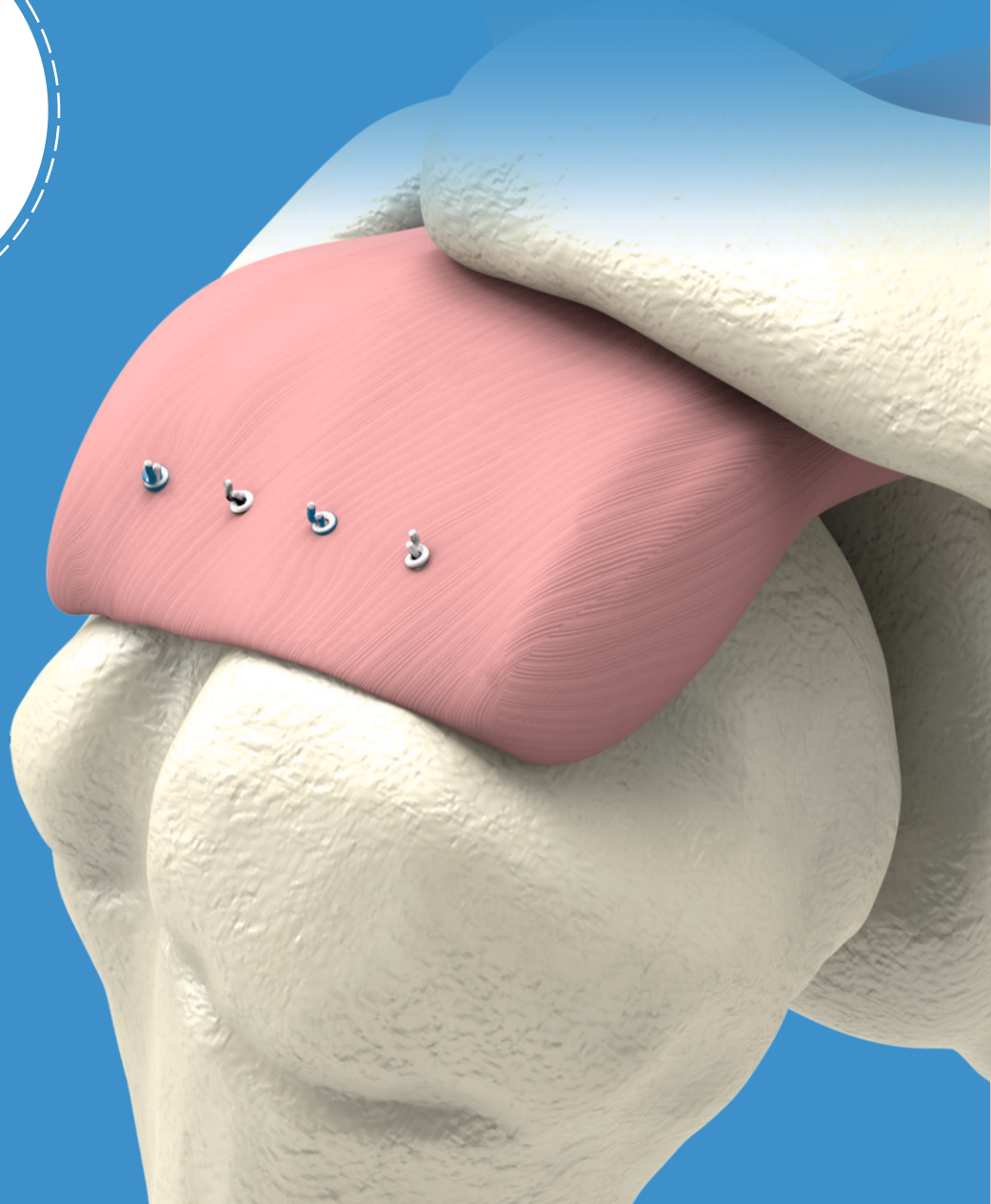
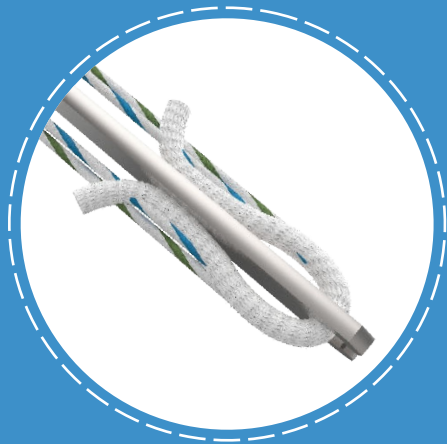


Surgical Technique

Single Row Rotator Cuff Repair using
2.9mm AuxSuture 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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For indications, contraindications, warnings, precautions, potential adverse effects and patient counselling information, see the package insert or contact your local representative; visit www.auxein.com for additional product information.

