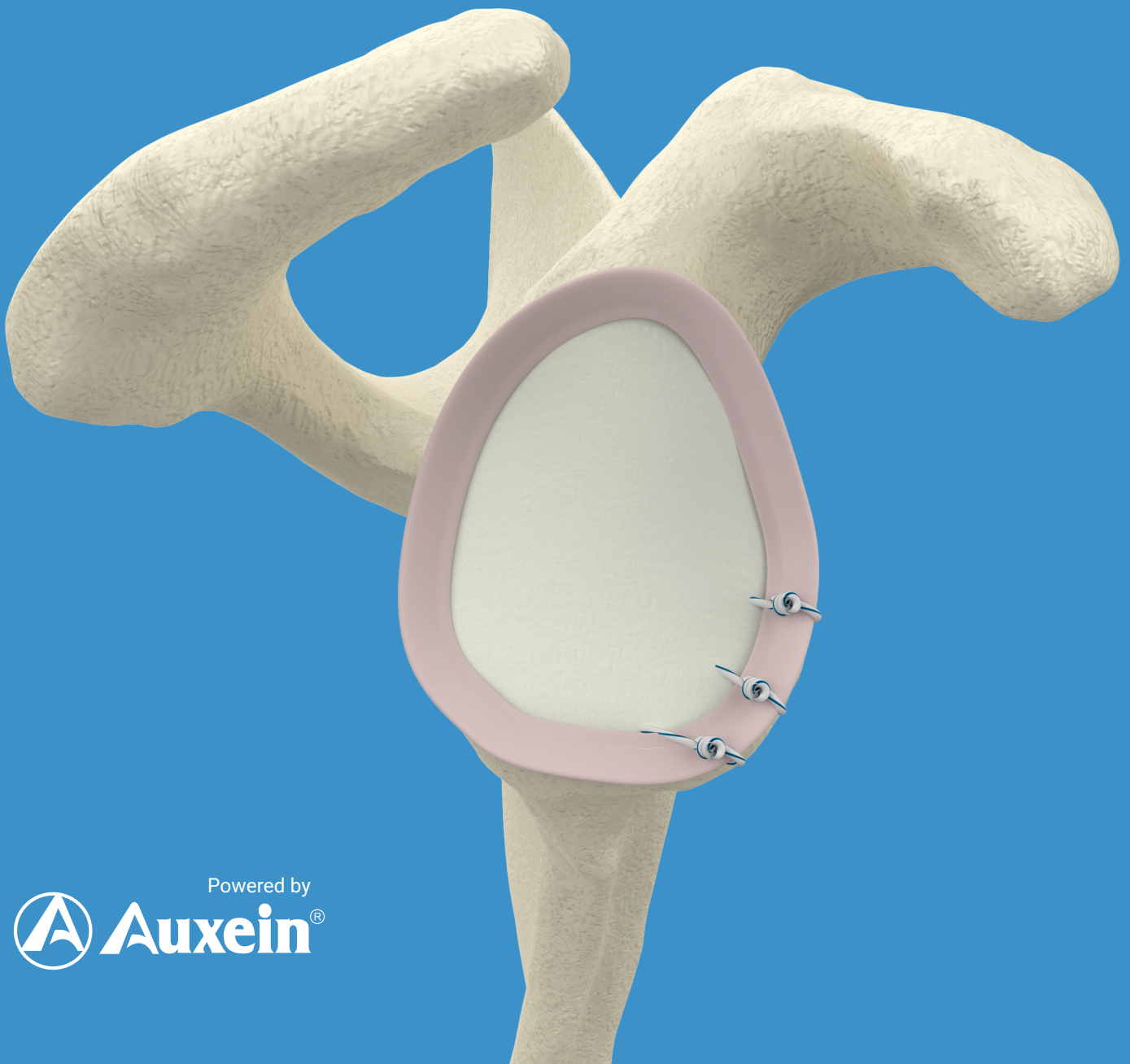


Surgical Technique

Bankart Repair
using 1.5mm 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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This material is intended for health care professionals. Distribution to any other recipient is prohibited.

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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Organised by:  **Auxein**

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PRODUCT OVERVIEW



AUXILOCK[®] AuxSuture Anchor provides numerous advantages over traditional anchors for shoulder instability repair procedures with its strong fixations, less bone removal and a push in techniques. AuxSuture anchor is available in diameter of 1.5mm and 1.8mm. it is available in single and double loaded options with various combination of BioBraid and suture tapes. The drill guide and 1.5mm drill bit are specially designed for AuxSuture Anchor while assuming an accurate hole placement for the anchor. The small 1.5mm Footprint of AuxSuture anchor provides placement and fixation advantage when bone real estate is limited, especially during revision surgeries. The anchor is also available with needles which are ideal for mini-open surgeries.

