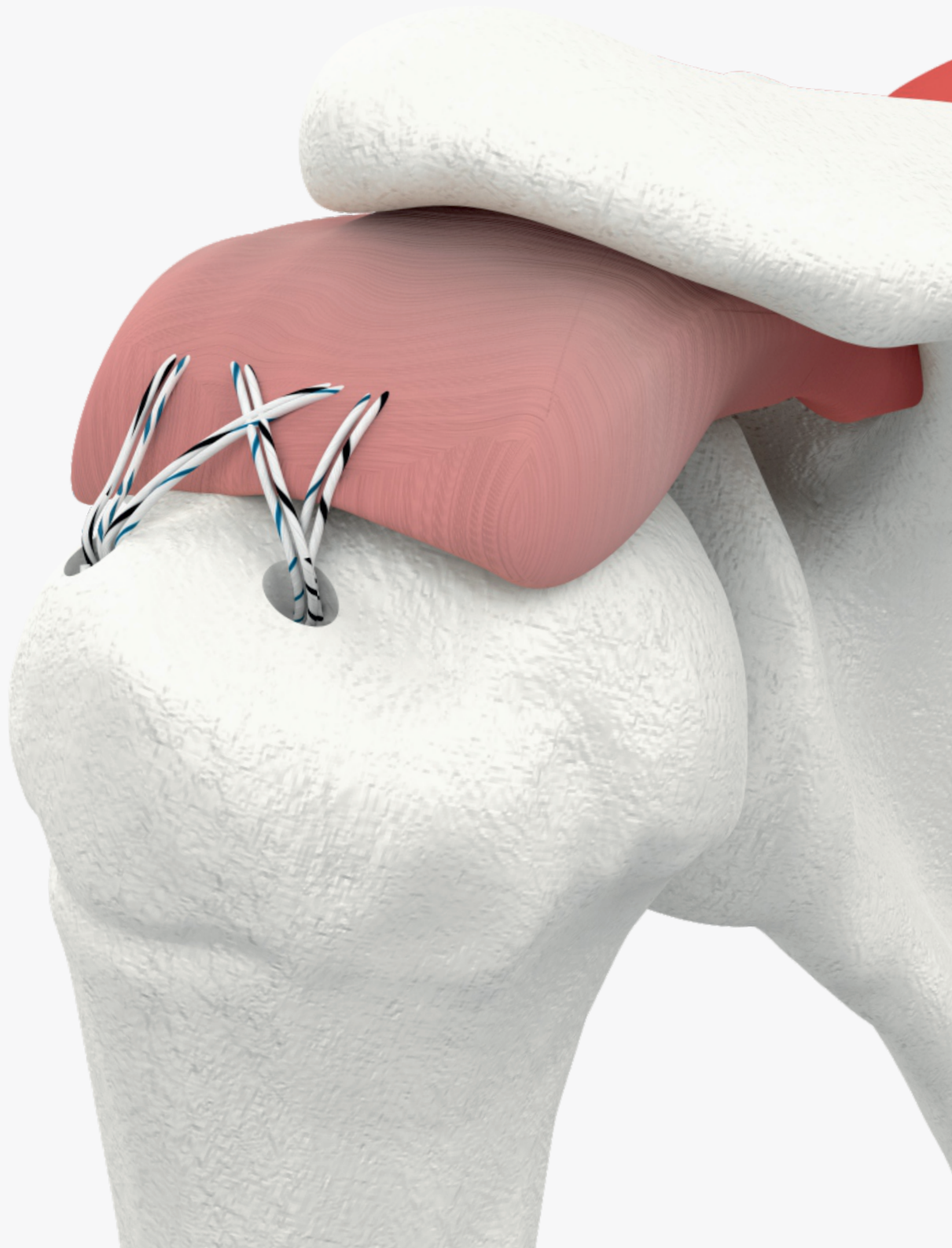
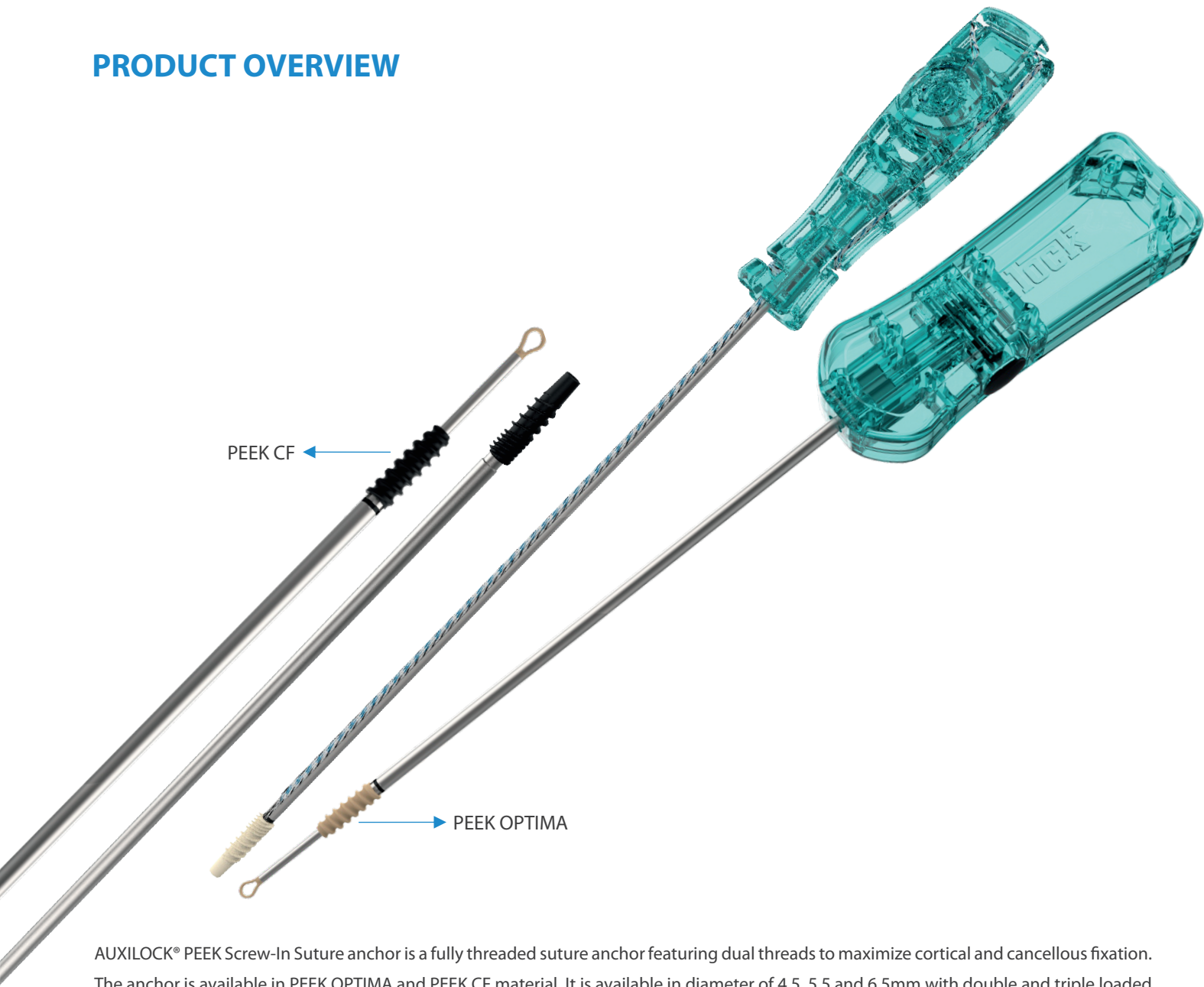


