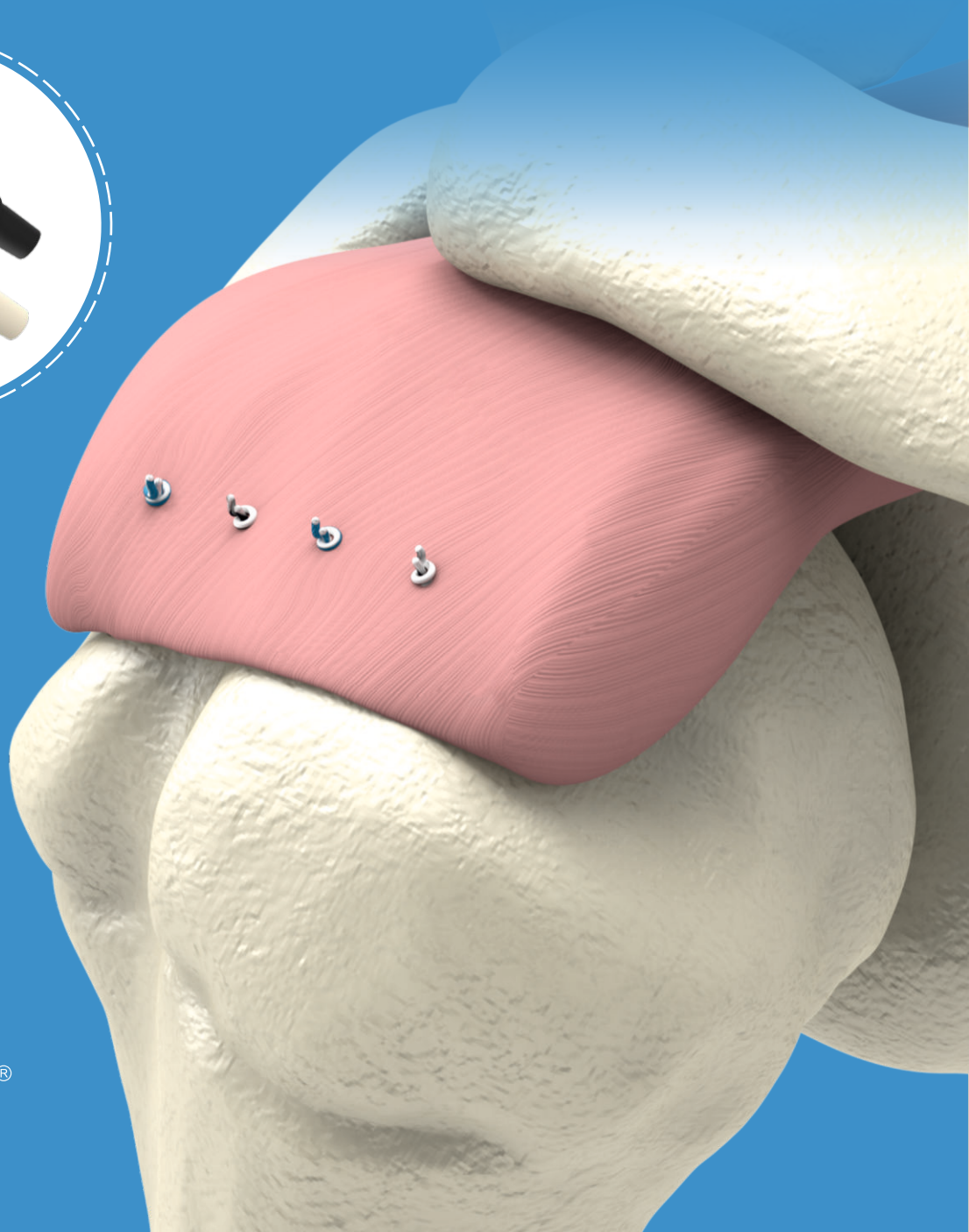


Surgical Technique

Single Row Rotator Cuff Repair
using PEEK Screw-in Suture Anchor



About us

Auxein Medical is an integrated, research based, orthopaedic Implants & instruments manufacturing company, producing a wide range of quality, affordable generic implants, trusted by healthcare professionals and patients across geographies. It is the Company's constant endeavor to provide a wide basket of generic and our innovator products that exceed the highest expectations of customers in term of quality and safety. The company has world-class manufacturing unit established in india and serves customers in over 80 countries worldwide.