INDICATION

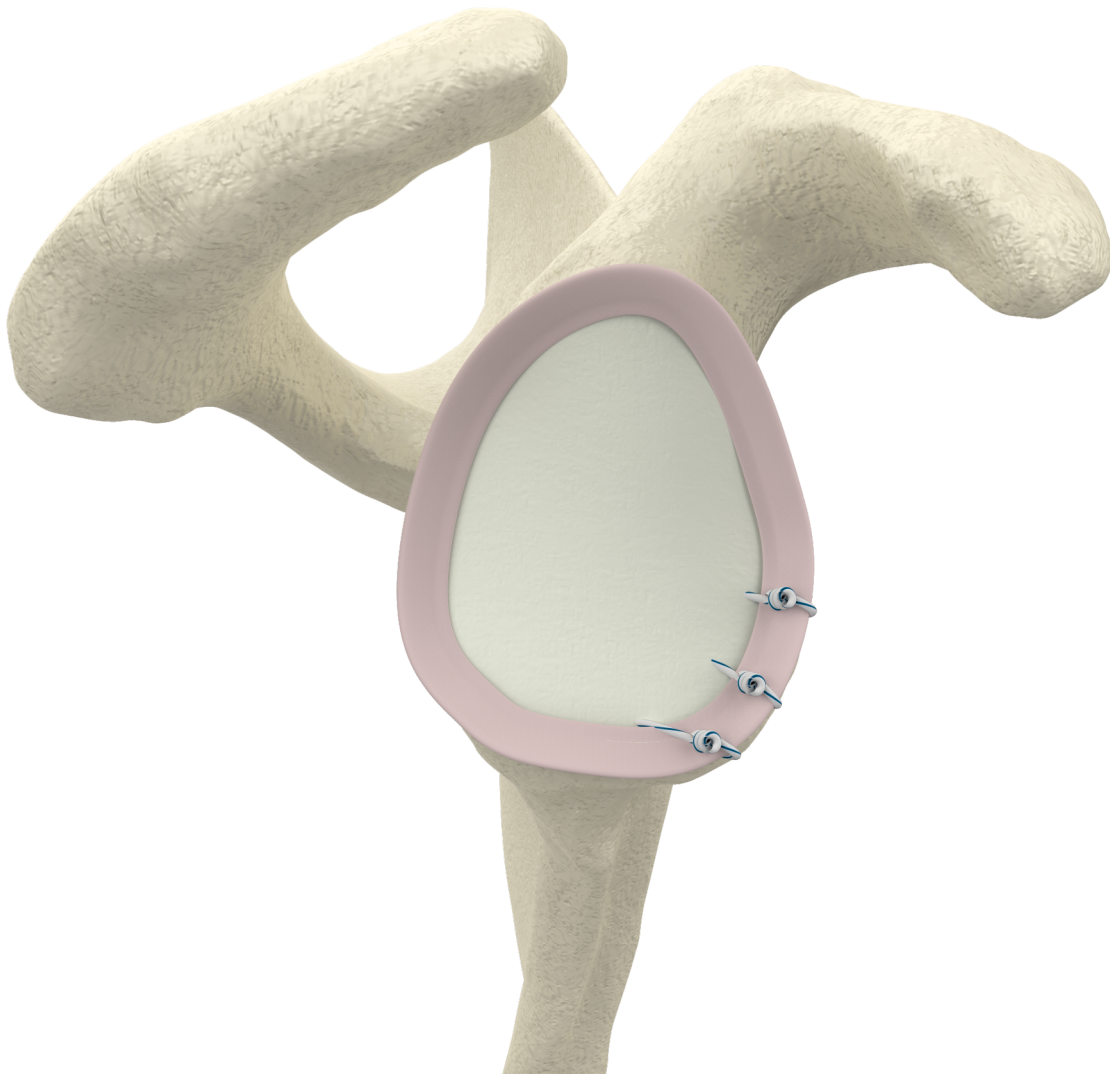
Shoulder: Bankart Lesion Repair, SLAP Lesion Repair, Acromio-Clavicular Separation Repair, Capsular Shift or Capsulolabral Reconstruction, Deltoid Repair, Rotator Cuff Repair, Biceps Tenodesis.

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.

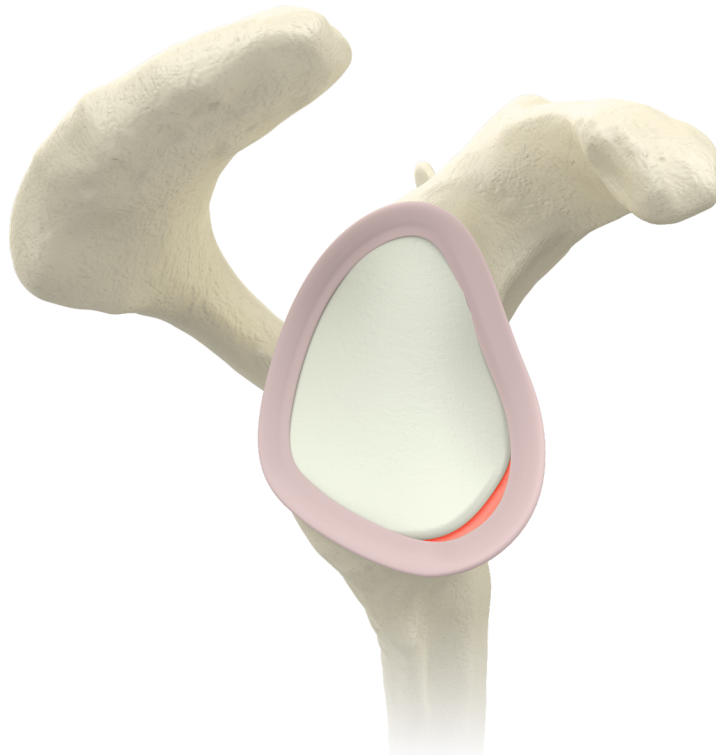
Knee: Medial Collateral Ligament Repair, Lateral Collateral Ligament Repair, Posterior Obliqu Ligament Repair, Extra Capsular Reconstruction, Iliotibial Band Tenodesis, Patellar Ligament and Tendon Avulsion Repair.