Surgical Technique

Double Row Rotator Cuff Repair using
PEEK Screw-in Suture Anchor and ROTADOR Screw-In anchor

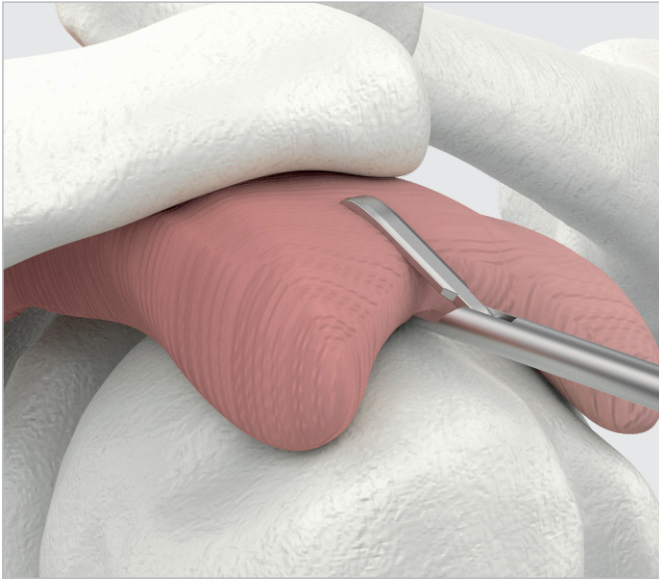


PRODUCT OVERVIEW



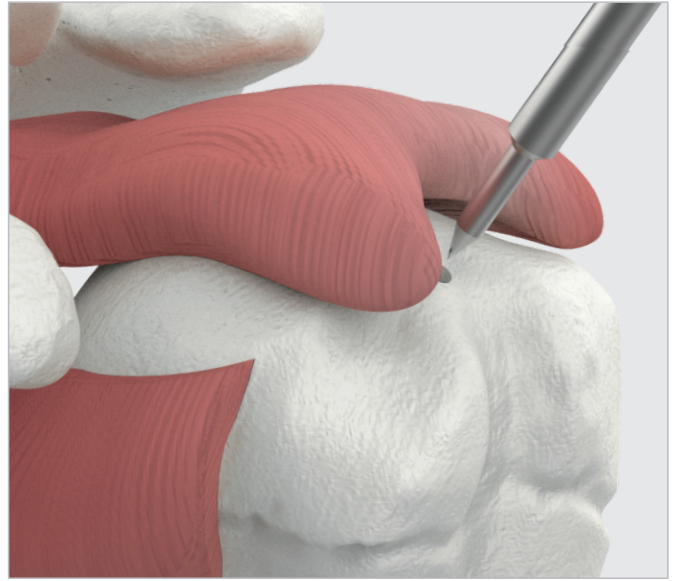
AUXILOCK® PEEK Screw-In Suture anchor is a fully threaded suture anchor featuring dual threads to maximize cortical and cancellous fixation. The anchor is available in PEEK OPTIMA and PEEK CF material. It is available in diameter of 4.5, 5.5 and 6.5mm with double and triple loaded options. It is also available with various BioBraid and suture tape configurations. It has a flat tip to protect the sutures and to facilitate the insertion. The anchor is particularly suitable for repairing rotator cuff and associated pathologies. The anchors are also available with needles which are ideal for mini-open procedures.

