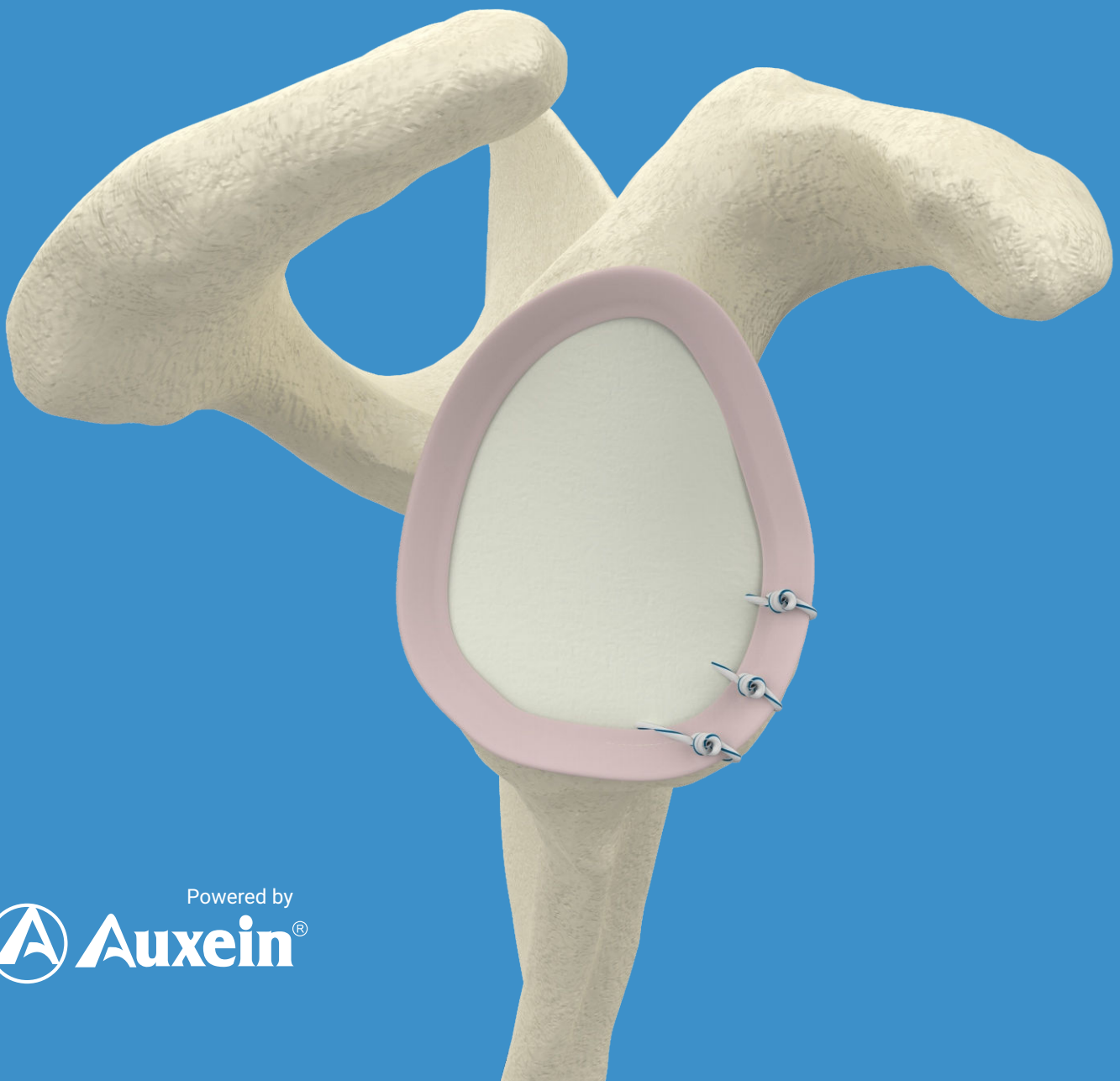


Surgical Technique

Bankart Repair
using 2.8mm Titanium 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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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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2.8mm Titanium Screw-in Suture Anchor

PRODUCT OVERVIEW



AUXILOCK[®] Titanium anchors are the screw-in anchors available in diameter of 2.8 and 3.5mm with single and double loaded options. It is a self-tapping suture anchor mostly used in Bankart or SLAP surgeries. The anchor design incorporates a cortical thread to maximise pull-out strength in a cortical or hard bone. The anchor is designed for delivering its ultimate mechanical properties (pull-out strength, tensile strength, etc.) and ease-of-use. The drill guide and drill bit are provided in the instrument set for the accurate placement of the anchor. It in turn minimizes the anchor slippage or breakage during the surgery. The anchors are also available with needles which are ideal for mini-open shoulder instability repair procedures.