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

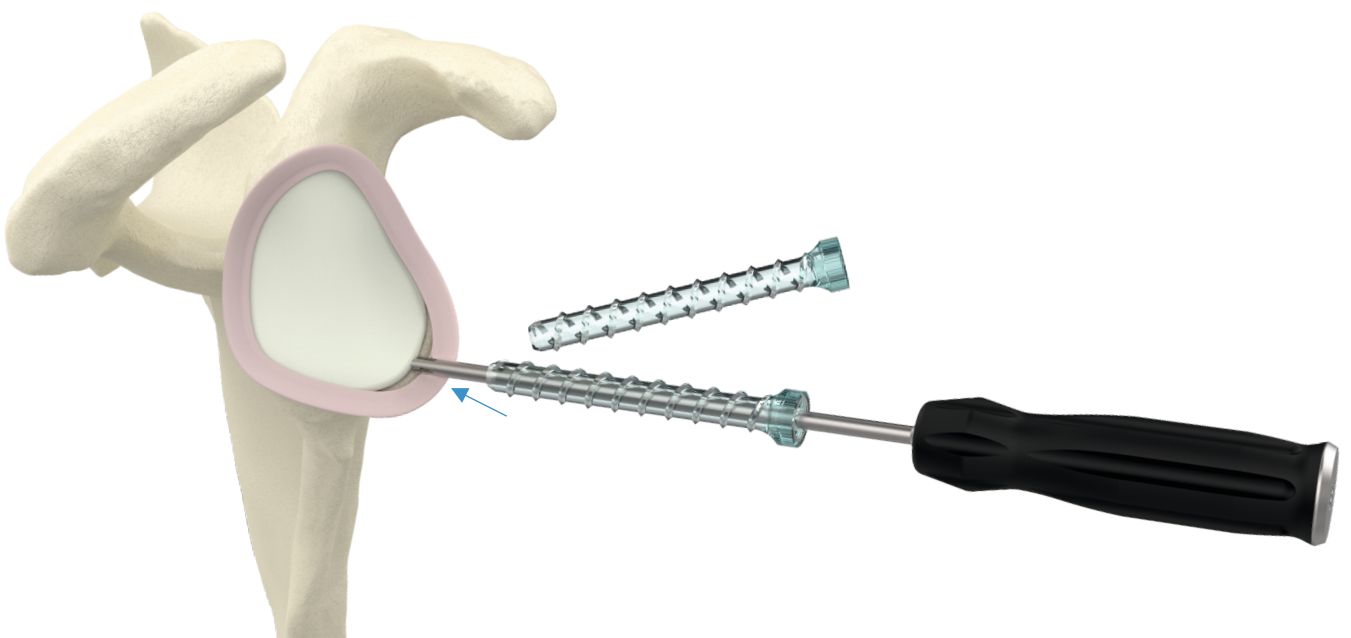


SURGICAL TECHNIQUE

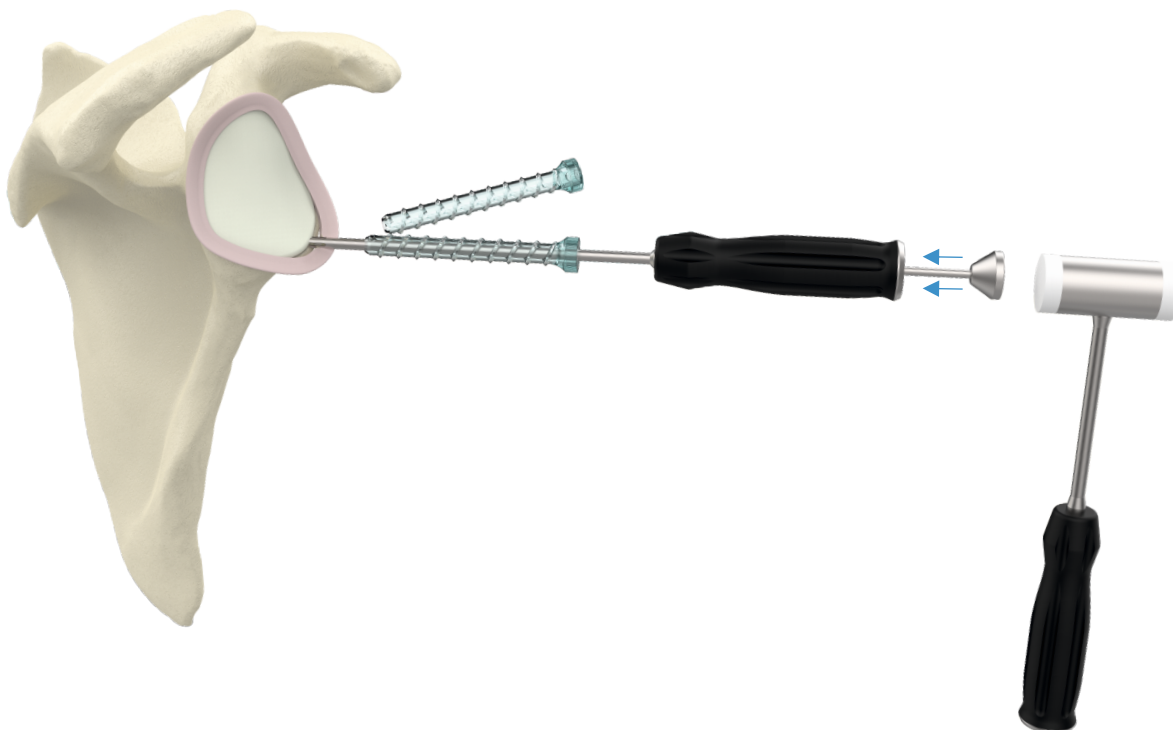
Use tissue elevator to mobilize the tissue and control the labrum. Create bleeding bed using a Glenoid Rasp, mechanical shaver or burr to enhance tissue healing to bone.



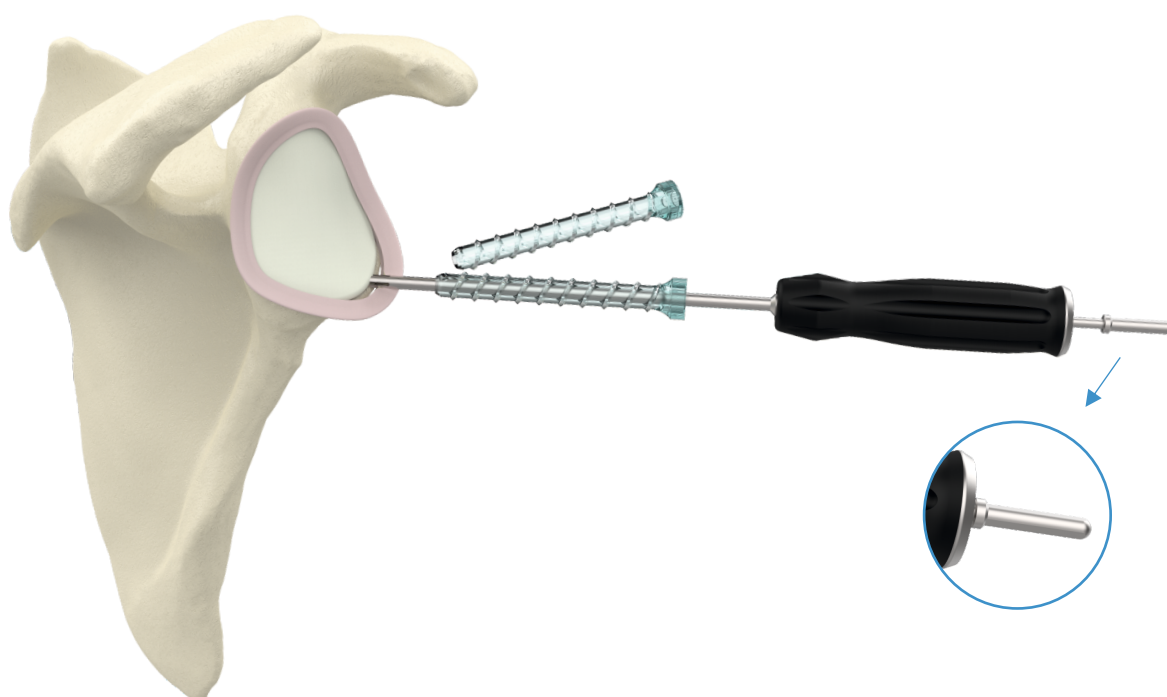
Insert the drill guide into shoulder joint and position it on the glenoid rim.