AUXILOCK® ROTADOR PEEK Screw-In Anchors are fully threaded knotless anchors available in 4.75, 5.5 and 6.25mm diameters with PEEK OPTIMA or PEEK CF anchor body and PEEK OPTIMA eyelet. These anchors are designed to be used with sutures or tapes for rotator cuff repair using the 'bridge' technique. Moreover, the 'knotless' technique consists of passing sutures or tapes of the medial row anchors through the tissue. They are finally inserted into the bone socket once they're loaded through the Rotador anchor eyelet. This technique eliminates possible complications caused by knots compared to other conventional anchors. The eyelet of the anchor accommodates up to 6 sutures and 2 tapes at a time.



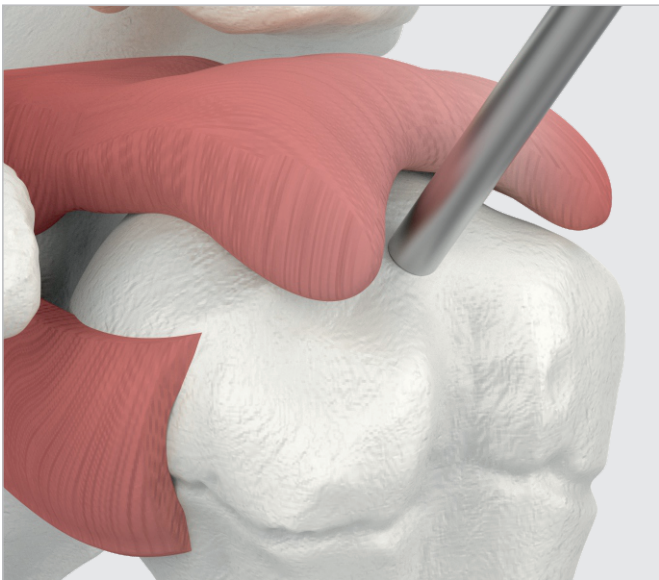
The rotator cuff footprint is prepared using the Rasp or Shaver, taking care not to completely decorticate bone.

With tissue grasper, reduce cuff to lateral aspect of tuberosity to determine medial-to-lateral mobility of defect.

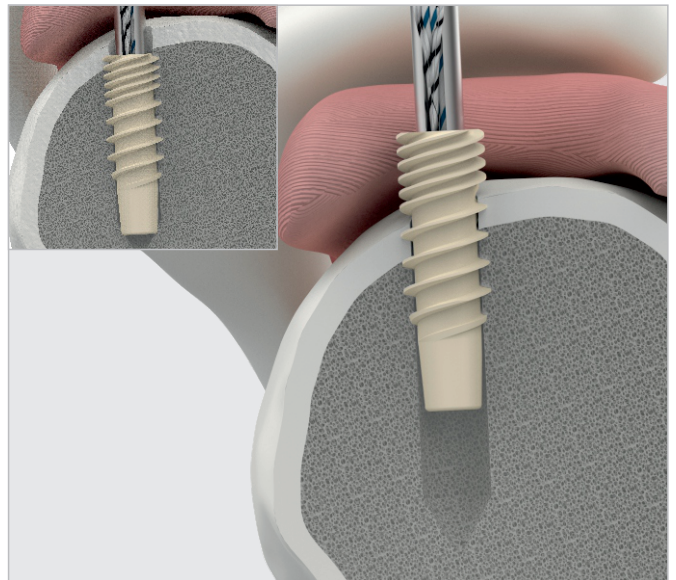


Place Awl for 4.5/5.5mm PEEK Screw-In Anchor at a 45° on desired anchor location in the superior humerus just lateral to the humeral cartilage.

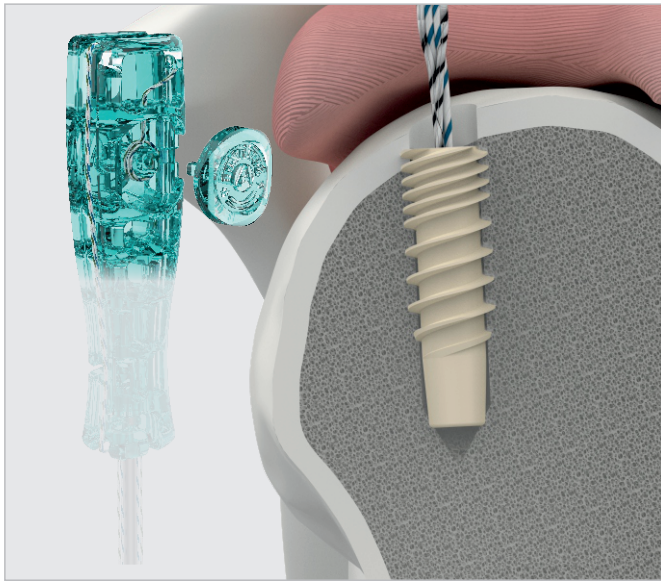
(Note: For semi hard or hard bone, use Awl/Tap or Tap to make a hole for the anchor).