INDICATION

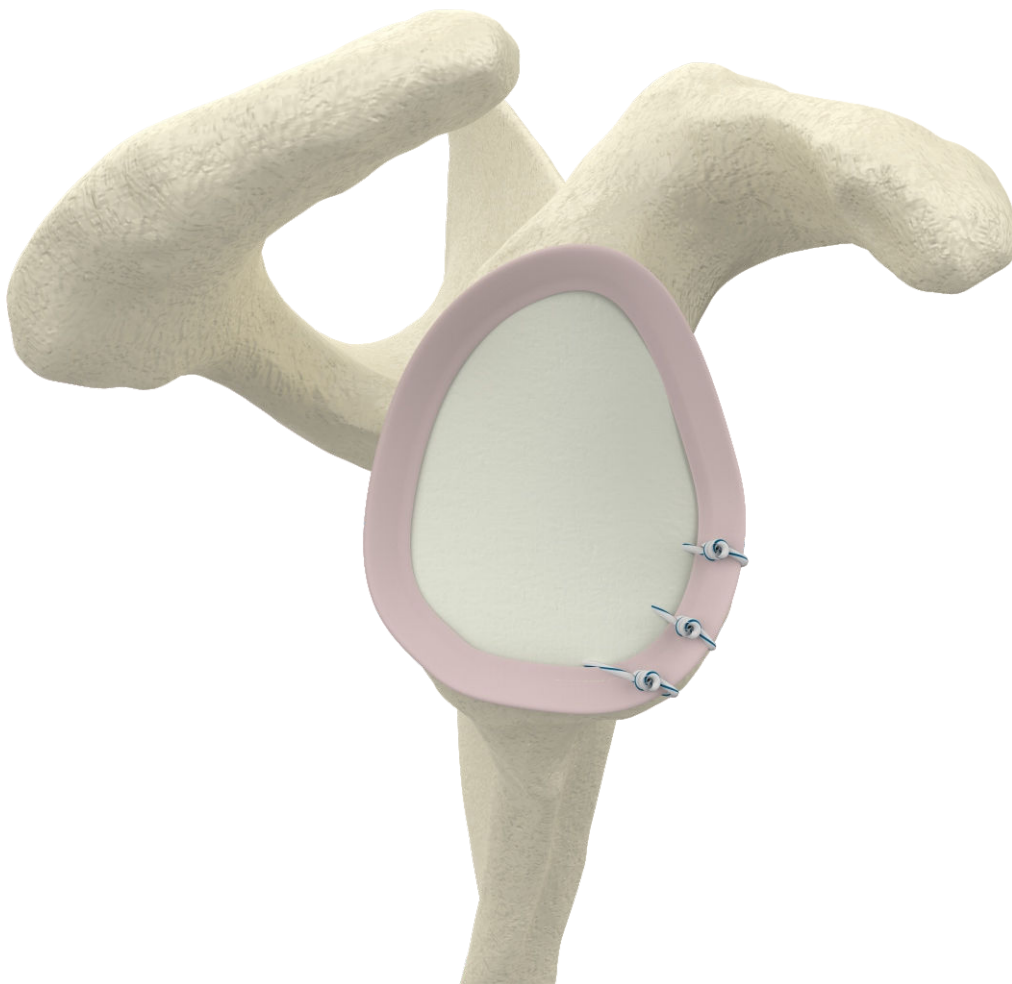
Shoulder: Bankart Lesion Repair, SLAP Lesion Repair, Acromio-Clavicular Separation Repair, Capsular Shift or Capsulolabral Reconstruction, Deltoid Repair, Rotator Cuff Repair, Biceps Tenodesis.

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.

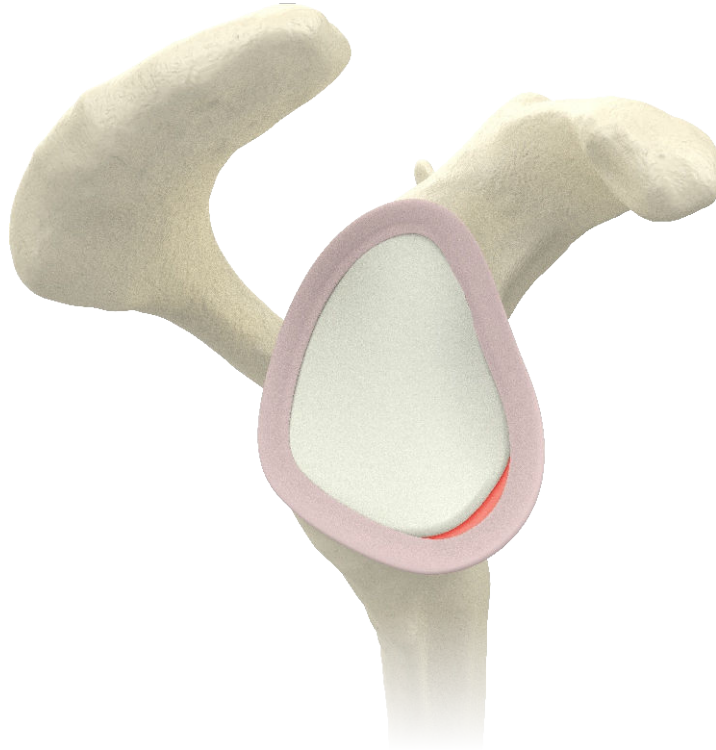
Knee: Medial Collateral Ligament Repair, Lateral Collateral Ligament Repair, Posterior Obliqu Ligament Repair, Extra Capsular Reconstruction, Iliotibial Band Tenodesis, Patellar Ligament and Tendon Avulsion Repair.