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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PRODUCT OVERVIEW



AUXILOCK[®] AuxSuture Anchor provides numerous advantages over traditional anchors. The strong fixation, less bone removal and a push in technique provide higher efficiency in rotator cuff repair procedures. AuxSuture anchor is available in diameter of 2.9mm. The self punching design of anchor driver does not require to create a hole. (Use 2.9mm Awl in case of hard bone) The small 2.9mm footprint of AuxSuture anchor provides placement and fixation advantages when bone real estate is limited, especially during revision surgeries. AuxSuture Anchor is available in double and triple loaded options with various combination of BioBraid and suture tapes.

INDICATION

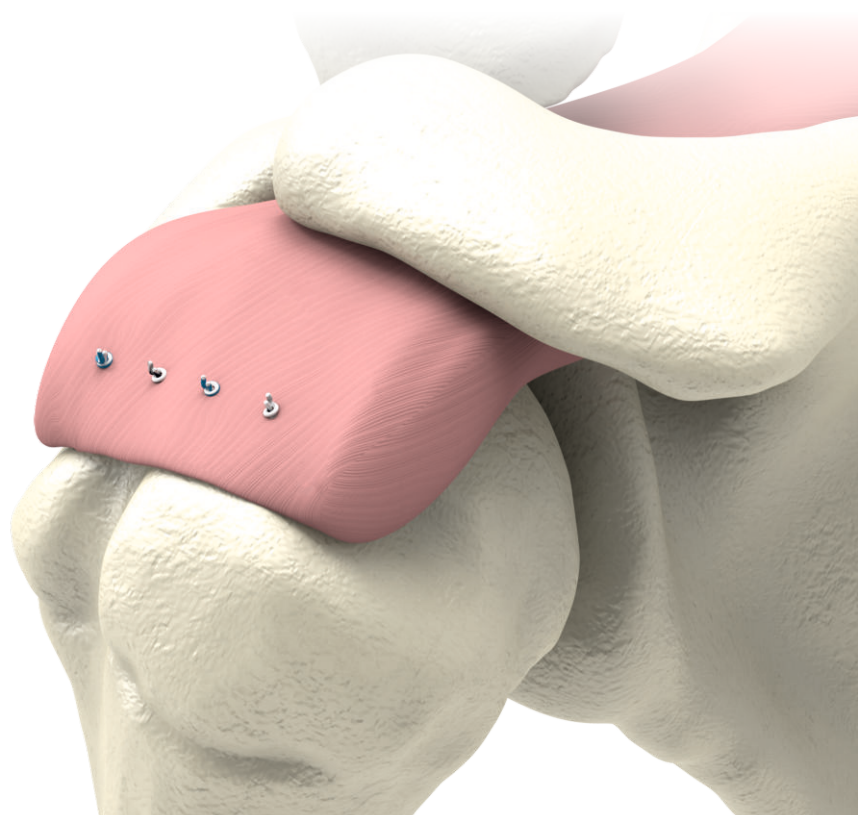
Shoulder: Bankart Lesion Repair, SLAP Lesion Repair, Acromio-Clavicular Separation Repair, Capsular Shift or Capsulolabral Reconstruction, Deltoid Repair, Rotator Cuff Repair, Biceps Tenodesis.

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 Obliqu Ligament Repair, Extra Capsular Reconstruction, Iliotibial Band Tenodesis, Patellar Ligament and Tendon Avulsion Repair.