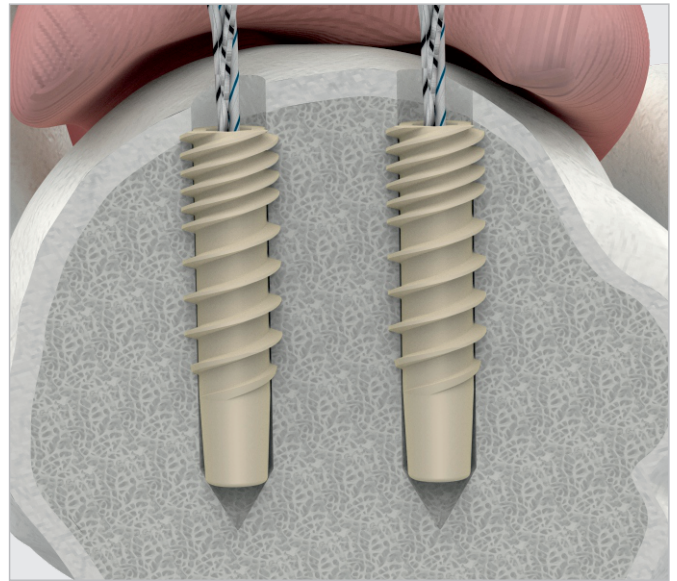
Advance the Awl to appropriate depth and create a hole for anchor.



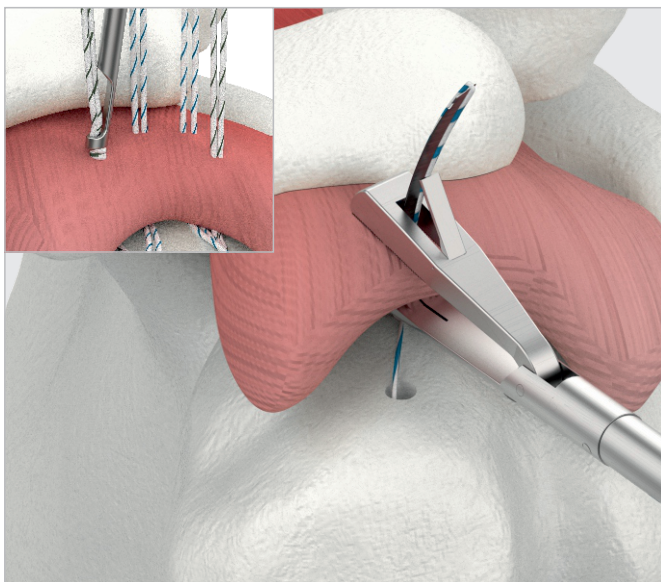
Remove awl and insert PEEK Screw-in Suture anchor into hole and screw-in the anchor in clockwise direction. Continue to advance anchor until the back of the anchor is 1-3mm below the surface of the bone as indicated by the distal end of the laser mark on the driver shaft.



Once the anchor is fully seated into the bone, pull the round cap on the side of the handle. Then remove driver by twisting or pulling it. Confirm anchor is fully seated by direct

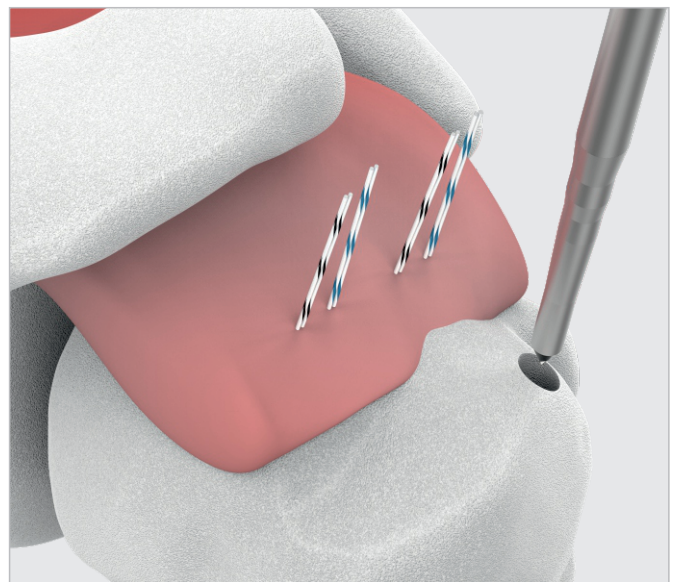


visualization. Repeat previous steps and insert the second PEEK Screw in Suture anchor.

