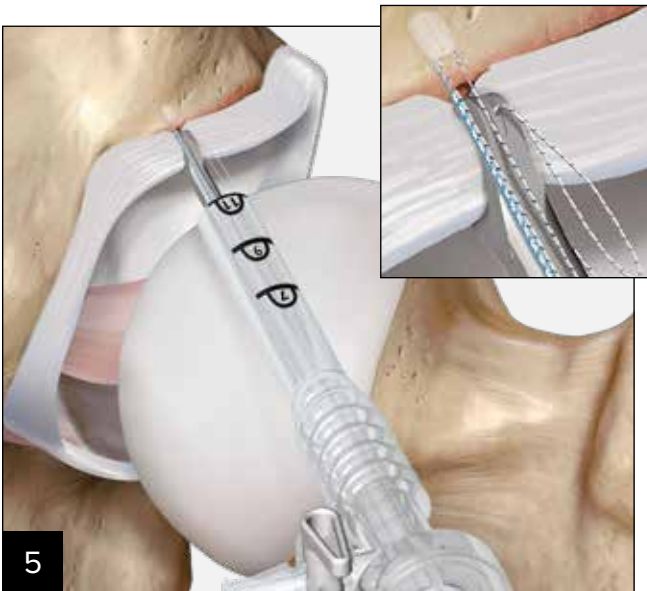
Insert the Knotless Hip FiberTak® soft anchor through the drill guide and impact the handle by hand until the positive stop is engaged.



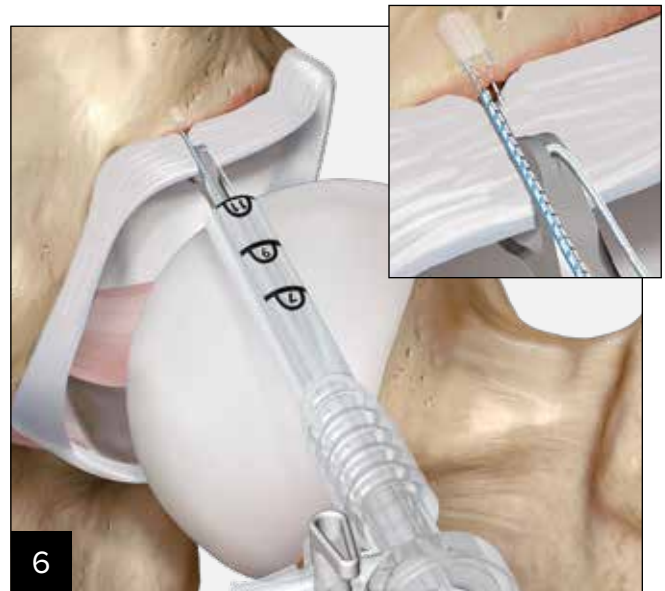
3 Grasp the handle and sutures and lightly pull on them to set the anchor in the bone.



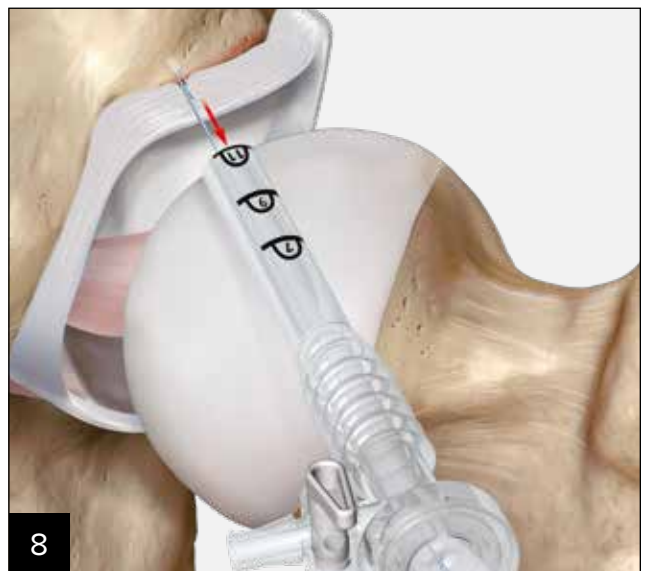
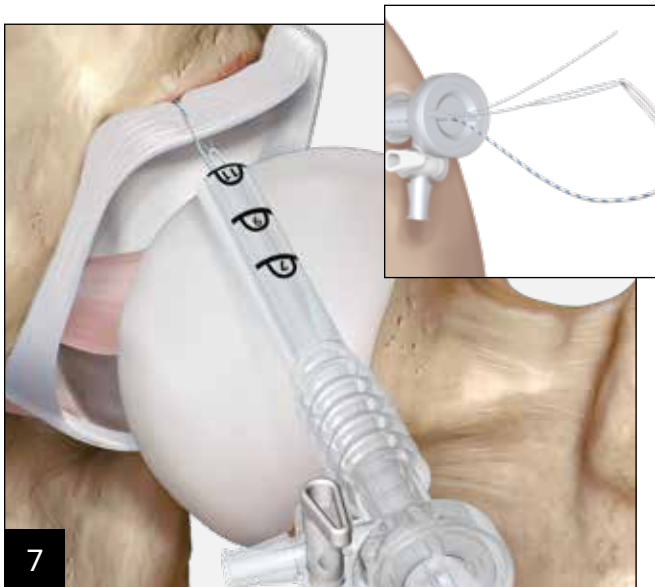
4 Remove the suture release tab to release the sutures from the handle. Remove the inserter handle and pull on the sutures to confirm the anchor is set in the bone.