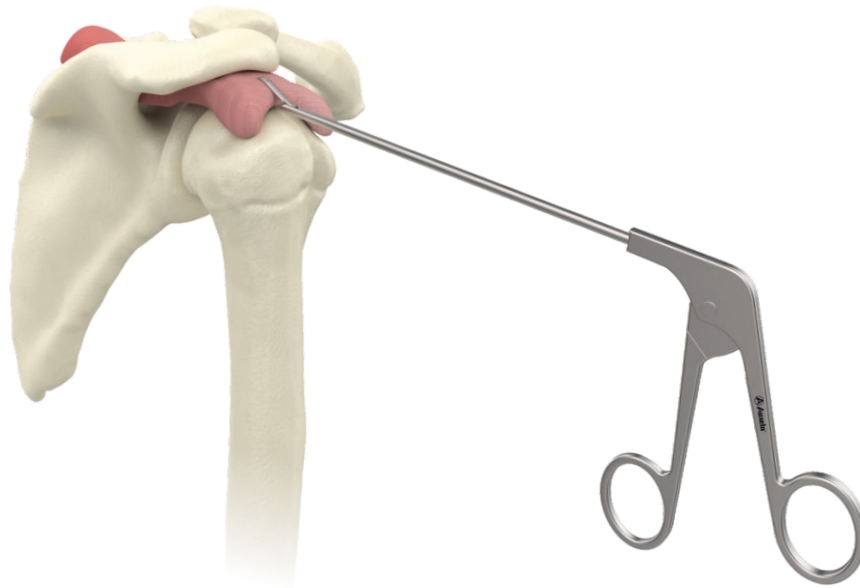
Hand & Wrist: Scapholunate Ligament Reconstruction, Ulnar or Radial Collateral Ligament Reconstruction, TFCC.



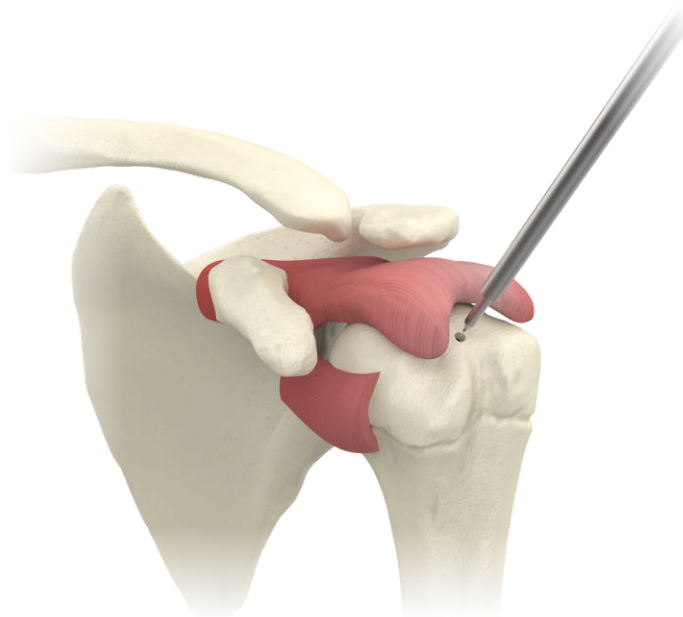
SURGICAL TECHNIQUE

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

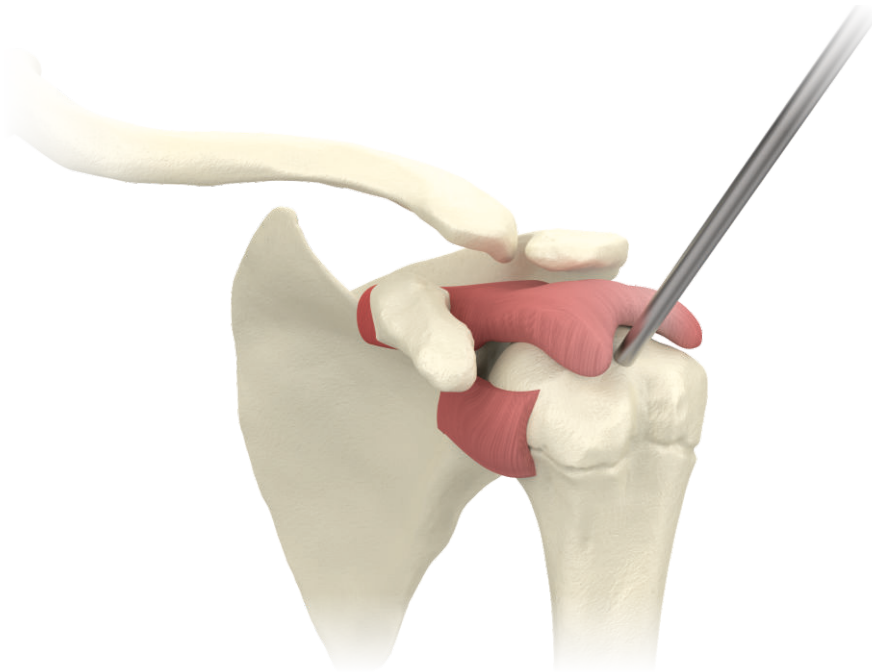
With tissue grasper, reduce cuff to lateral aspect of tuberosity to determine medial-to-lateral mobility of defect.