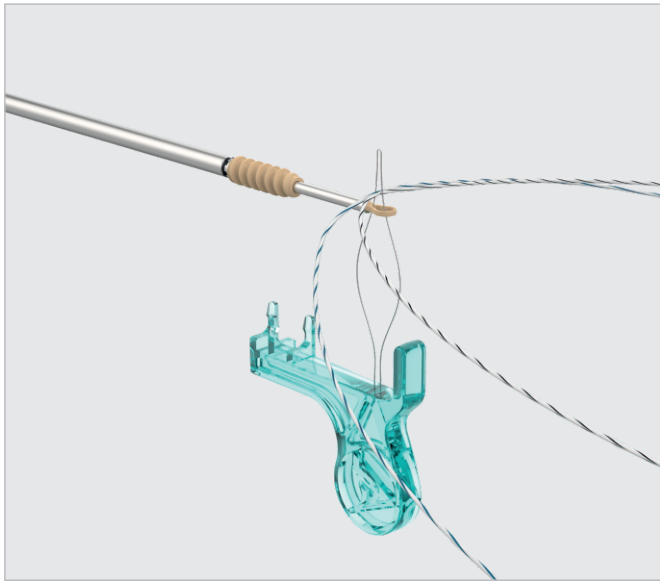


Beginning anteriorly, pass sutures through torn cuff tissue using Escorpion suture passer or surgeon's preferred method.

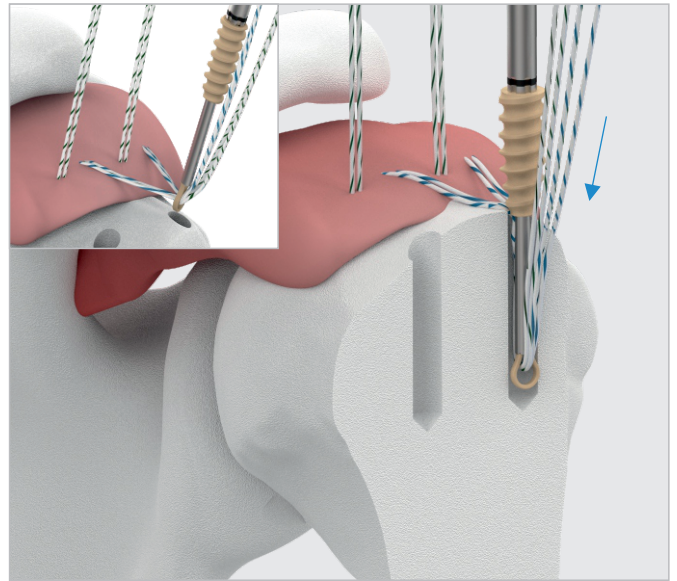
Beginning Posteriorly, secure torn tissue using standard arthroscopic knot tying techniques.



For lateral row fixation, identify the anchor site and create a pilot hole using 4.1mm Awl. Repeat this step for each additional anchor.

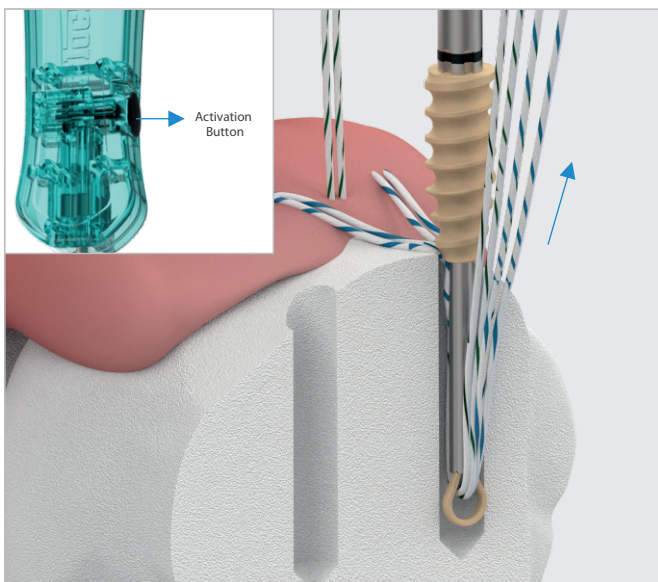


Retrieve each coloured suture coming from each medial row anchor and load them into the eyelet of the ROTADOR Screw-In Anchor using suture passer.



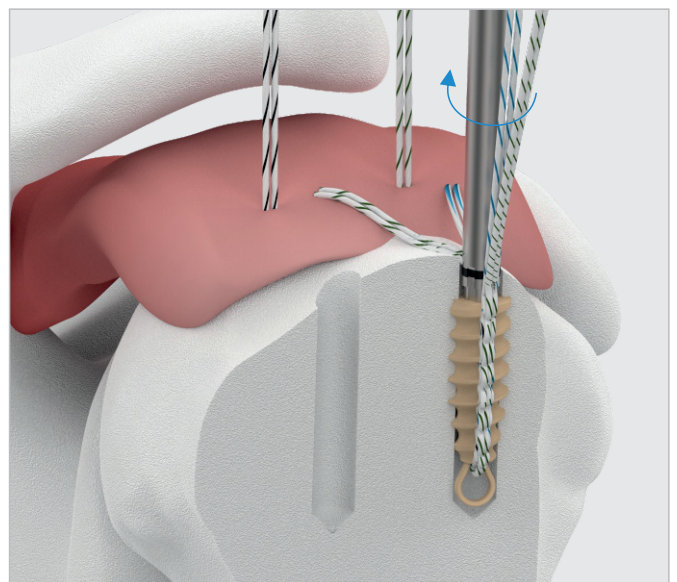
Apply slight tension on the suture tails and advance the ROTADOR anchor into the joint.