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

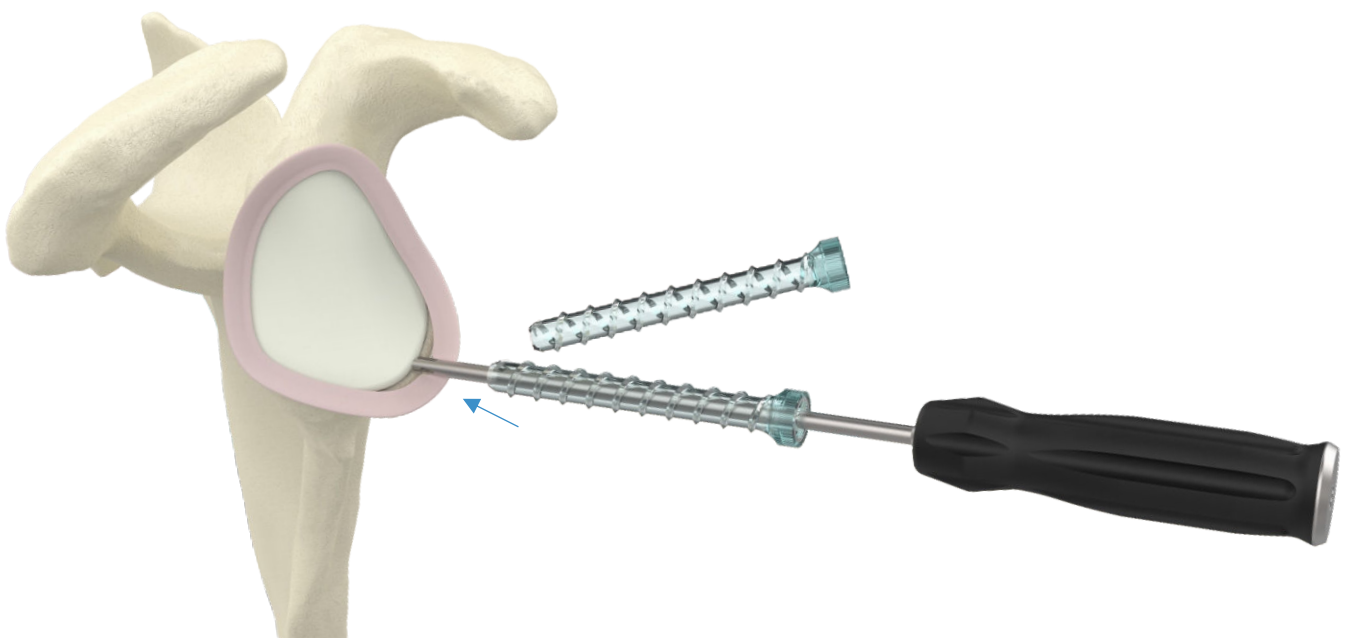


SURGICAL TECHNIQUE

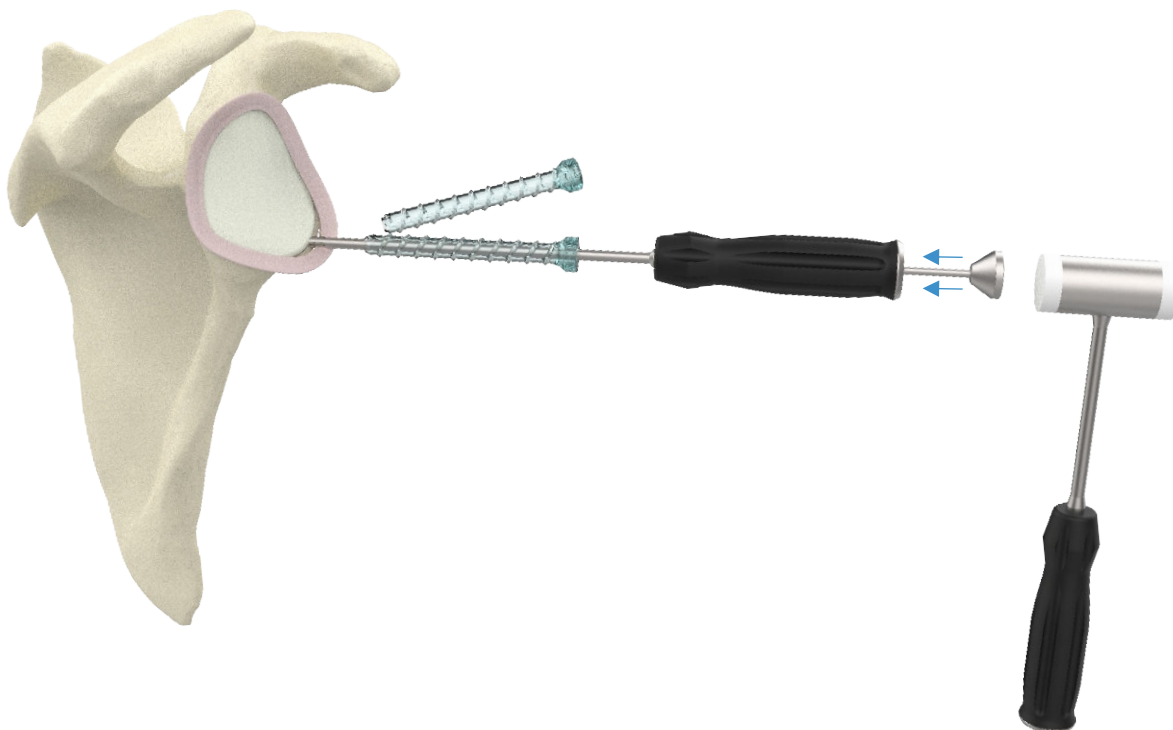
Use tissue elevator to mobilize the tissue and control the labrum. Create bleeding bed using a Glenoid Rasp, mechanical shaver or burr to enhance tissue healing to bone.



