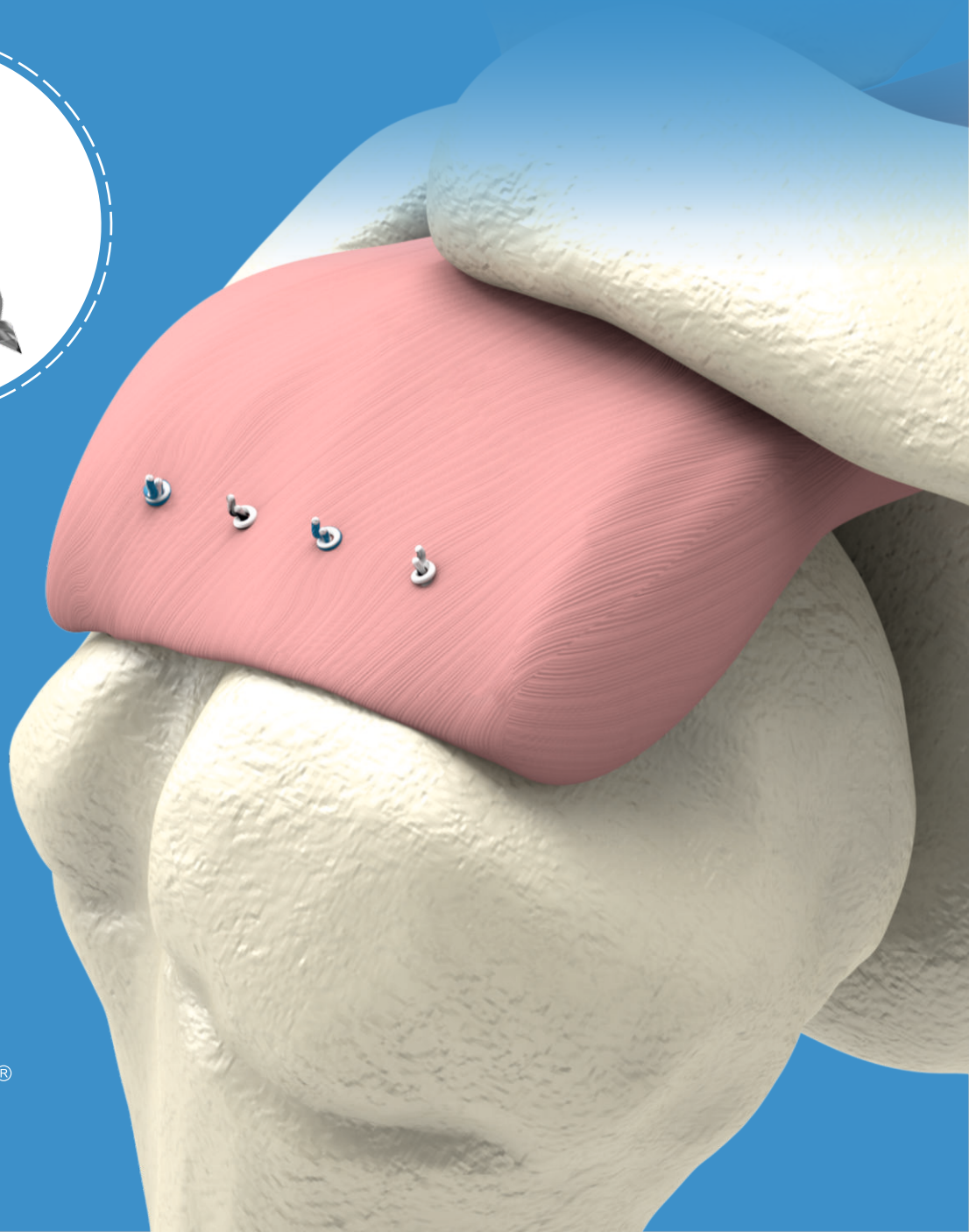


Surgical Technique

Single Row Rotator Cuff Repair
using 5.0mm 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



Disclaimer

All content herein is protected by copyright, trademarks and other intellectual property rights, as applicable, owned by or licensed to Auxein Medical or its affiliates unless otherwise indicated, and must not be redistributed, duplicated or disclosed, in whole or in part, without the express written consent of Auxein Medical.

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.

©2022 Auxein Medical.