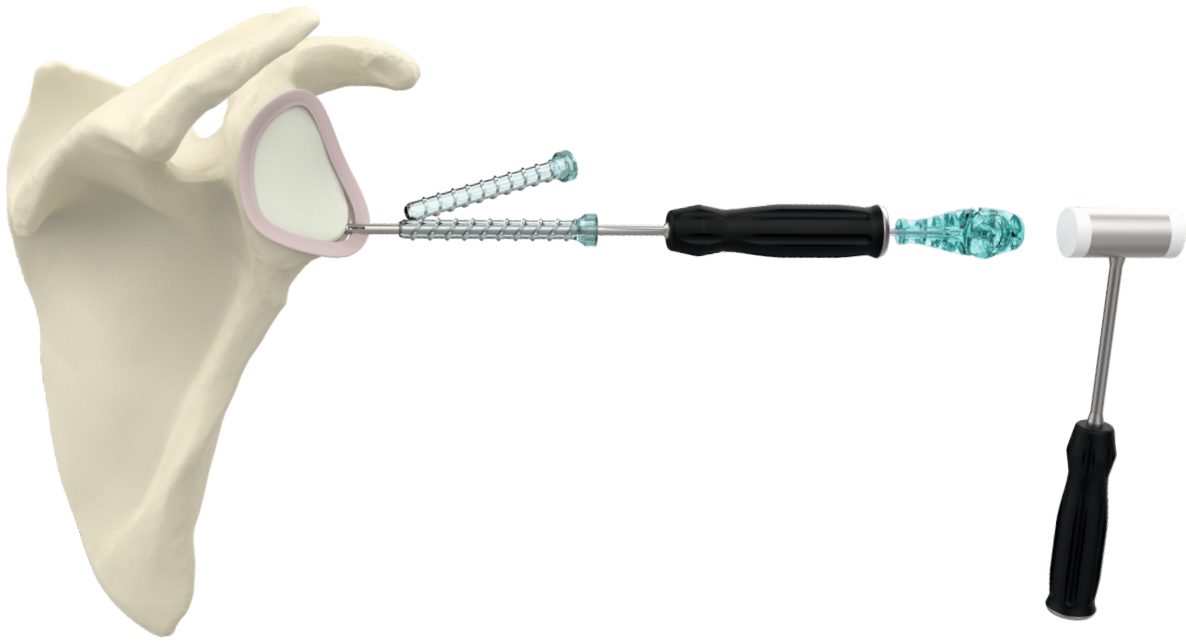
Advance Trocar tip Obturator through the drill guide and tap it to make a pilot hole. Remove obturator and let the drill guide remain on its place



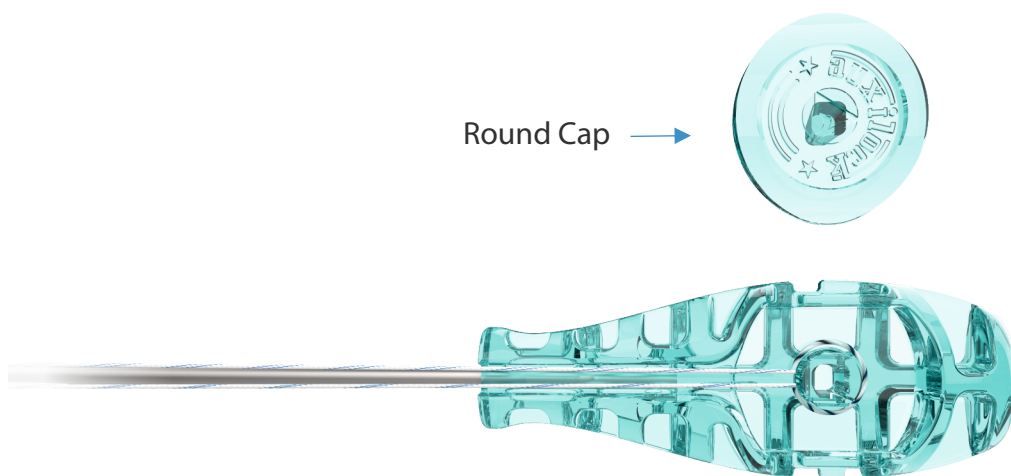
Advance the 1.5mm drill bit through the drill guide until the positive stop contact with the drill guide handle. Remove drill bit and let the drill guide remain on its place.



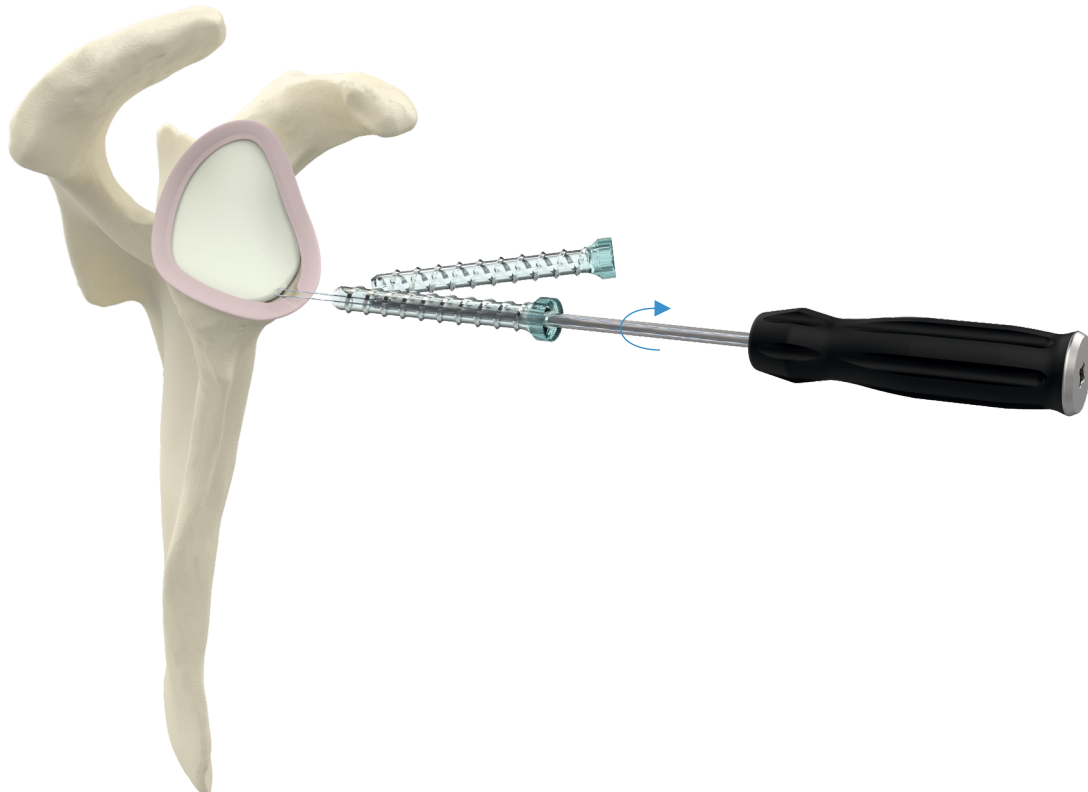
Insert 1.5mm AuxSuture Anchor through the drill guide. Tap-in the anchor into the hole using hammer until the driver handle touches the end of the drill guide handle.