Achievements

- US FDA 510K Cleared (Arthroscopy | Spine | Nailing | Locking Plates | Screws)
- EC Certificate - Class IIa & IIb
- MDSAP Certificate
- ISO 13485:2016
- ISO 9001:2015
- India FDA Approved
- India MDR 2017



80+
Countries
Covered



150+
Distributors
Network



1200+
Implants
Range



20M+
Patients
Treated



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Auxein Medical does not practice medicine. This technique was developed in conjunction with health care professionals. This document is intended for surgeons and is not intended for laypersons. Animations and virtual reality are provided as a visual guide based on surgical techniques; a written copy of the surgical technique is available at www.auxein.com or from your local representative. Each surgeon should exercise his or her own independent judgment in the diagnosis and treatment of an individual patient, and this information does not purport to replace the comprehensive training surgeons have received. As with all surgical procedures, the technique used in each case will depend on the surgeon's medical judgment as the best treatment for each patient. Results will vary based on health, weight, activity and other variables. Not all patients are candidates for this product and/or procedure.

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PEEK OPTIMA Screw-in Suture 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.

INDICATION

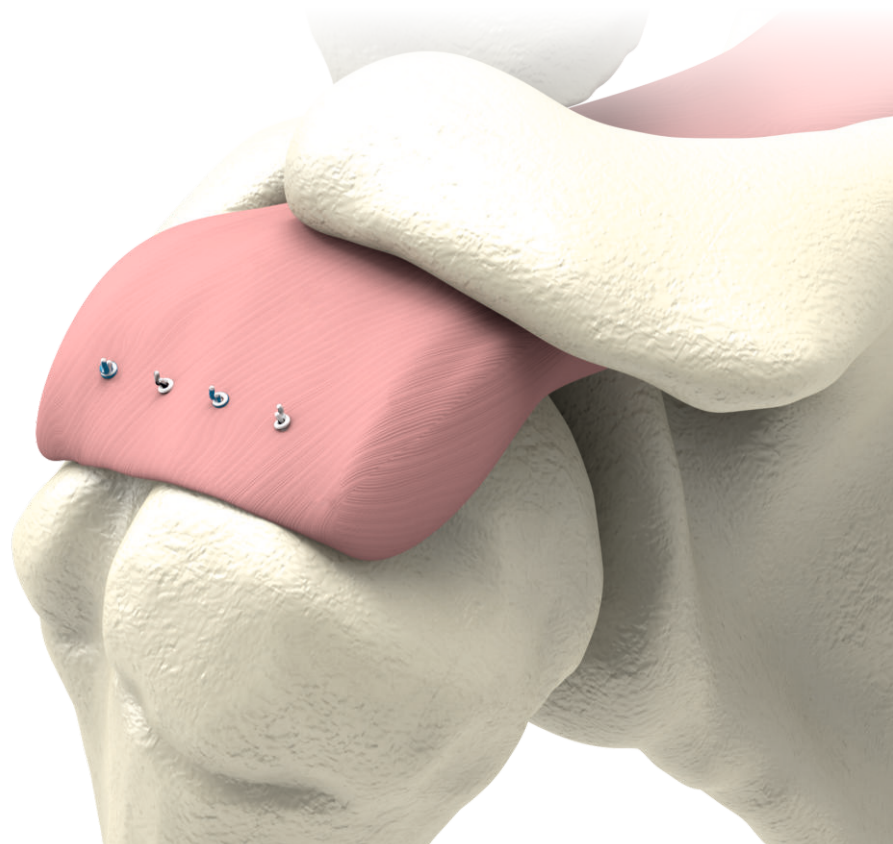
Shoulder: Bankart Lesion Repair, SLAP Lesion Repair, Acromio-Clavicular Separation Repair, Capsular Shift or Capsulolabral Reconstruction, Deltoid Repair, Rotator Cuff Repair, Biceps Tenodesis.