Organised by:  **Auxein**

Contents

Product Overview	01
Indications	02
Surgical Technique	03-06
Ordering Information	07
Recommended Instrumentation	07-11

5.0mm Titanium Screw-in Suture Anchor

PRODUCT OVERVIEW



The self-tapping AUXILOCK[®] Titanium screw-in suture anchor is mostly used as a medial row anchor in rotator cuff repair surgery. It is recommended for use in small and large-joint repairs without the need for tapping or drilling. AUXILOCK[®] Titanium screw-in anchors are available in diameter of 5.0 and 6.5mm with double and triple loaded options. The anchor design incorporates a cancellous thread with a very small core diameter to maximise pull-out strength in cancellous or osteoporotic bone. The anchor is designed for ultimate mechanical properties (pull-out strength, tensile strength, etc.) and ease-of-use. The anchors are also available with needles which are ideal for mini-open rotator cuff repair procedures.

INDICATION

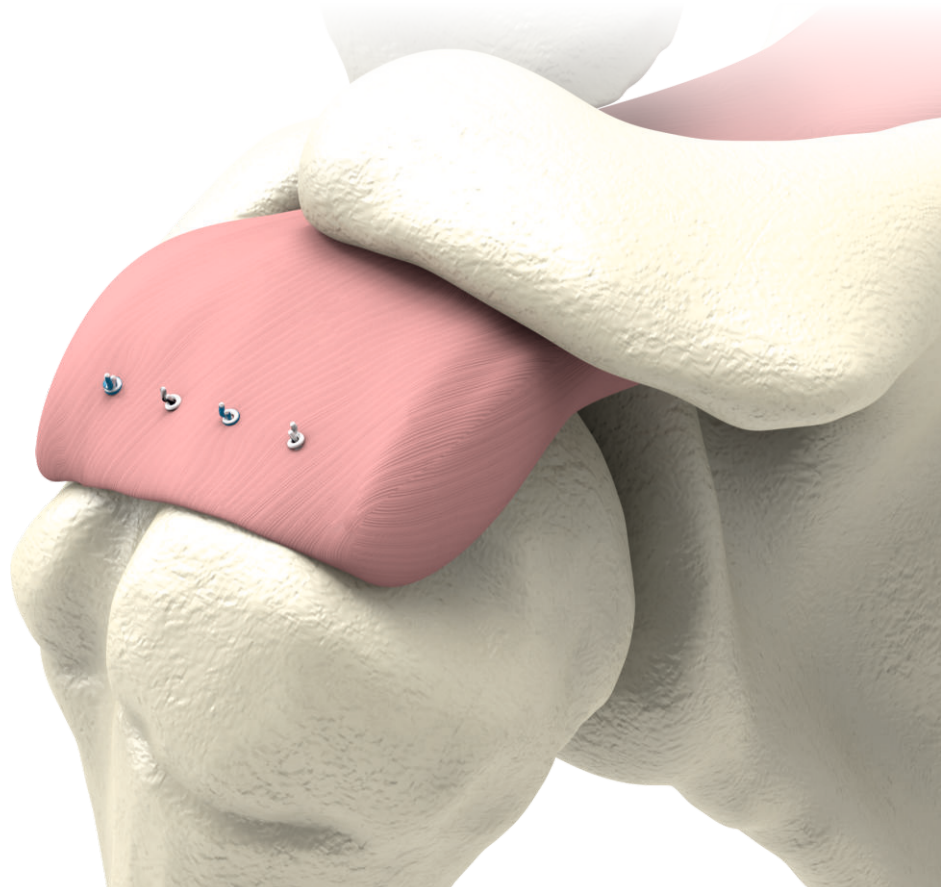
Shoulder: Bankart Lesion Repair, SLAP Lesion Repair, Acromio-Clavicular Separation Repair, Capsular Shift or Capsulolabral Reconstruction, Deltoid Repair, Rotator Cuff Repair, Biceps Tenodesis.

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.