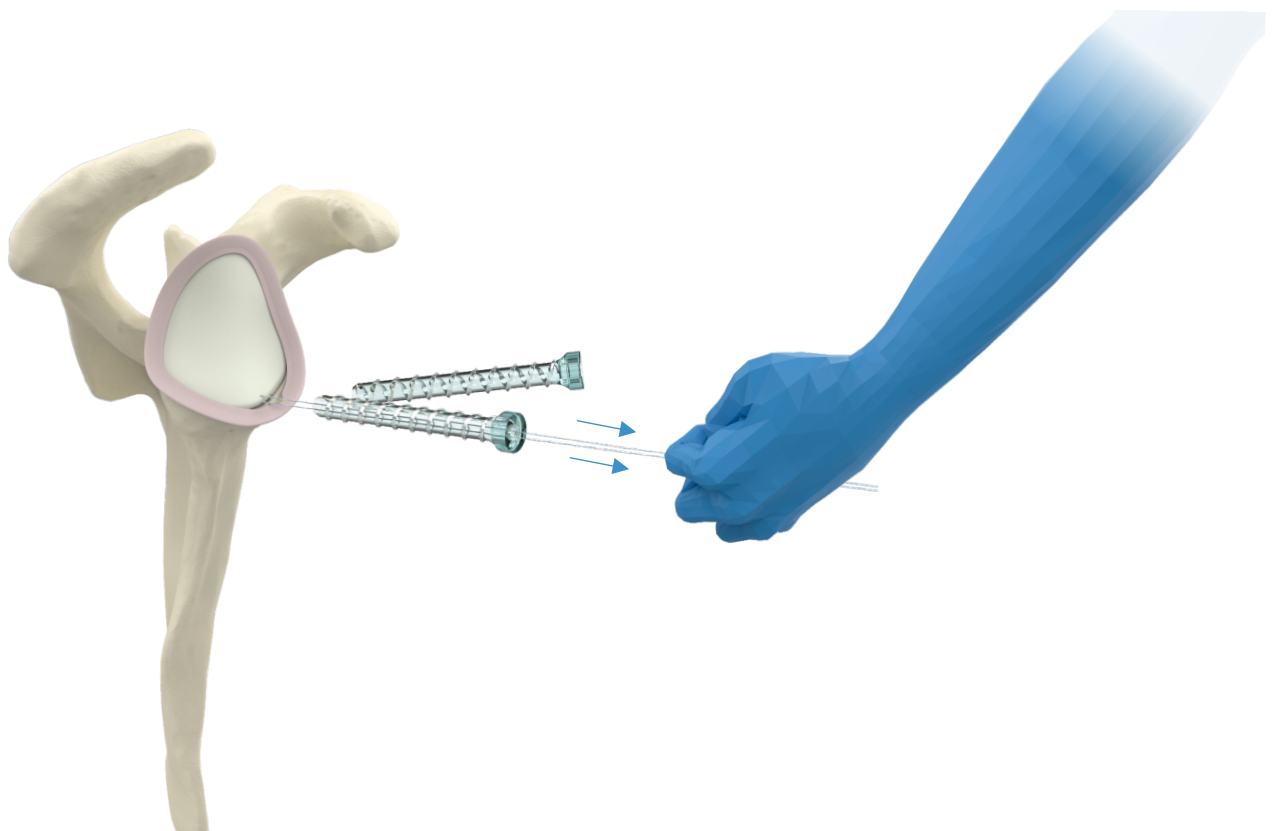
Once the anchor is fully inserted into the bone, pull the round cap on the side of the handle. Then remove the handle by pulling it.



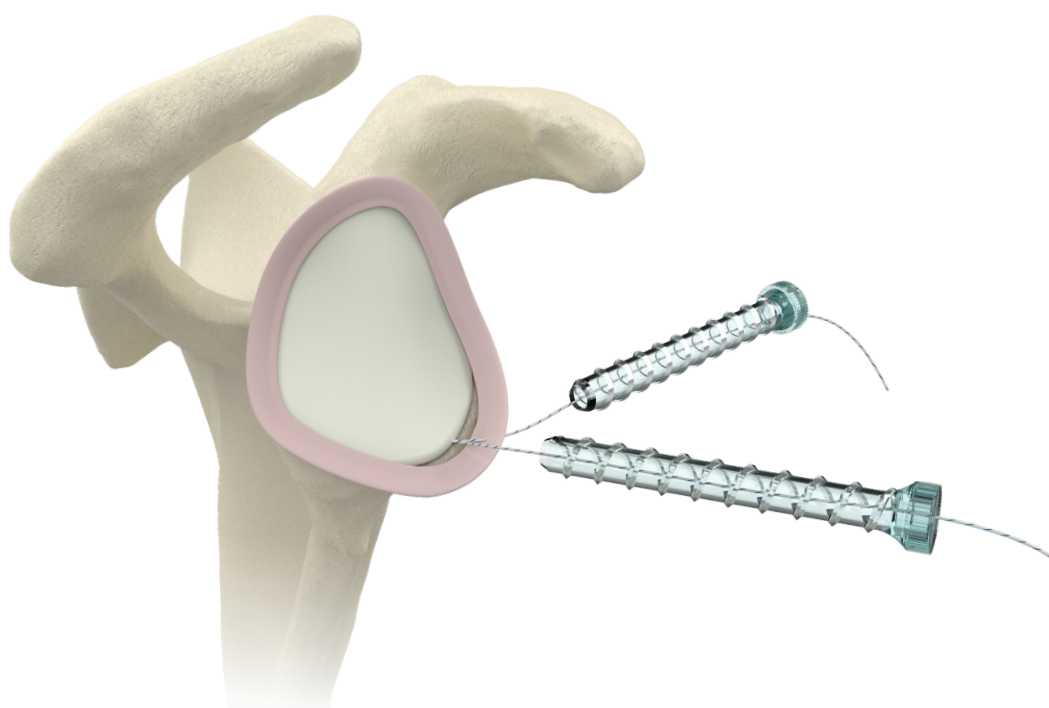
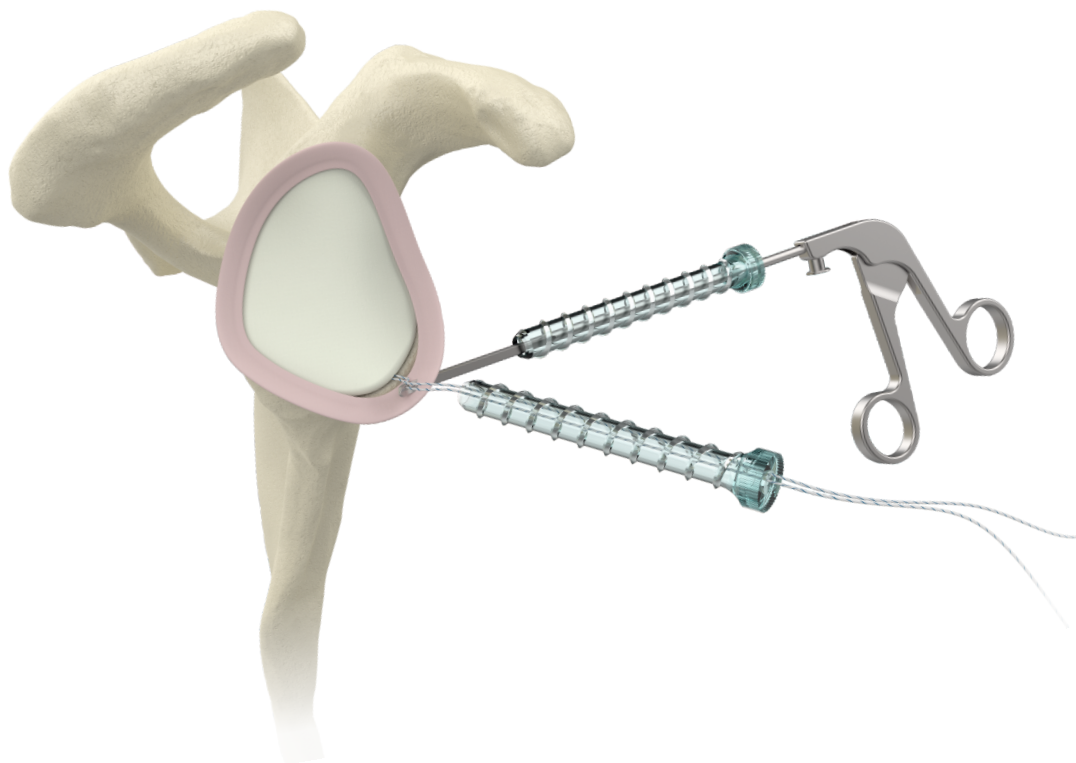
Remove drill guide.