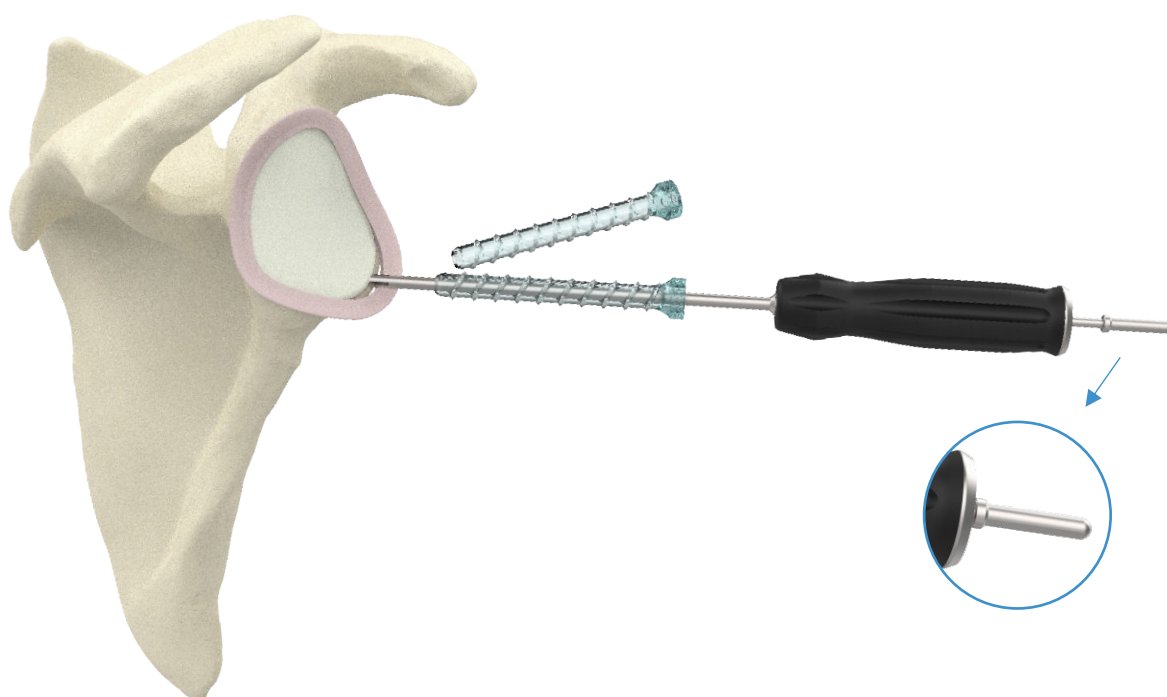
Insert the drill guide into shoulder joint and position it on the glenoid rim.



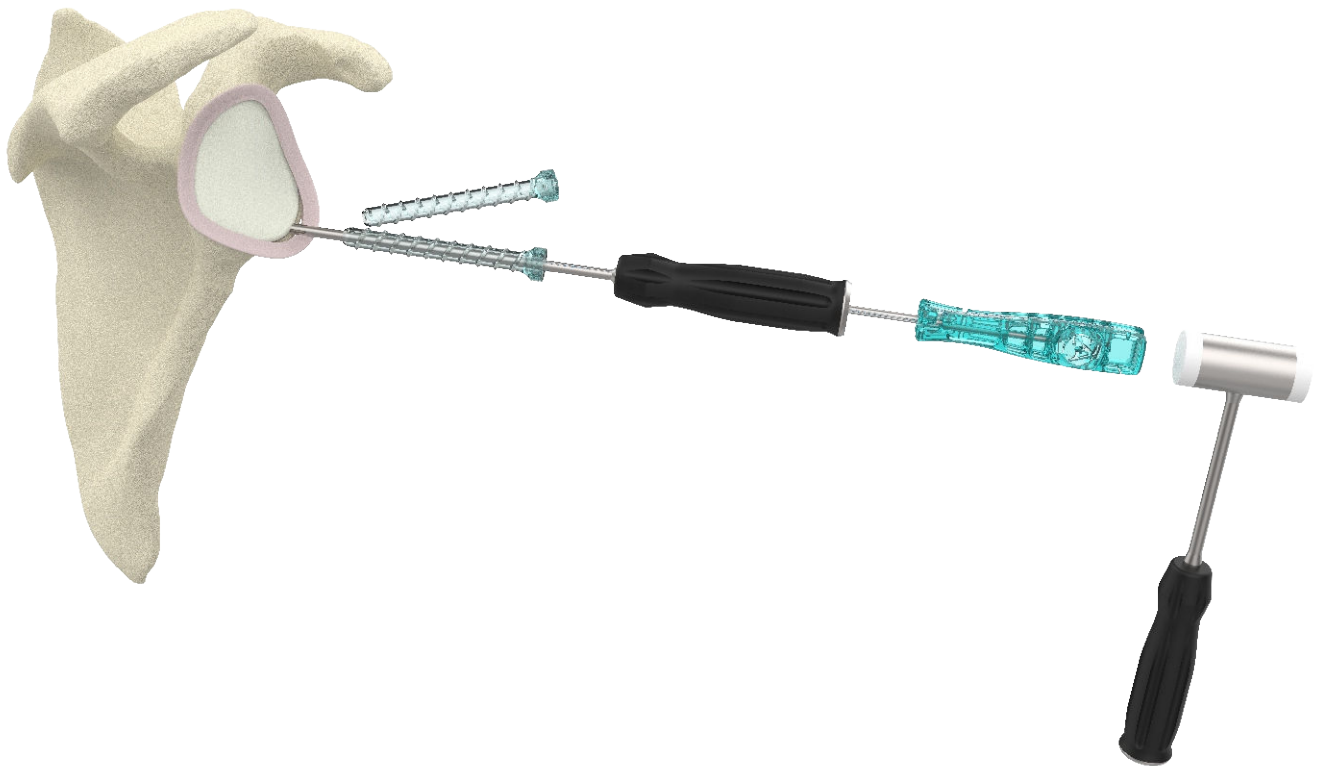
Advance Trocar tip Obturator through the drill guide and tap it to make a pilot hole. Remove obturator and let the drill guide remain on its place.