Foot & Ankle: Medial/lateral Repair and Reconstruction, Midfoot Reconstruction, Hallux Valgus Reconstruction, Metatarsal Ligament Repair, Achilles Tendon Repair.

Elbow: Ulnar or Radial Collateral Ligament Reconstruction, Lateral Epicondylitis Repair, Biceps Tendon Reattachment.

Knee: Medial Collateral Ligament Repair, Lateral Collateral Ligament Repair, Posterior Oblique Ligament Repair, Extra Capsular Reconstruction, Iliotibial Band Tenodesis, Patellar Ligament and Tendon Avulsion Repair.

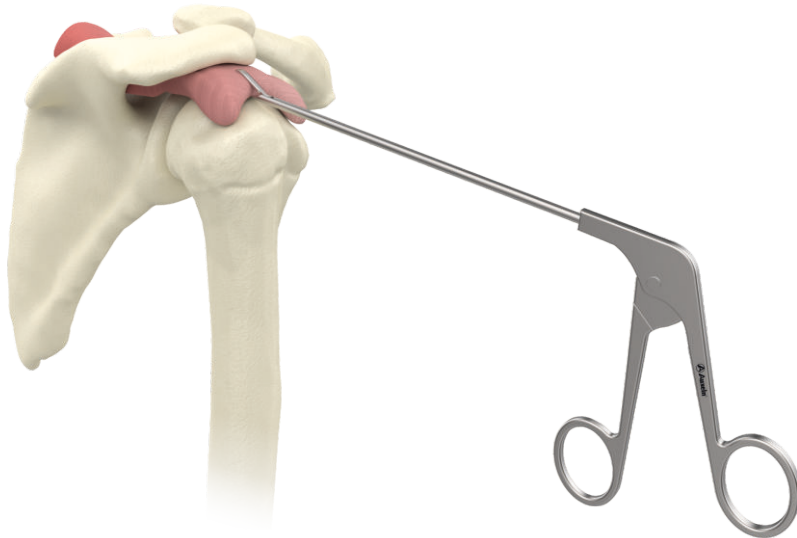
Hand & Wrist: Scapholunate Ligament Reconstruction, Ulnar or Radial Collateral Ligament Reconstruction, TFCC.



SURGICAL TECHNIQUE

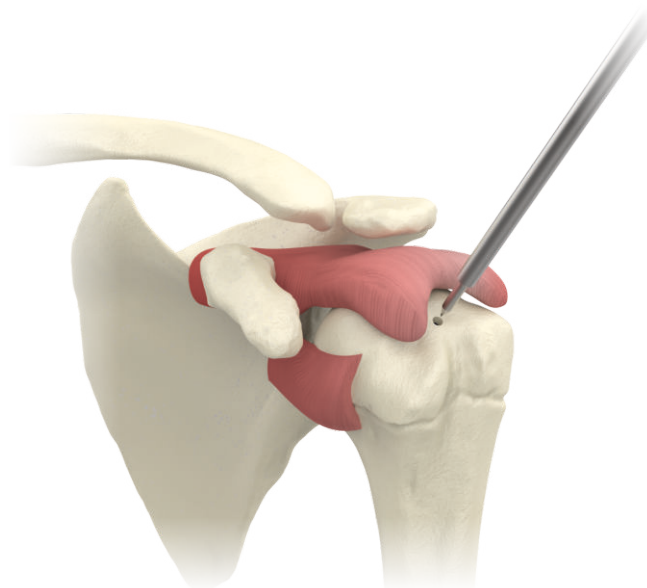
The rotator cuff footprint is prepared using the Rasp or Shaver, taking care not to completely decorticate bone.