Put the eyelet of the anchor into the pilot hole. Tape the anchor into hole using a hammer until the distal end of anchor body touches the bone. (Note- Advance the anchor in the same direction as the pilot hole was created. Keep slight tension on the sutures while inserting the eyelet into the pilot hole.)

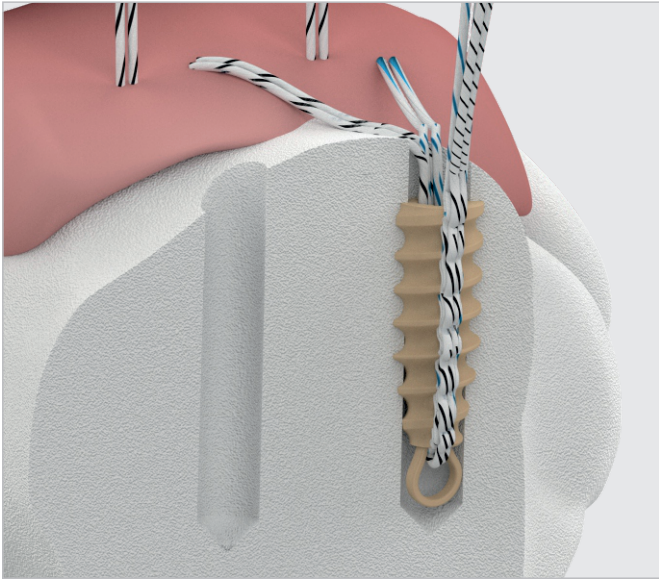


Pull each suture tail individually in-line with the handle to achieve additional tension.

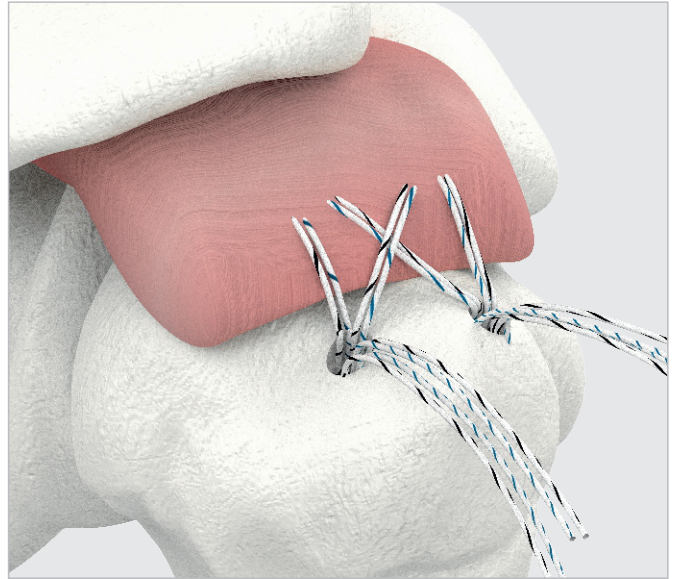
Once desired tension is achieved, press the activation button while maintaining downward pressure to release the inner shaft.



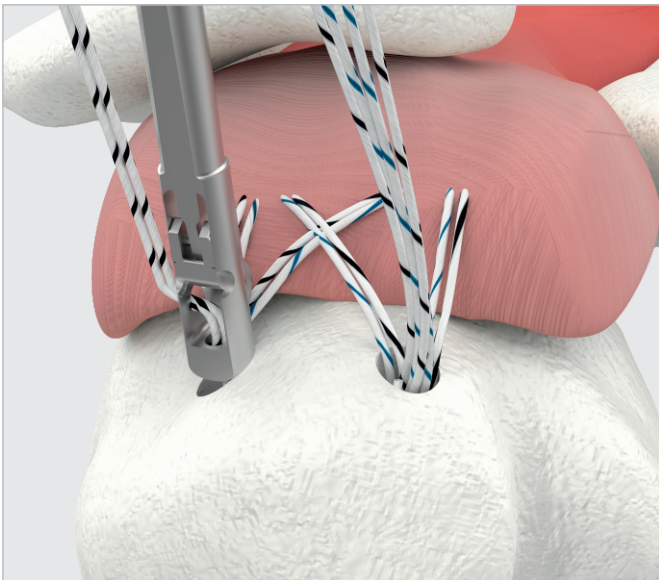
For lateral row fixation, identify the anchor site and create a pilot hole using 4.1 mm Awl. Repeat this step for each additional anchor.