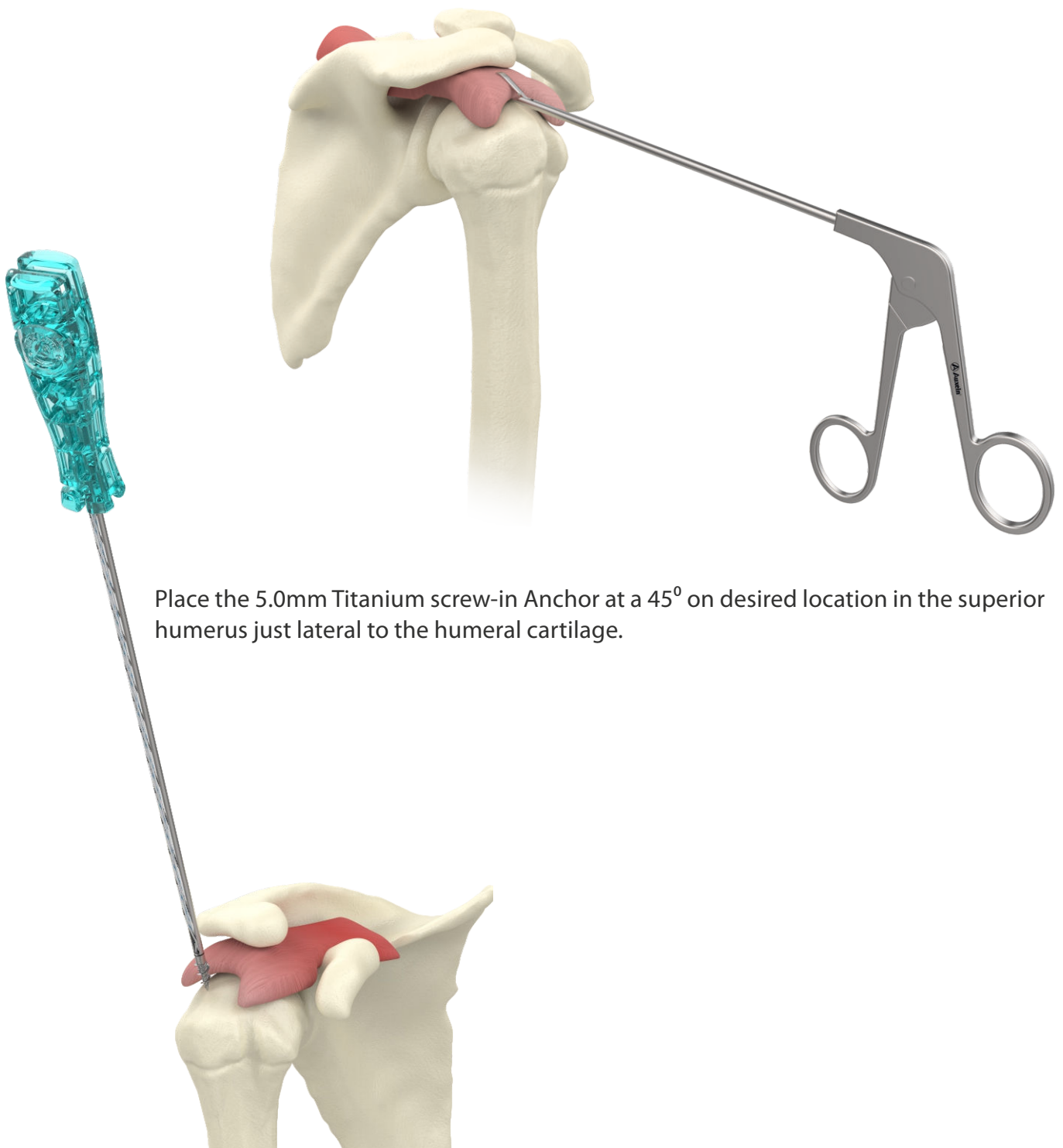
Hand & Wrist: Scapholunate Ligament Reconstruction, Ulnar or Radial Collateral Ligament Reconstruction, TFCC.



SURGICAL TECHNIQUE

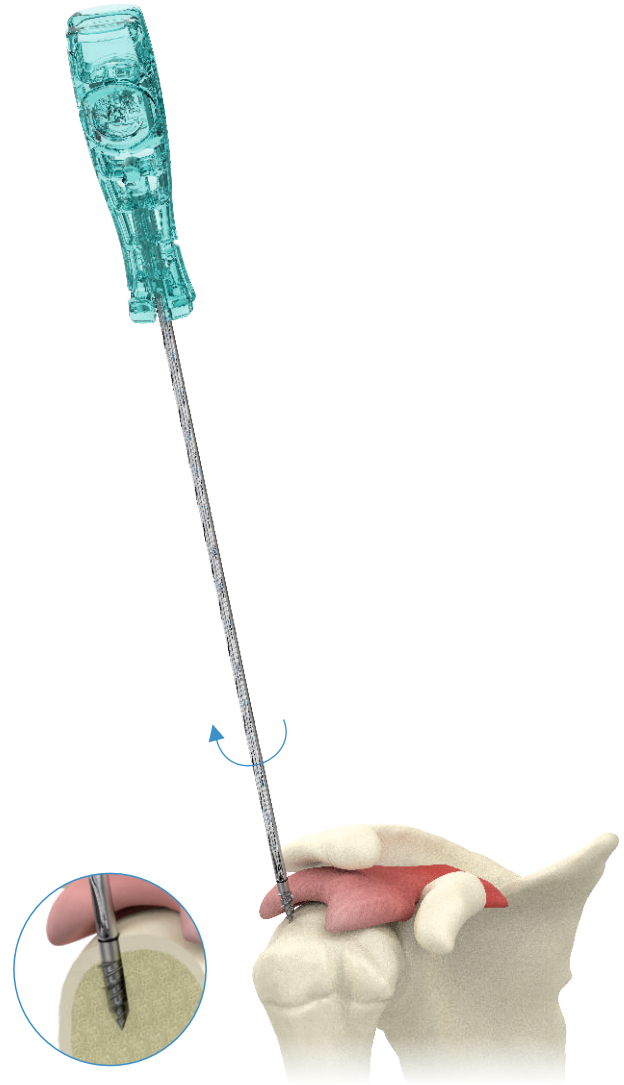
The rotator cuff footprint is prepared using the Rasp or Shaver, taking care not to completely decorticate bone.