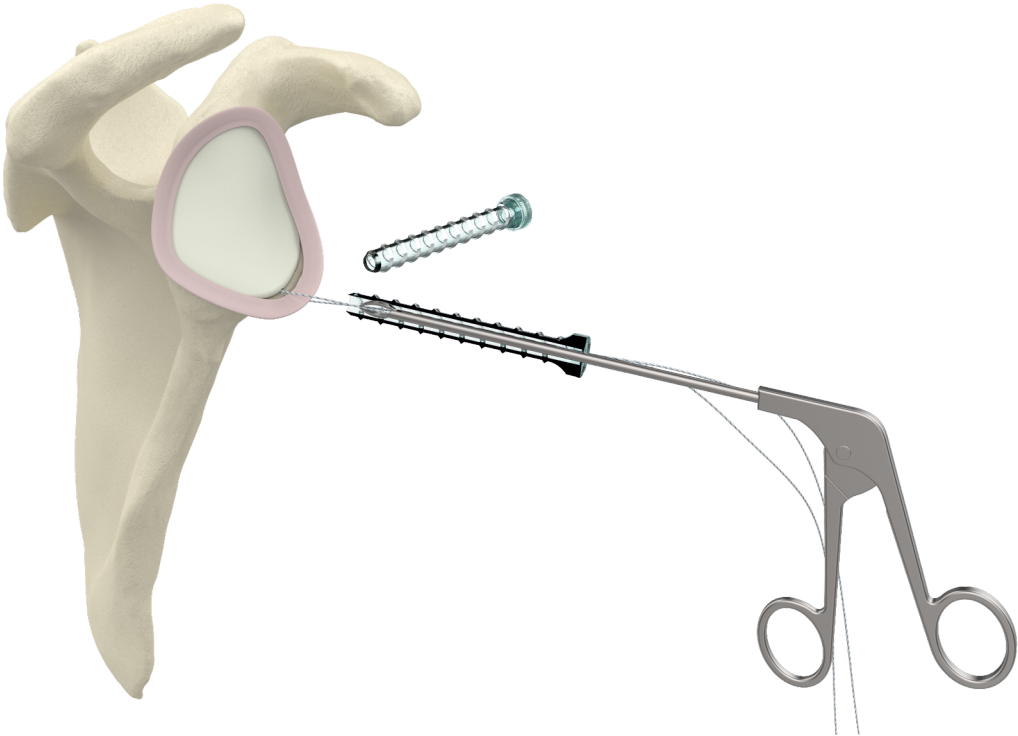
Pull the all the sutures together to deploy the anchor underneath the cortex of the bone. Pull the same coloured sutures to confirm the fixation.



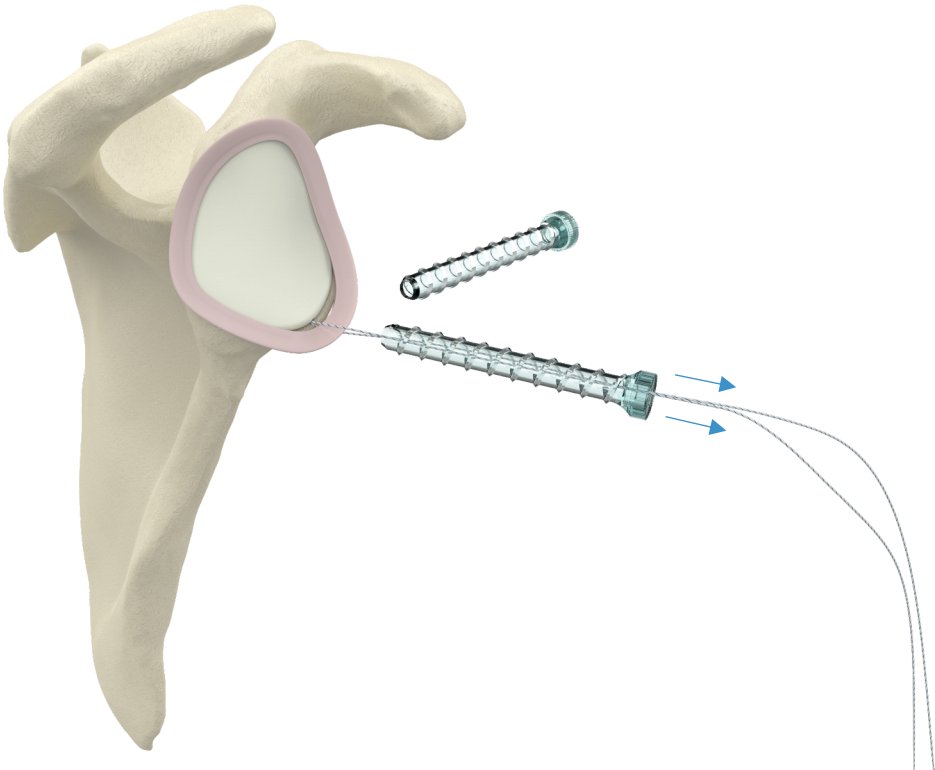
Shuttle the suture tail through the labrum using suture passer or smart hook.