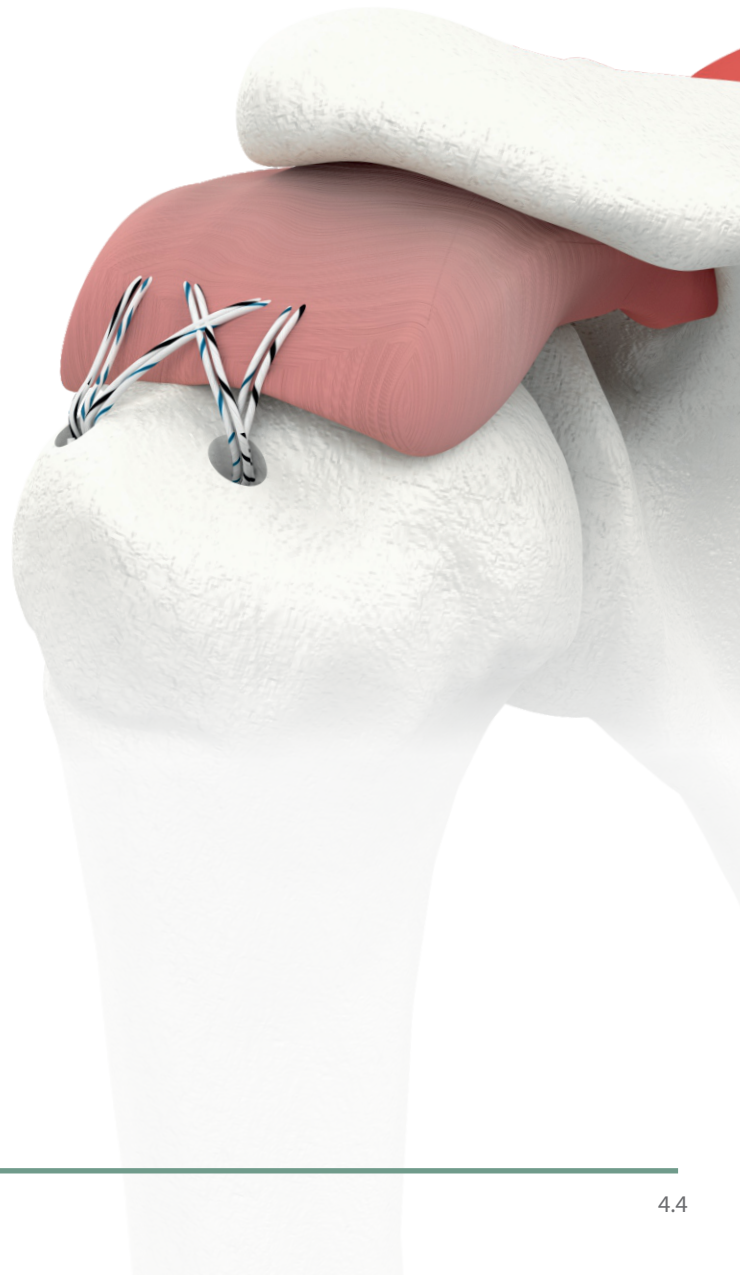
Once the anchor is fixed into the bone, pull the handle back to remove it and release the eyelet



Retrieve remaining sutures coming from each medial row anchor and load it into the eyelet of the second ROTADOR Screw-In Anchor and repeat these steps to complete the fixation.




















Cut off the excess suture using the suture cutter.




















ORDERING INFORMATION

PEEK OPTIMA Screw-In Suture Anchor

Code	Product Description	Suture/Tape Colour	Needle
6-016-05	AUXILOCK® 4.5mm PEEK OPTIMA Screw-In Suture Anchor With Two #2 BioBraid: White/Blue & White/Black		
6-016-07	AUXILOCK® 5.5mm PEEK OPTIMA Screw-In Suture Anchor With Two #2 BioBraid: White/Blue & White/Black		
6-016-08	AUXILOCK® 6.5mm PEEK OPTIMA Screw-In Suture Anchor With Two #2 BioBraid: White/Blue & White/Black		
6-016-13	AUXILOCK® 4.5mm PEEK OPTIMA Screw-In Suture Anchor With Three #2 BioBraid: White, White/Blue & White/Black		
6-016-14	AUXILOCK® 5.5mm PEEK OPTIMA Screw-In Suture Anchor With Three #2 BioBraid: White, White/Blue & White/Black		
6-016-15	AUXILOCK® 4.5mm PEEK OPTIMA Screw-In Suture Anchor With One #2 BioBraid and One 1.4mm Suture Tape: White/Blue & White/Black		
6-016-16	AUXILOCK® 5.5mm PEEK OPTIMA Screw-In Suture Anchor With One #2 BioBraid and One 1.4mm Suture Tape: White/Blue & White/Black		
6-016-17	AUXILOCK® 6.5mm PEEK OPTIMA Screw-In Suture Anchor With One #2 BioBraid and One 1.4mm Suture Tape: White/Blue & White/Black		
6-016-18	AUXILOCK® 4.5mm PEEK OPTIMA Screw-In Suture Anchor With Two 1.4mm Suture Tape: White/Blue & White/Black		
6-016-19	AUXILOCK® 5.5mm PEEK OPTIMA Screw-In Suture Anchor With Two 1.4mm Suture Tape: White/Blue & White/Black		
6-016-20	AUXILOCK® 6.5mm PEEK OPTIMA Screw-In Suture Anchor With Two 1.4mm Suture Tape: White/Blue & White/Black		
6-016-01	AUXILOCK® 4.5mm PEEK OPTIMA Screw-In Suture Anchor With Two #2 BioBraid: White & White/Blue, With Needles: MO-6		
6-016-03	AUXILOCK® 5.5mm PEEK OPTIMA Screw-In Suture Anchor With Two #2 BioBraid: White & White/Blue, With Needles: MO-6		
6-016-04	AUXILOCK® 6.5mm PEEK OPTIMA Screw-In Suture Anchor With Two #2 BioBraid: White & White/Blue, With Needles: MO-6		