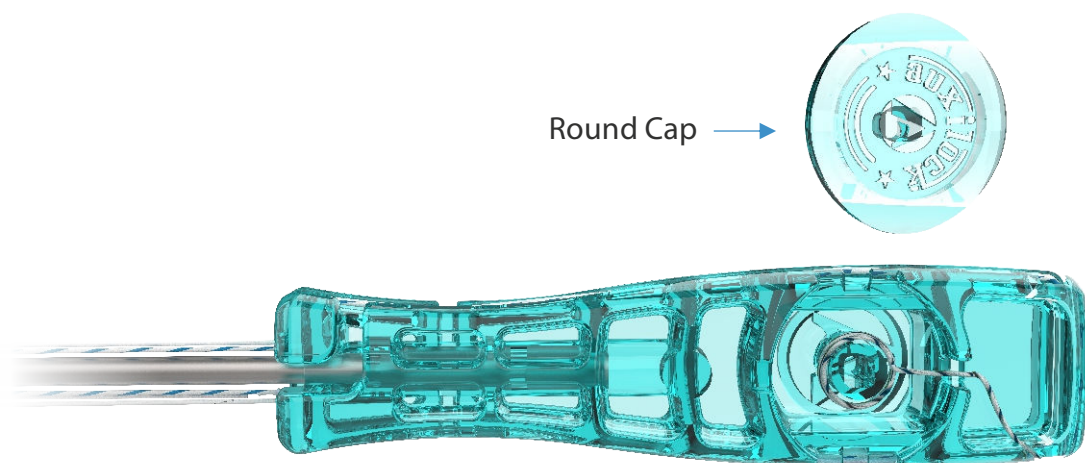
Advance the 1.8mm drill bit through the drill guide until the positive stop contact with the drill guide handle. Remove drill bit and let the drill guide remain on its place.



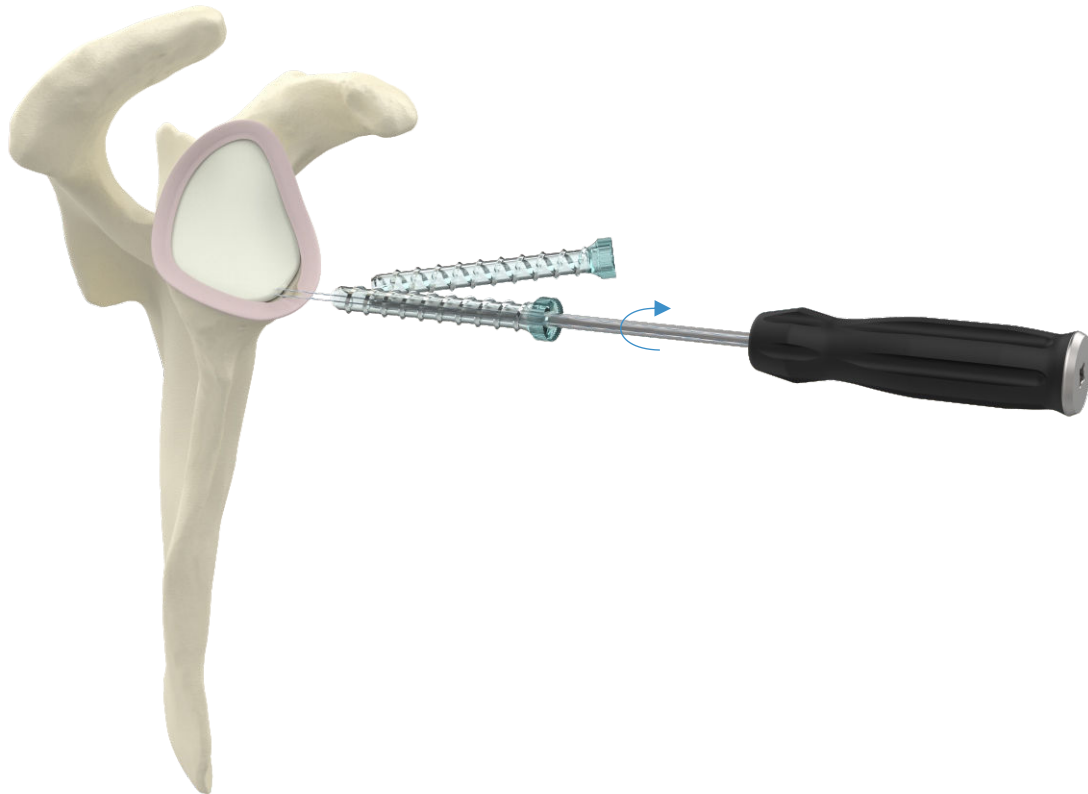
Insert 2.8mm Titanium Screw-in Suture anchor through the drill guide. Screw-in the anchor clockwise into the hole until the driver handle touches the end of the drill guide handle.