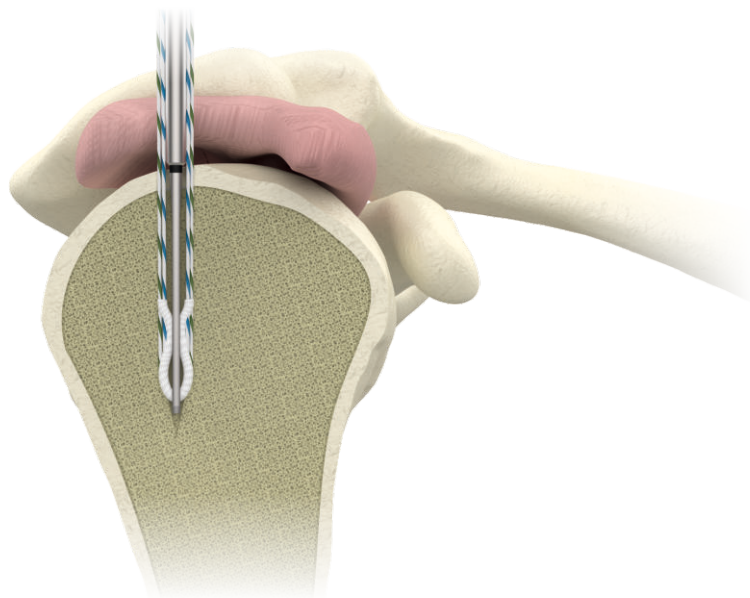
Place 2.9mm awl at a 45° on desired anchor location in the superior humerus just lateral to the humeral cartilage.



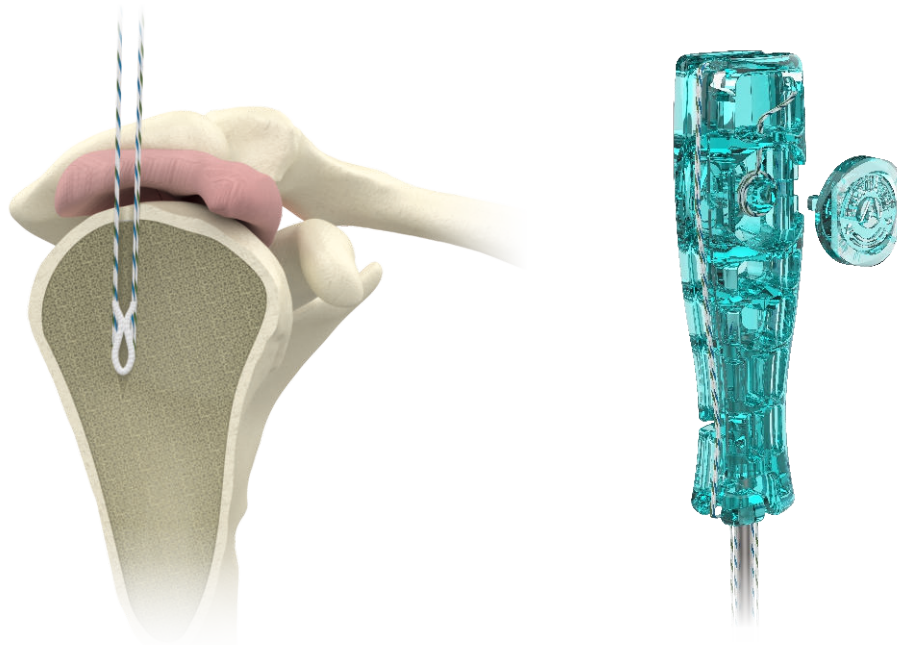
Advance the Awl to appropriate depth and create a hole for anchor.