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

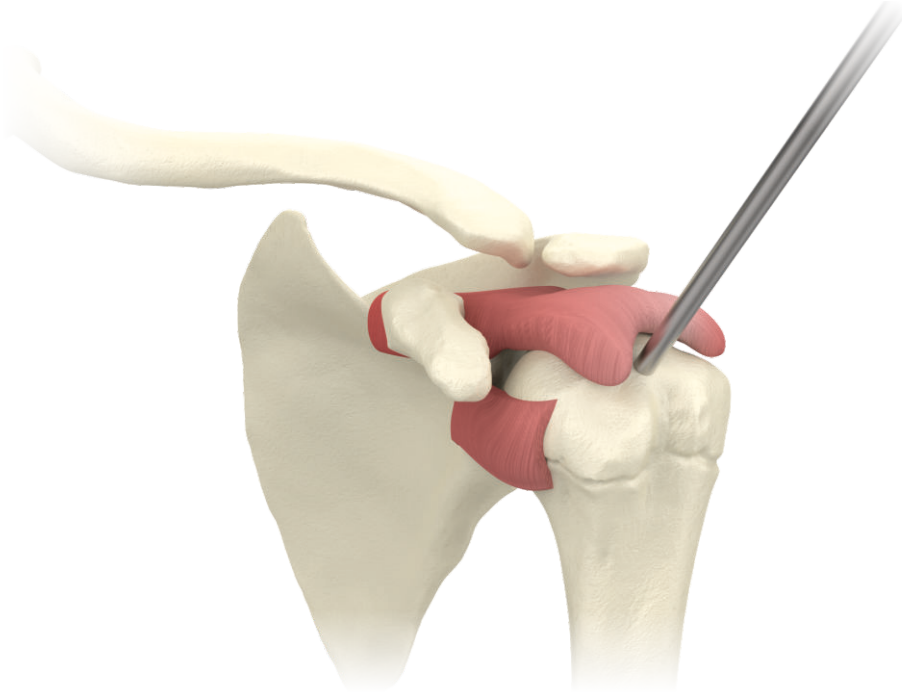


Place Awl for 4.5/5.5mm PEEK Screw-In Anchor at a 45° on desired anchor location in the superior humerus just lateral to the humeral cartilage.

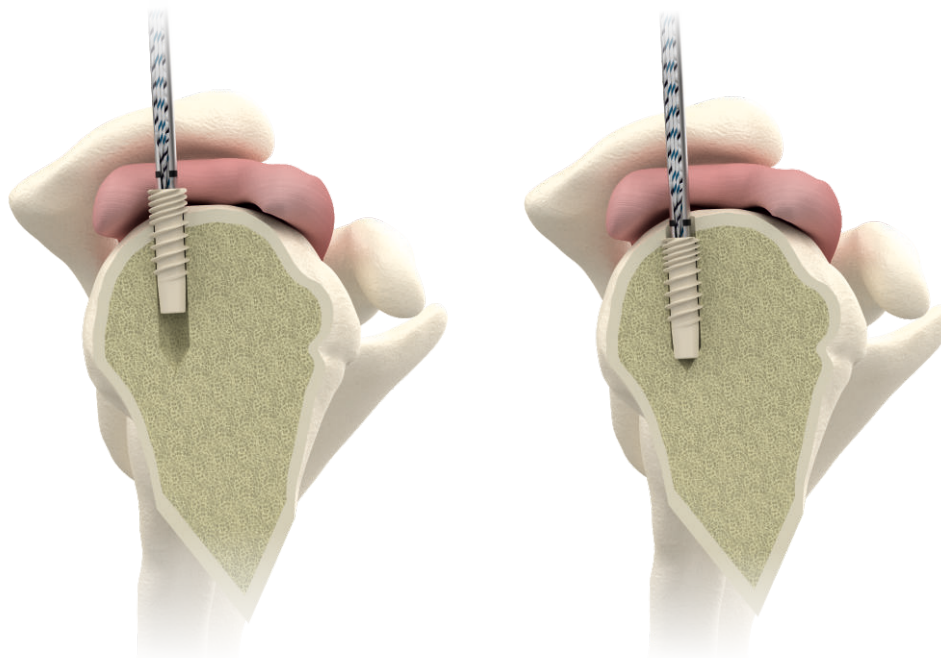
(Note: For semi hard or hard bone, use Awl/Tap or Tap to make a hole for the anchor)