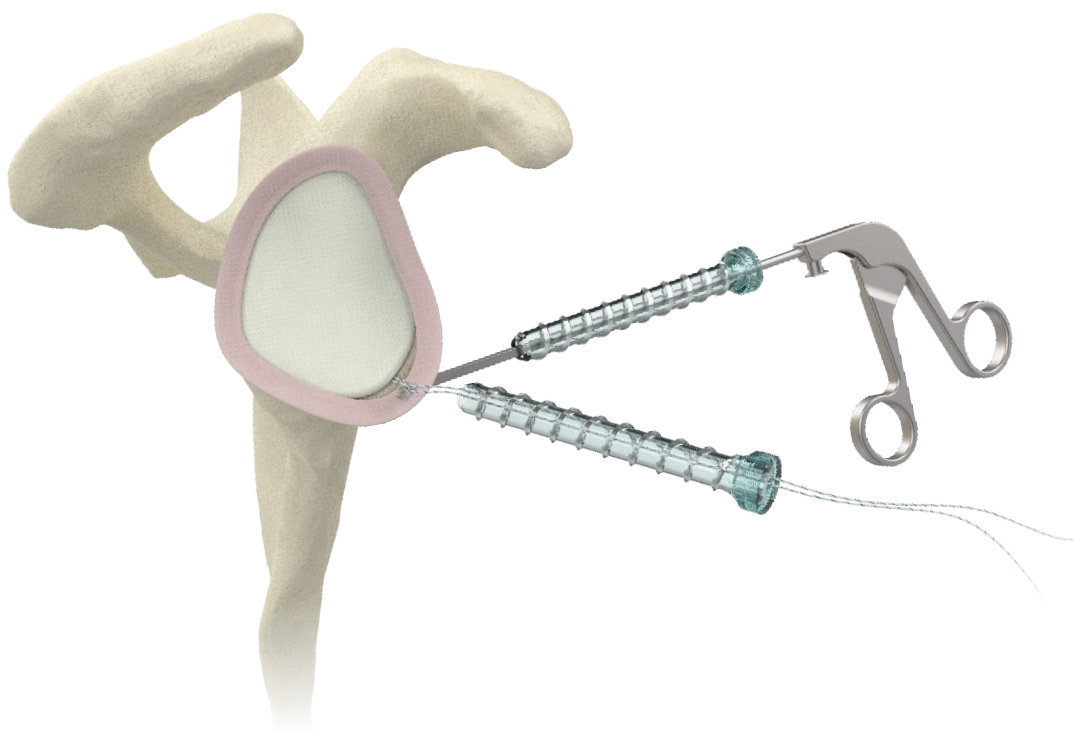
Once the anchor is fully seated into the bone, pull the round cap on the side of the handle. Then remove the handle by pulling it.



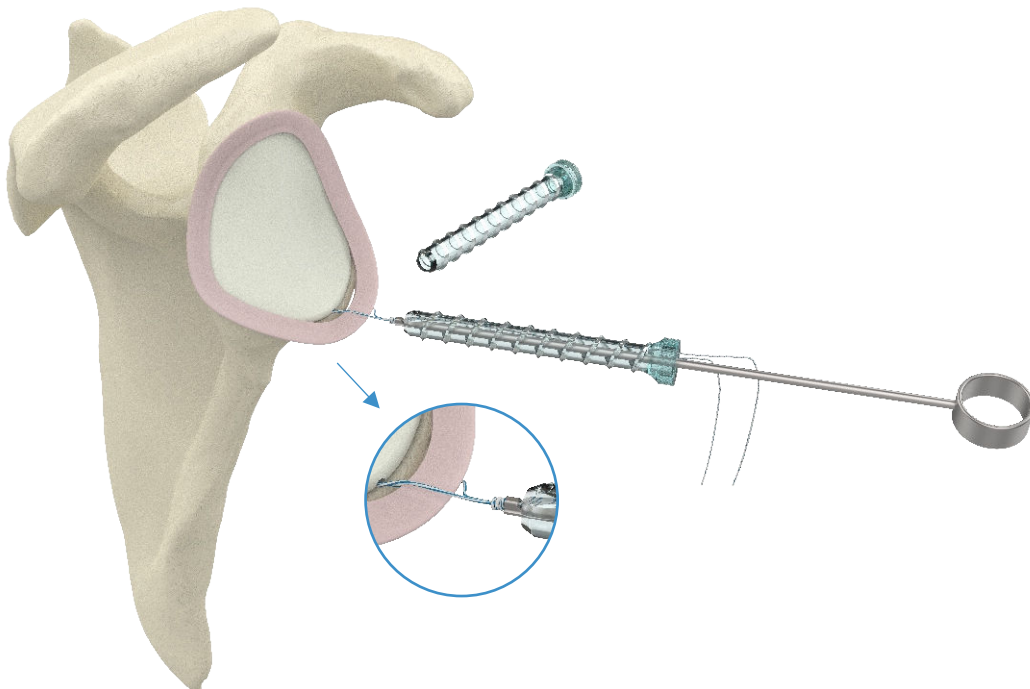
Remove drill guide.