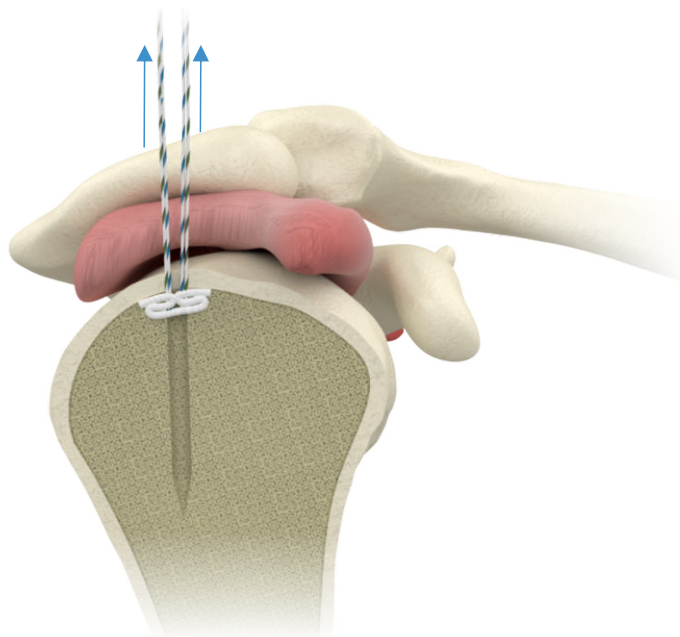
Remove awl and insert 2.9mm AuxSuture Anchor into hole and tap-in the anchor using hammer. Continue to advance anchor until the laser mark on the driver shaft touched the bone.



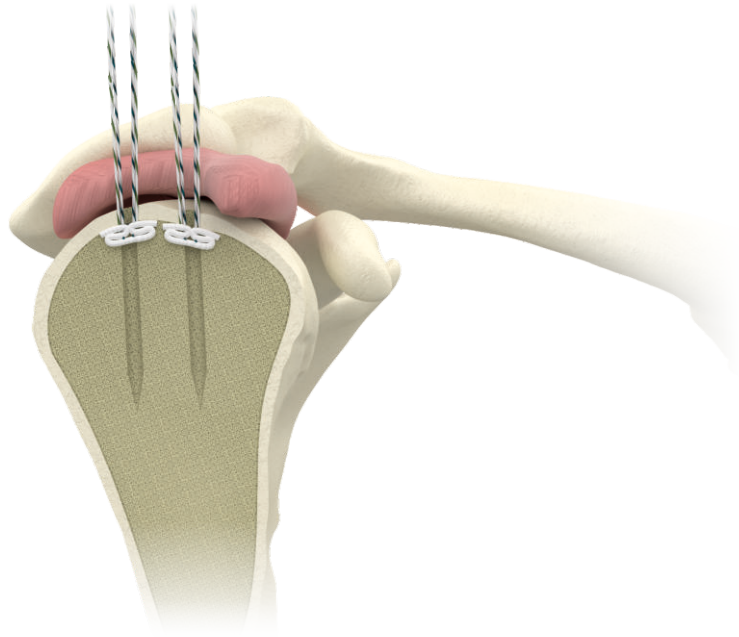
Once the anchor is fully inserted into the bone, pull the round cap on the side of the handle. Then remove driver by twisting or pulling it.