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



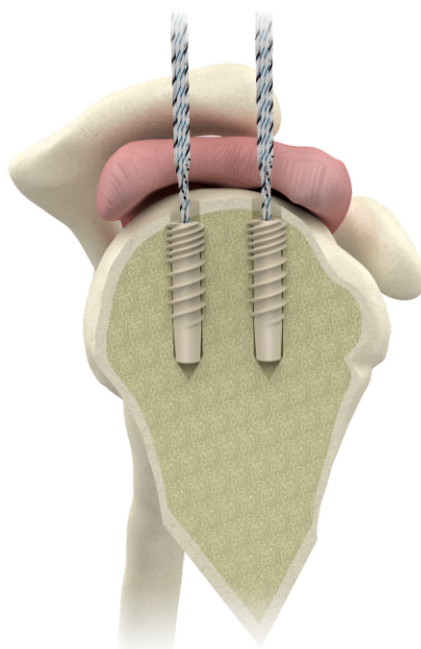
Remove awl and insert PEEK Screw-in Suture anchor into hole and screw-in the anchor in clockwise direction. Continue to advance anchor until the back of the anchor is 1-3mm below the surface of the bone as indicated by the distal end of the laser mark on the driver shaft.



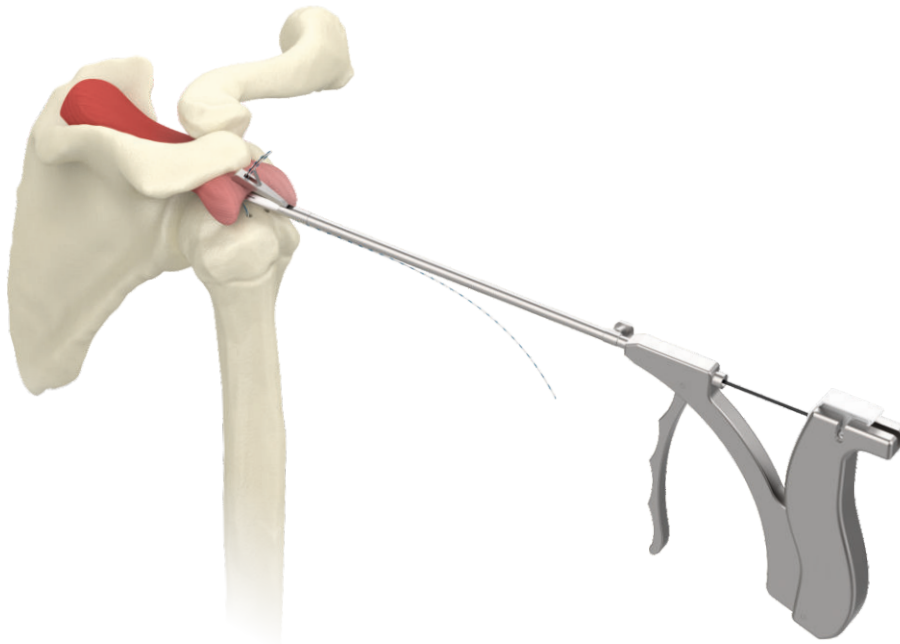
Once the anchor is fully seated into the bone, pull the round cap on the side of the handle. Then remove driver by twisting or pulling it. Confirm anchor is fully seated by direct visualization.