5 Load the looped end of the black/white shuttling suture into the Hip Labral Scorpion™ suture passer and slide it into the joint. Place the articulating jaw underneath the labrum as close to the transitional zone of the chondrolabral junction as possible and pass the shuttling suture through the labrum. Remove the suture passer from the joint and release the shuttling suture.

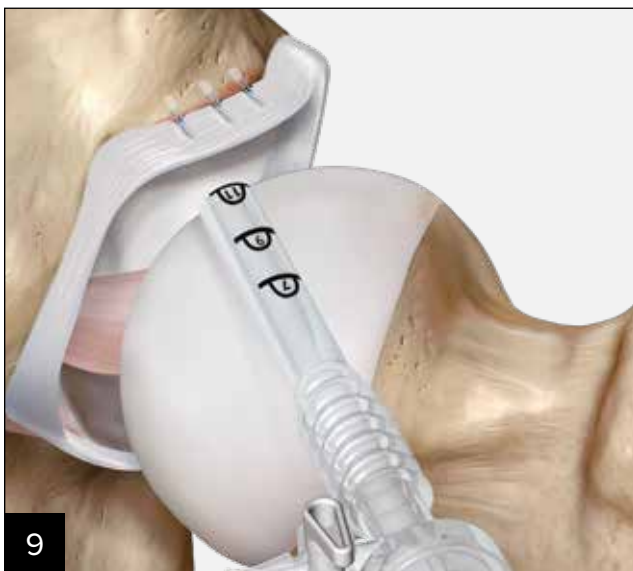


6 Load the repair suture into the suture passer and place the articulating jaw through the midsubstance of the labrum. Squeeze the front trigger to engage the tissue and compress the back of the handle to push the needle through the labral tissue.



7 Outside of the cannula, load the repair suture through the loop of the shuttling suture. Fold the white section of the repair suture in half and crease the suture with your fingers. Pull the free end of the shuttling suture to shuttle the repair suture back into the anchor. Advance the shuttling suture with repeated light tugs until the suture is passed through the suture splice locking mechanism.

8 Pull the free end of the repair suture to the appropriate tension and cut the suture tail once adequate tension is achieved.



9 Insert subsequent anchors until the repair construct is complete.



Ordering Information

Knotless Hip FiberTak® Implant

Product Description	Item Number
Knotless Hip FiberTak Suture Anchor, w/ #2 FiberWire® CL suture	AR-3638H

Knotless Hip FiberTak Disposables Kits

Product Description	Item Number
Knotless Hip FiberTak Disposables Kit, straight	AR-3638DHS
Knotless Hip FiberTak Disposables Kit, curved	AR-3638DHC

Reusable Instrumentation

Product Description	Item Number
Hip FiberTak Drill Bit, 1.8 mm	AR-3600D-2H
Hip FiberTak Drill Guide, crown tip	AR-3600DG
Hip FiberTak Drill Guide, fork tip	AR-3600DGF
Hip FiberTak Drill Guide, crown tip, curved	AR-3600DGC

Sterile, Single-Use Disposable Drill

Product Description	Item Number
Hip FiberTak Drill Bit, flexible, 1.8 mm	AR-3600ND-2H

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