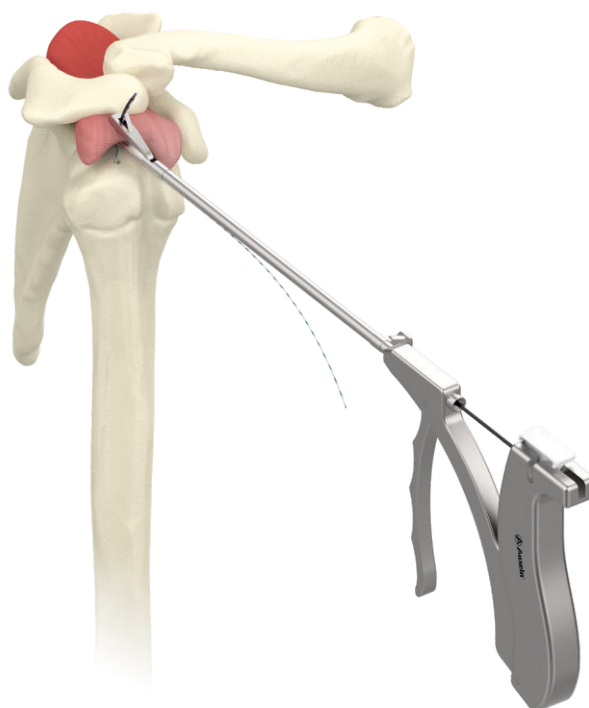
Pull all the sutures together to deploy the anchor underneath the cortex of the bone. Pull the same coloured sutures to confirm the fixation.



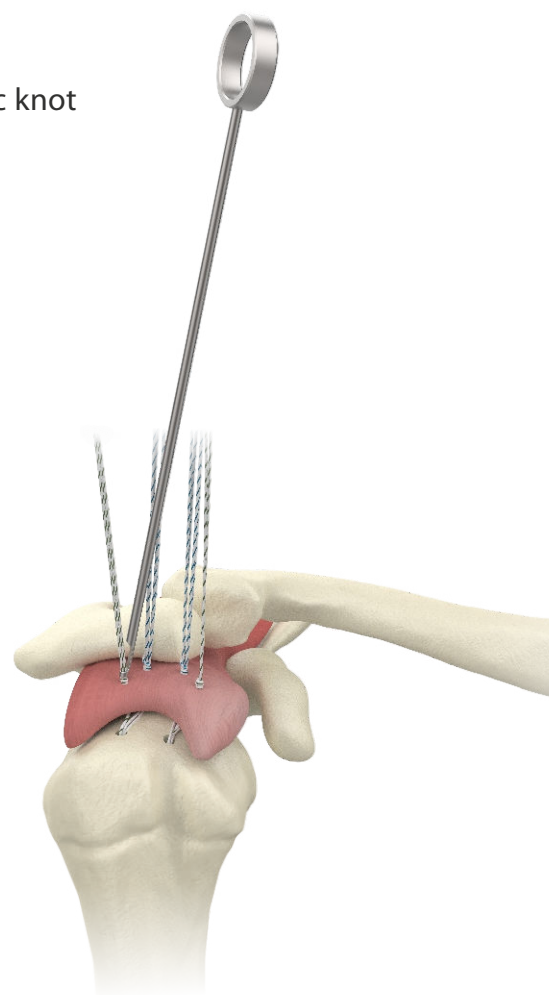
Repeat previous steps and insert the second 2.9mm AuxSuture Anchor.



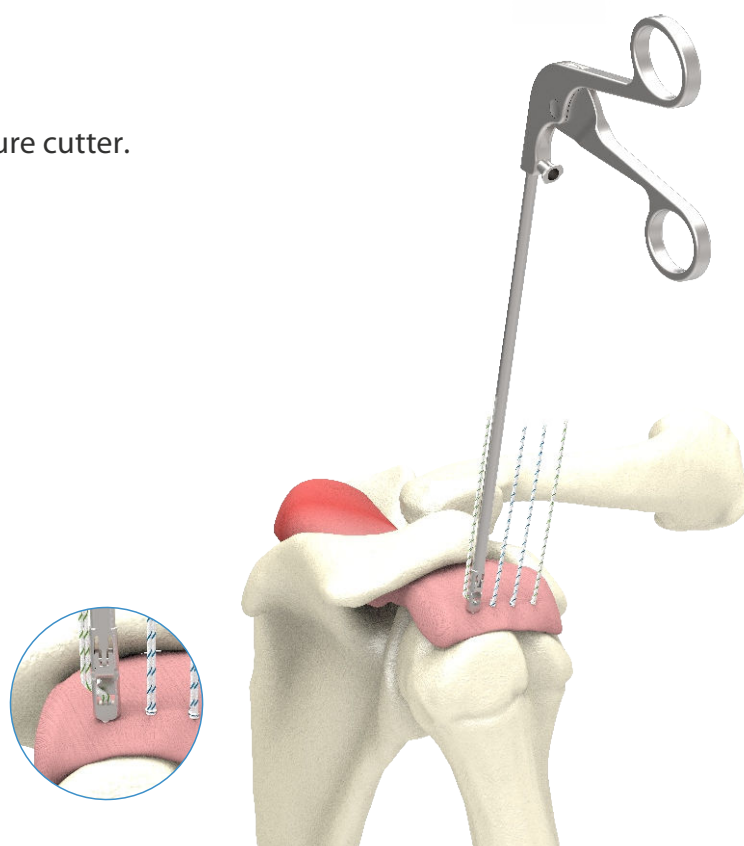
Beginning anteriorly, pass sutures through torn cuff tissue using Escorpion suture passer or surgeon's preferred method.