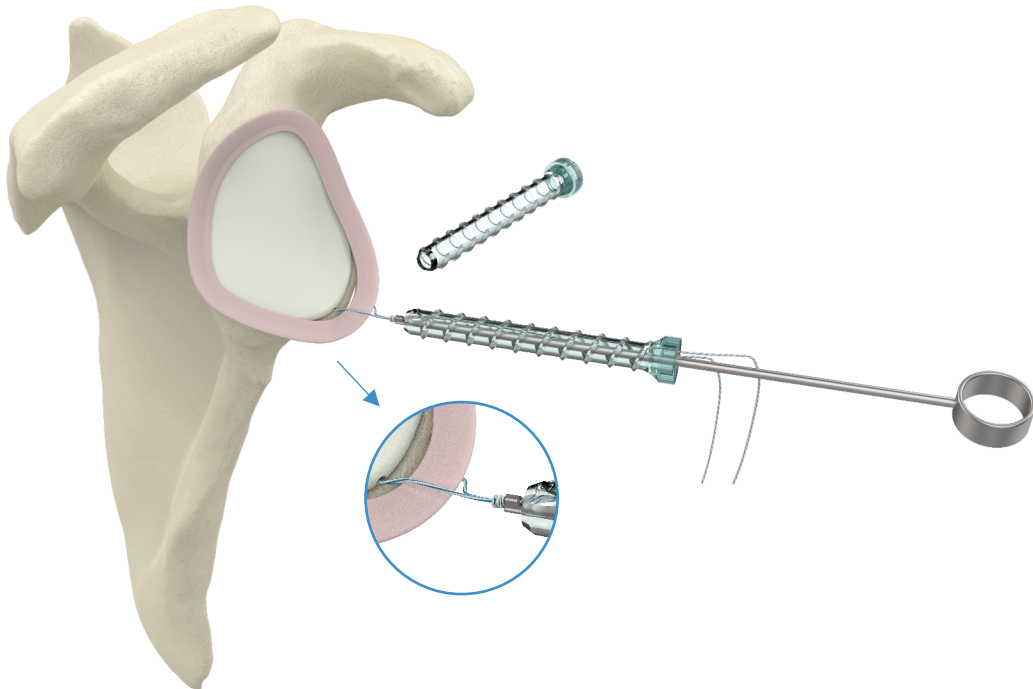
Pulling Suture Using Suture Retriever.



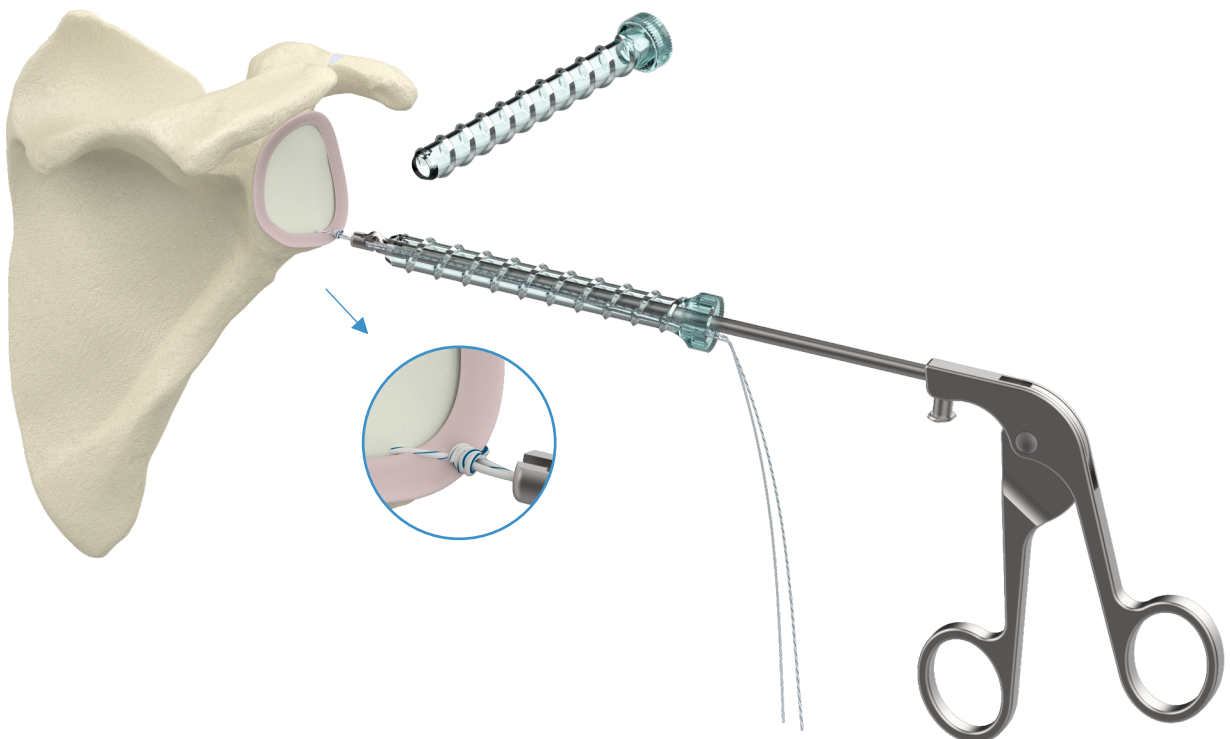
Pulling Out All The Sutures-



Load one limb of suture through the eyelet of the knot pusher. Tie the suture together as per preferred knot and reduce the lesion.