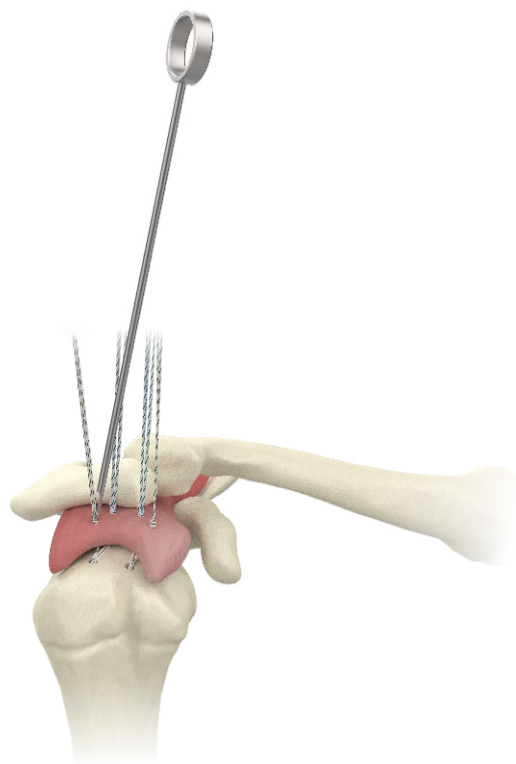
Repeat previous steps and insert the second PEEK Screw-in Suture anchor.



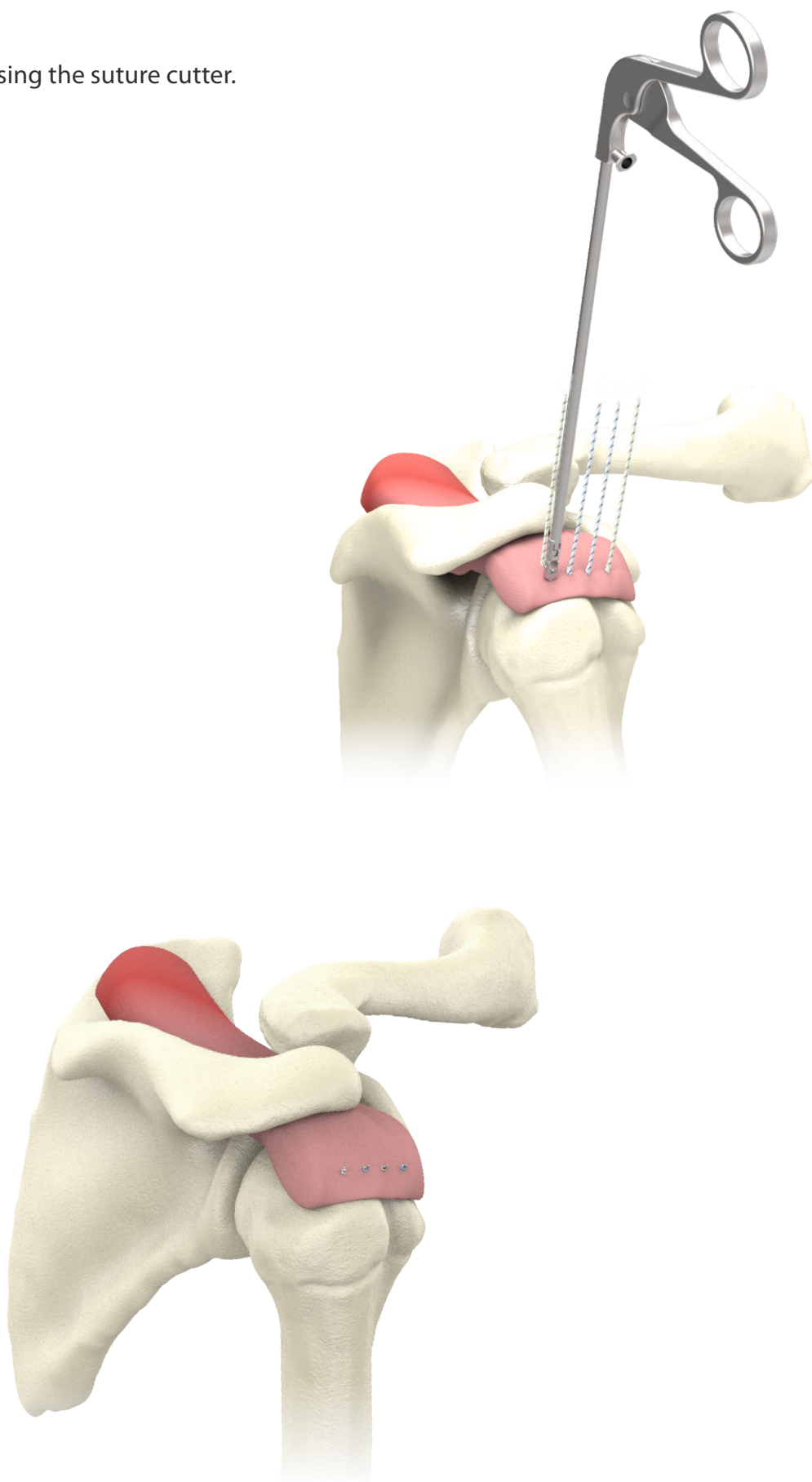
Beginning anteriorly, pass sutures through torn cuff tissue using Escorpion suture passer or surgeon's preferred method.