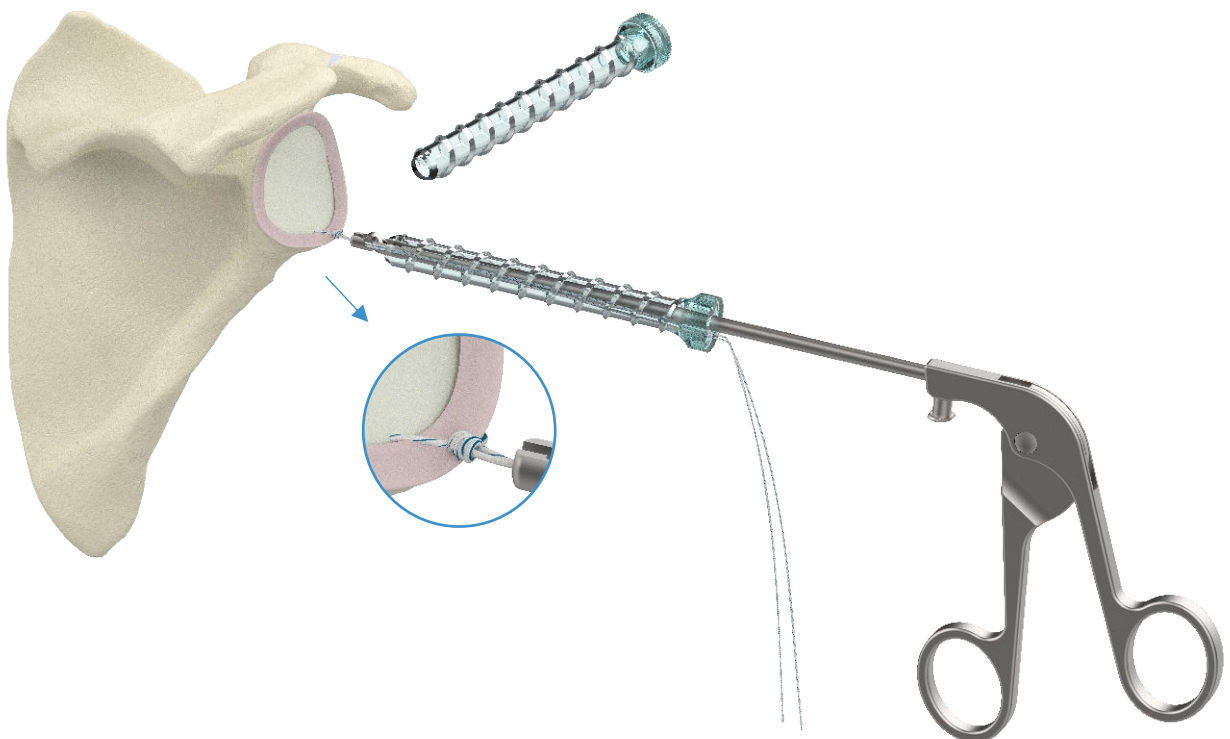
Shuttle the suture tail through the labrum using suture passer or smart hook.



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



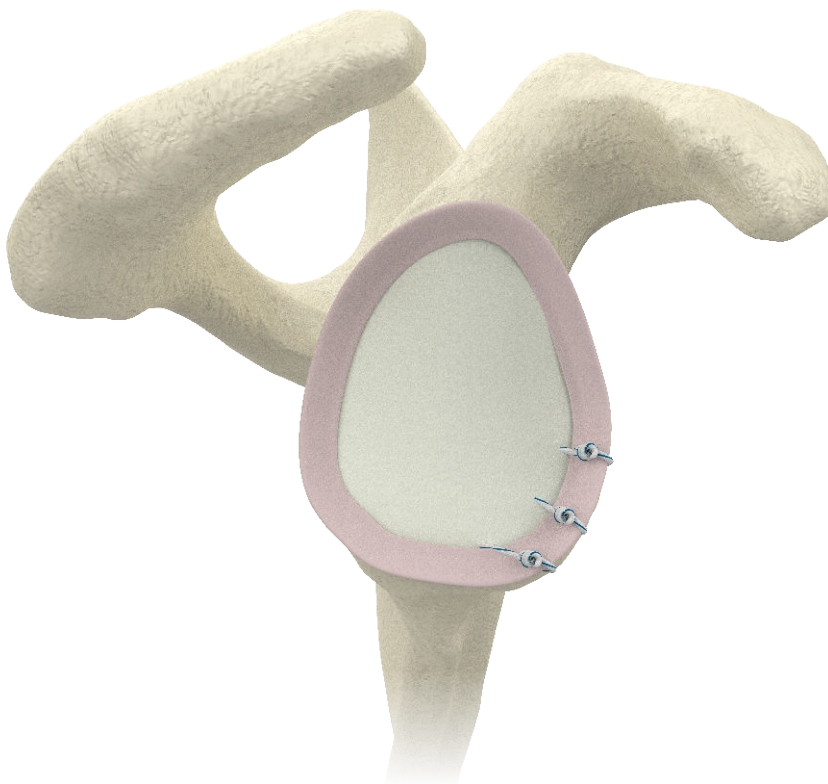
Cut off the excess suture using the suture cutter.














Final First Knot.