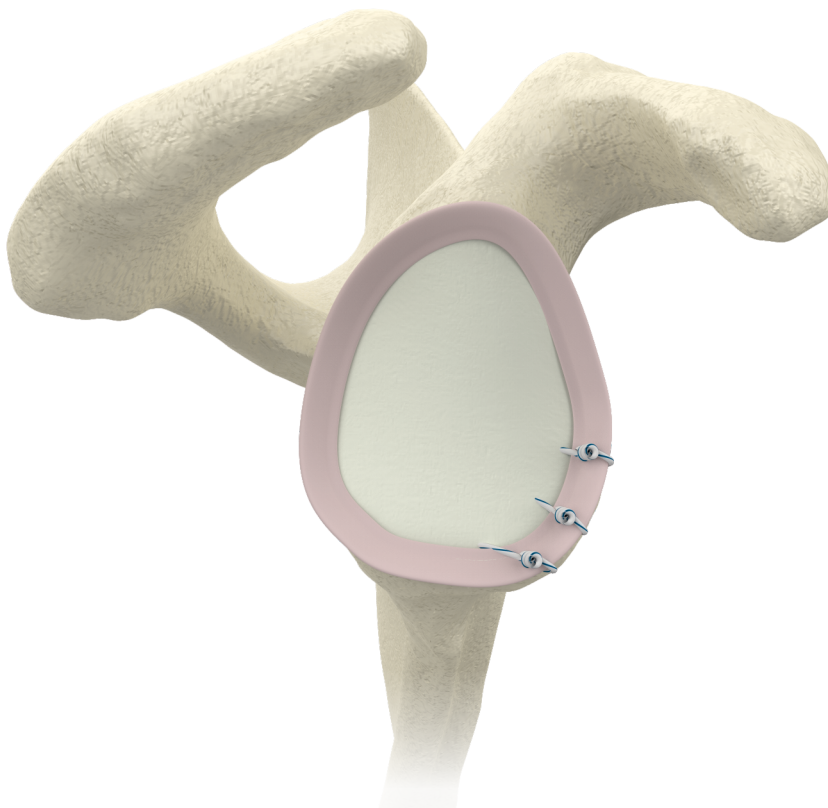
Cut off the excess suture using the suture cutter.













Final First Knot.



Repeat the steps for each subsequent anchor to restore the labrum.



ORDERING INFORMATION

Code	Product Description	Suture/Tape Colour	Needle
6-034-01	AUXILOCK [®] 1.5mm AuxSuture Anchor With One #2 BioBraid: White/Blue		
6-034-02	AUXILOCK [®] 1.5mm AuxSuture Anchor With One 1.4mm Suture Tape: White/Blue		
6-034-03	AUXILOCK [®] 1.5mm AuxSuture Anchor With One #2 BioBraid: White/Blue, With Needles: MO-6		
6-035-01	AUXILOCK [®] 1.8mm AuxSuture Anchor With Two #2 BioBraid: White/Blue & White/Green		
6-035-02	AUXILOCK [®] 1.8mm AuxSuture Anchor With One #2 BioBraid and One 1.4mm Suture Tape: White/Black & White/Blue		
6-035-03	AUXILOCK [®] 1.8mm AuxSuture Anchor With Two #2 BioBraid: White/Blue & White/Green, With Needles: MO-6		
6-035-04	AUXILOCK [®] 1.8mm AuxSuture Anchor With One #2 BioBraid and One 1.4mm Suture Tape: White/Black & White/Blue, With Needles: MO-6		

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



7-013-03 V-Mouth Drill Guide



7-013-04 8 Point Drill Guide



7-013-05 8 Point Drill Guide-Curve



7-013-06 Trocar Tip Obturator



7-013-07 Trocar Tip Obturator- Curve



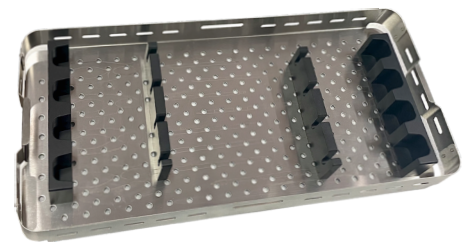
7-013-20 Ø1.5mm X 300 mm Drill Bit, Stainless Steel



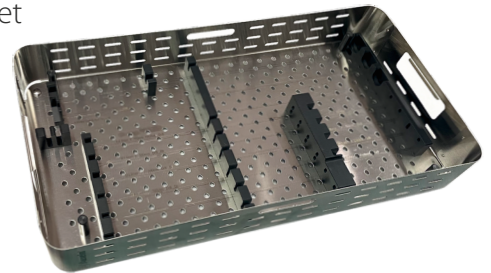
7-013-21 Ø1.5mm X 300 mm Drill Bit, Stainless Steel



7-013-45 Tray For Shoulder Arthroscopy Instruments Set



7-013-46 Container For Shoulder Arthroscopy Instrument Set

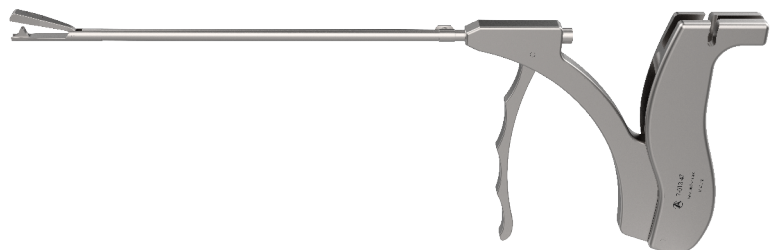


7-013-50 Lid For Container Shoulder Arthroscopy Instrument Set



OPTIONAL INSTRUMENTS

7-013-47 ESCORPIAN Suture Passer

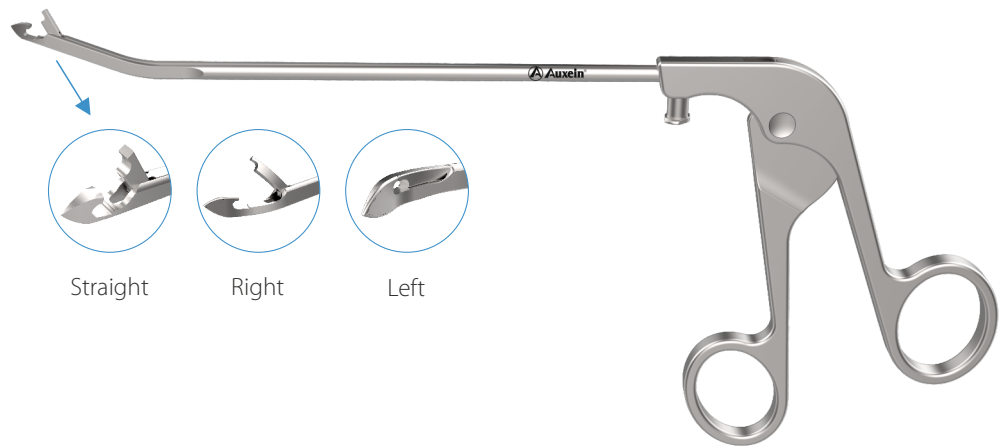


7-013-48

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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