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



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
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 One #2 BioBraid and One 1.4mm Suture Tape: White/Black & White/Blue	

RECOMMENDED INSTRUMENTATION

7-013-33 Switching Stick



7-013-34 Arthroscopic Probe - Shoulder



7-013-35 Tissue Elevator, Up



7-013-36 Tissue Elevator, Down



7-013-37

Rasp, Up



7-013-38

Rasp, Down



7-013-39

Ring Curette



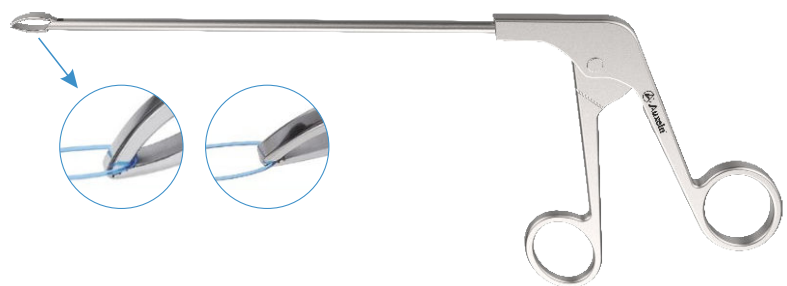
7-013-40

Knot Pusher



7-013-41

Suture Retriever



7-013-42 Tissue Grasper



7-013-43 Suture Cutter/Knot Pusher With Lock, Ø4.2mm, V-Knotch, Left Opened



7-013-44 Hammer



7-013-25 Awl For 4.5/5.5mm PEEK Screw-In Anchor



7-013-25 Awl For 6.5mm PEEK Screw-In Anchor



7-013-26 Awl/ Tap For 4.5/5.5mm PEEK Screw-In Anchor



7-013-27 Awl/ Tap For 6.5mm PEEK Screw-In Anchor



7-013-28 Tap For 4.5/5.5mm PEEK Screw-In Anchor



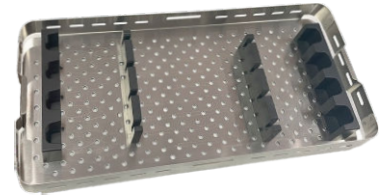
7-013-29 Tap For 6.5mm PEEK Screw-In Anchor