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



Place the 5.0mm Titanium screw-in Anchor at a 45° on desired location in the superior humerus just lateral to the humeral cartilage.

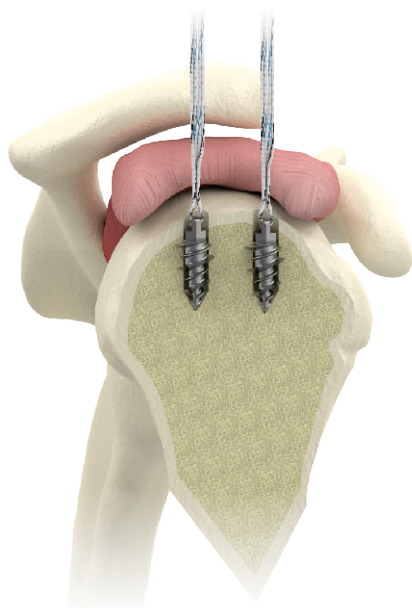
Tap the anchor slightly in using hammer to break the cortex and insert the tip of the anchor into the bone. Then screw-in the anchor in clockwise direction. Continue to advance anchor until the back of the anchor is 1-3mm below the surface of the bone as indicated by the distal end of the laser mark on the driver shaft.



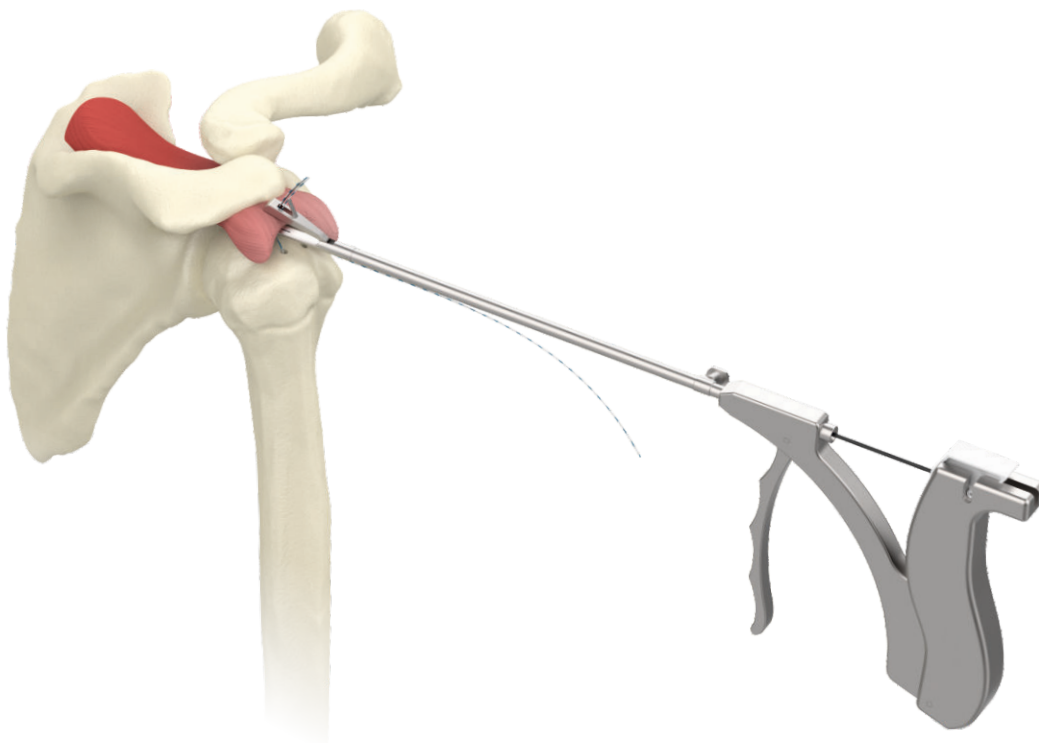
Once the anchor is fully seated into the bone, pull the round cap on the side of the handle. Then remove driver by twisting or pulling it. Confirm anchor is fully seated by direct visualization.