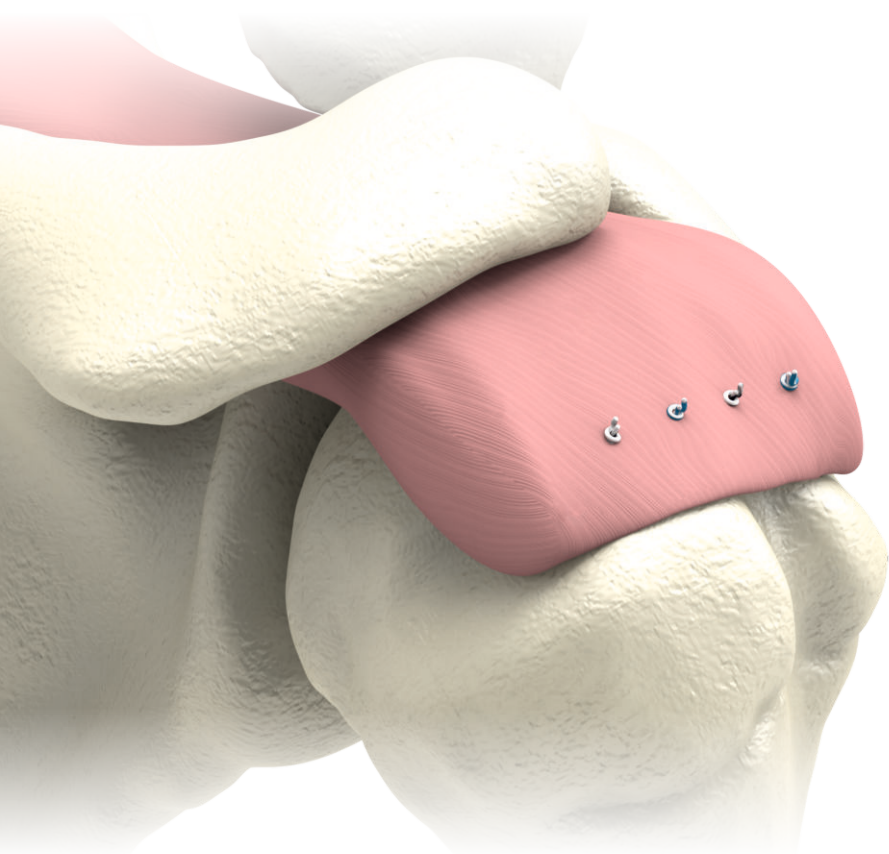


Beginning Posteriorly, secure torn tissue using standard arthroscopic knot tying techniques.



Cut off the excess suture using the suture cutter.