PEEK CF Screw-In Suture Anchor

Code	Product Description	Suture/Tape Colour
6-046-01	AUXILOCK® 4.5mm PEEK CF Screw-In Suture Anchor With Three #2 BioBraid: White, White/Blue & White/Black	
6-046-02	AUXILOCK® 4.5mm PEEK CF Screw-In Suture Anchor With Two #2 BioBraid: White/Blue & White/Black	
6-046-03	AUXILOCK® 5.5mm PEEK CF Screw-In Suture Anchor With Three #2 BioBraid: White, White/Blue & White/Black	
6-046-04	AUXILOCK® 5.5mm PEEK CF Screw-In Suture Anchor With Two #2 BioBraid: White/Blue & White/Black	
6-046-05	AUXILOCK® 6.5mm PEEK CF Screw-In Suture Anchor With Two #2 BioBraid: White/Blue & White/Black	
6-046-06	AUXILOCK® 4.5mm PEEK CF Screw-In Suture Anchor With One #2 BioBraid and One 1.4mm Suture Tape: White/Black & White/Blue	
6-046-07	AUXILOCK® 5.5mm PEEK CF Screw-In Suture Anchor With One #2 BioBraid and One 1.4mm Suture Tape: White/Black & White/Blue	

Code	Product Description	Suture/Tape Colour	Needle
6-046-08	AUXILOCK® 6.5mm PEEK CF Screw-In Suture Anchor With One #2 BioBraid and One 1.4mm Suture Tape: White/Black & White/Blue		
6-046-09	AUXILOCK® 4.5mm PEEK CF Screw-In Suture Anchor With Two 1.4mm Suture Tape: White/Blue & White/Black		
6-046-10	AUXILOCK® 5.5mm PEEK CF Screw-In Suture Anchor With Two 1.4mm Suture Tape: White/Blue & White/Black		
6-046-11	AUXILOCK® 6.5mm PEEK CF Screw-In Suture Anchor With Two 1.4mm Suture Tape: White/Blue & White/Black		
6-016-21	AUXILOCK® 4.5mm PEEK CF Screw-In Suture Anchor With Two #2 BioBraid: White & White/Blue, With Needles: MO-6		
6-016-22	AUXILOCK® 5.5mm PEEK CF Screw-In Suture Anchor With Two #2 BioBraid: White & White/Blue, With Needles: MO-6		
6-016-23	AUXILOCK® 6.5mm PEEK CF Screw-In Suture Anchor With Two #2 BioBraid: White & White/Blue, With Needles: MO-6		

Rotador Screw-in Anchor

Code	Product Description
6-020-04	AUXILOCK® Rotador 4.75mm x 15mm PEEK CF Screw-In Anchor
6-020-05	AUXILOCK® Rotador 5.5mm x 15mm PEEK CF Screw-In Anchor
6-020-06	AUXILOCK® Rotador 6.25mm x 15mm PEEK CF Screw-In Anchor
6-020-01	AUXILOCK® Rotador 4.75mm x 15mm PEEK OPTIMA Screw-In Anchor
6-020-02	AUXILOCK® Rotador 5.5mm x 15mm PEEK OPTIMA Screw-In Anchor
6-020-03	AUXILOCK® Rotador 6.25mm x 15mm PEEK OPTIMA Screw-In Anchor

RECOMMENDED INSTRUMENTATION

Code	Product Description	Bone Density	Compatible Implants
7-013-25	Awl For 4.5/5.5mm PEEK Screw-In Anchor	Soft Bone	6-046-01, 6-046-02, 6-046-03, 6-046-04, 6-046-06, 6-046-07, 6-046-09, 6-046-10, 6-046-21, 6-046-22
7-013-26	Awl For 6.5mm PEEK Screw-In Anchor		6-046-05, 6-046-08, 6-046-11, 6-046-23
7-013-27	Awl/ Tap For 4.5/5.5mm PEEK Screw-In Anchor	Normal Bone	6-046-01, 6-046-02, 6-046-03, 6-046-04, 6-046-06, 6-046-07, 6-046-09, 6-046-10, 6-046-21, 6-046-22
7-013-28	Awl/ Tap For 6.5mm PEEK Screw-In Anchor		6-046-05, 6-046-08, 6-046-11, 6-046-23
7-013-29	Tap For 4.5/5.5mm PEEK Screw-In Anchor	Hard Bone	6-046-01, 6-046-02, 6-046-03, 6-046-04, 6-046-06, 6-046-07, 6-046-09, 6-046-10, 6-046-21, 6-046-22
7-013-30	Tap For 6.5mm PEEK Screw-In Anchor		6-046-05, 6-046-08, 6-046-11, 6-046-23

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