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



ORDERING INFORMATION

Code	Product Description	Suture/Tape Colour	Needle
6-005-01	AUXILOCK® 2.8mm Titanium Screw-In Suture Anchor With One #2 BioBraid: White/Blue		
6-005-05	AUXILOCK® 2.8mm Titanium Screw-In Suture Anchor With One #2 BioBraid: White/Blue, With Needles: MO-6		
6-005-02	AUXILOCK® 3.5mm Titanium Screw-In Suture Anchor With Two #2 BioBraid: White/Blue & White/Black	 	
6-005-06	AUXILOCK® 3.5mm Titanium Screw-In Suture Anchor With Two #2 BioBraid: White & White/Blue, With Needles: MO-6	 	
6-005-13	AUXILOCK® 3.5mm Titanium Screw-In Suture Anchor With One #2 BioBraid: White/Blue, With Needles: MO-6		
6-005-14	AUXILOCK® 3.5mm Titanium Screw-In Suture Anchor With One #2 BioBraid: 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



7-013-03 V-Mouth Drill Guide



7-013-04 8 Point Drill Guide



7-013-06 Trocar Tip Obturator



7-013-16 Ø1.8mmX300mm Drill Bit



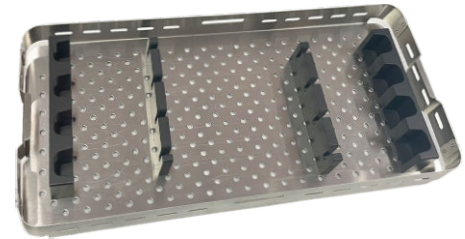
7-013-02 8 Point Slotted Drill Guide, Length 100mm



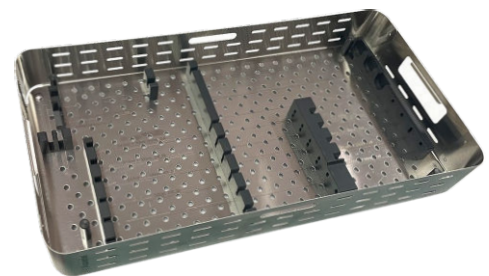
7-013-10 Ø1.8mmX100mm Drill Bit



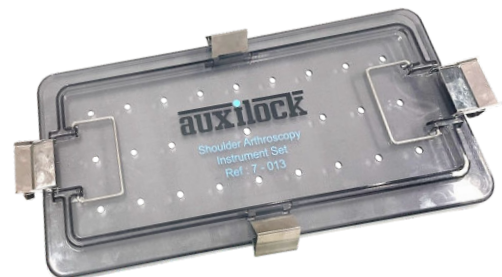
7-013-45 Tray For Shoulder Arthroscopy Instruments Set



7-013-46 Container For Shoulder Arthroscopy Instrument Set

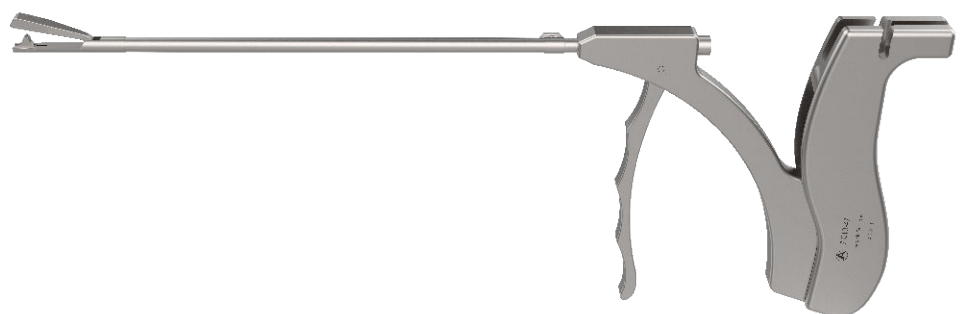


7-013-52 Lid For Container Shoulder Arthroscopy Instrument Set



OPTIONAL INSTRUMENTS

7-013-47 ESCORPIAN Suture Passer

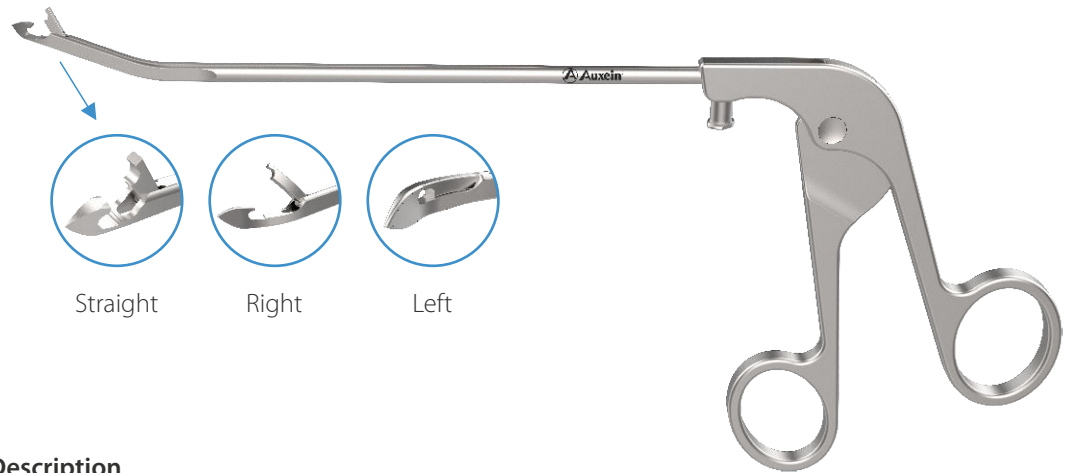


7-013-48

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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