ORDERING INFORMATION

Code	Product Description	Suture/Tape Colour	Needle
6-036-01	AUXILOCK [®] 2.9mm AuxSuture Anchor With Two #2 BioBraid: White/Blue & White/Green		
6-036-02	AUXILOCK [®] 2.9mm AuxSuture Anchor With Two #2 BioBraid: White/Blue & White/Green, With Needle: MO-6		
6-036-03	AUXILOCK [®] 2.9mm AuxSuture Anchor With Three #2 BioBraid: White, White/Blue & White/Green		
6-036-04	AUXILOCK [®] 2.9mm AuxSuture Anchor With One #2 BioBraid and One 1.4mm Suture Tape: White/Black & White/Blue		
6-036-05	AUXILOCK [®] 2.9mm AuxSuture Anchor With Two 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, Up



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



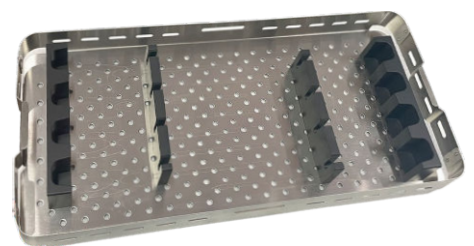
7-013-44 Hammer



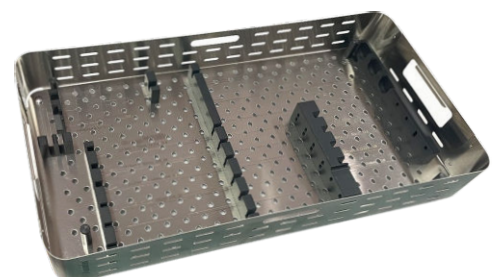
7-013-22 Ø2.9mm Awl



7-013-45 Tray For Shoulder Arthroscopy Instruments Set



7-013-46 Container For Shoulder Arthroscopy Instrument Set

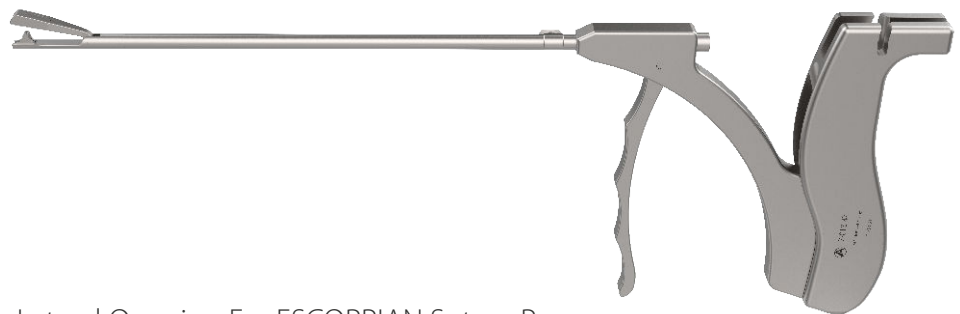


7-013-52 Lid For Container Shoulder Arthroscopy Instrument Set



OPTIONAL INSTRUMENTS

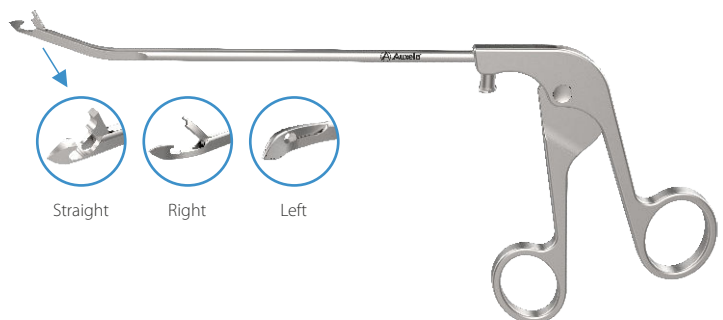
7-013-47 ESCORPIAN Suture Passer



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



USA

Auxein Inc.
1500 Nw 89th Court, Suite 107-108
Doral, Florida 33172
Tel: +1 305 395 6062
E Fax: +1 305 395 6262
Email: USoffice@auxein.com

MEXICO

Auxein México, S.A. de C.V.
Tepic 139 int 801, Colonia Roma Sur,
Alcaldía Cuauhtémoc, CDMX,
México, C.P. 06760
Tel: +521 55 7261 0318
Email: info@auxein.mx

INDIA

Auxein Medical Pvt. Ltd.
Plot No. 168-169-170, Phase-4,
Kundli Industrial Area,
HSIIDC, Sector-57, Sonapat - 131028, Haryana
Tel: +91 99106 43638 | Fax: +91 86077 70197
Email: info@auxein.com

www.auxein.com