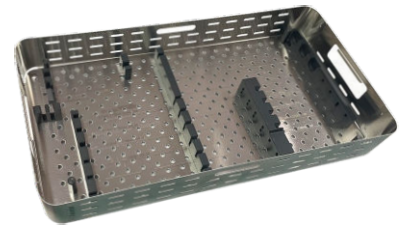
7-013-30



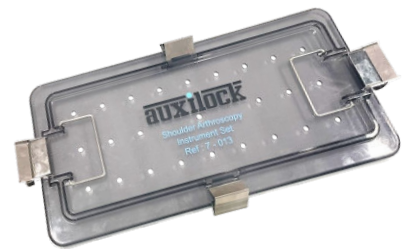
7-013-45 Tray For Shoulder Arthroscopy Instruments Set



7-013-46 Container For Shoulder Arthroscopy Instrument Set

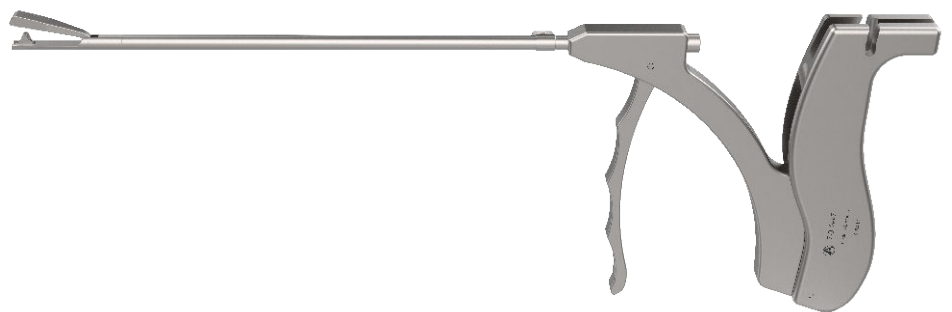


7-013-52 Lid For Container Shoulder Arthroscopy Instrument Set



OPTIONAL INSTRUMENTS

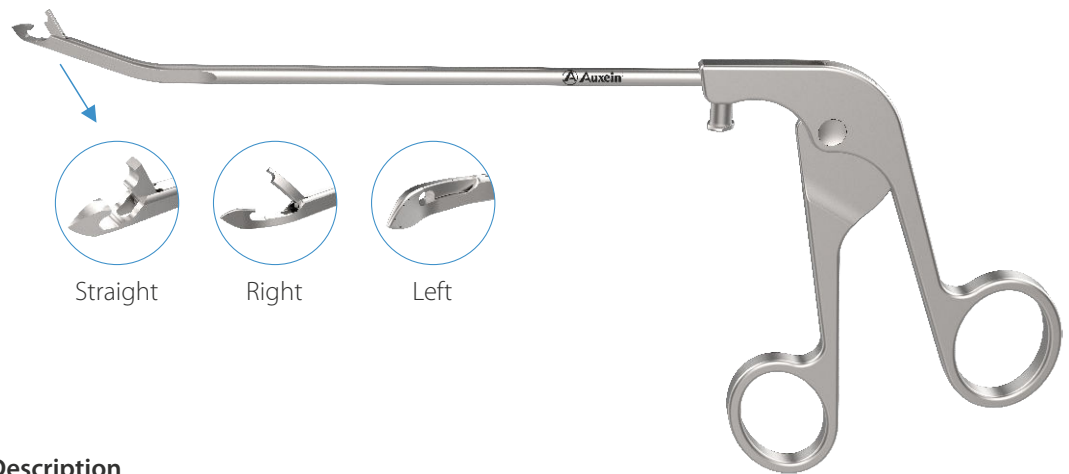
7-013-47 ESCORPIAN Suture Passer



7-013-48 Needle With Lateral Opening For ESCORPIAN Suture Passer



Smart Hook



Code	Product Description
7-013-49	Smart Hook Suture passer, Straight
7-013-50	Smart Hook Suture passer, Right
7-013-51	Smart Hook Suture passer, Left



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