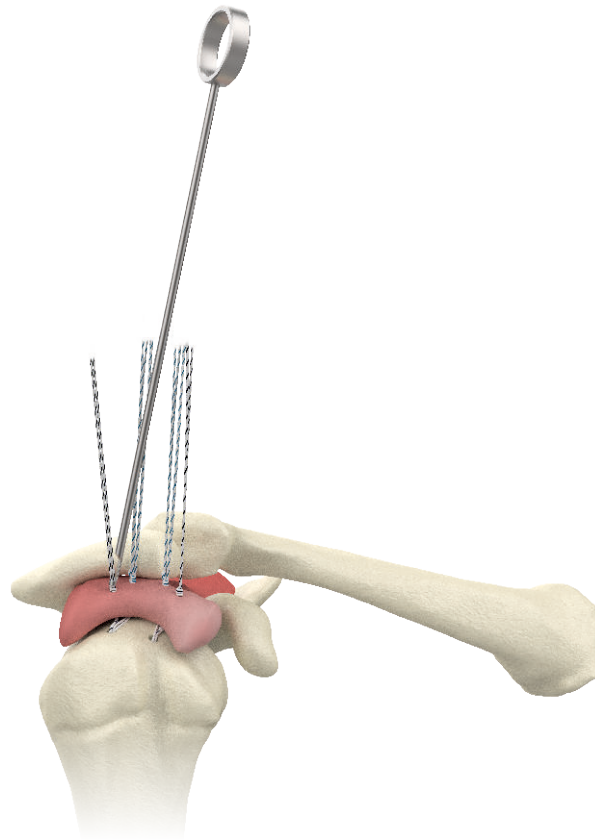
Repeat previous steps and insert the second 5.0mm Titanium screw-in Anchor.



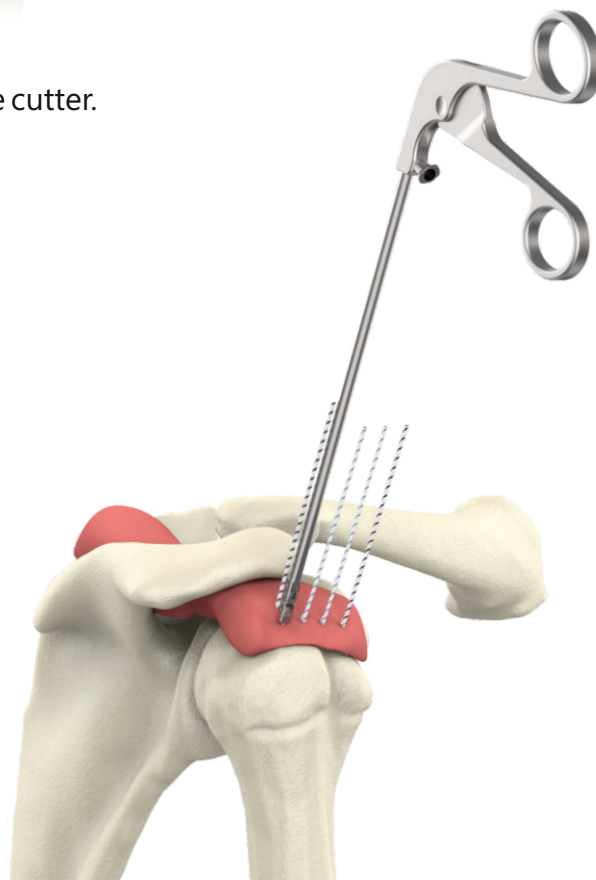
Beginning anteriorly, pass sutures through torn cuff tissue using Escorpion suture passer or surgeon's preferred method.














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
6-004-02	AUXILOCK [®] 5.0mm Titanium Screw-In Suture Anchor With Two #2 BioBraid: White/Blue & White/Black		
6-004-13	AUXILOCK [®] 5.0mm Titanium Screw-In Suture Anchor With Three #2 BioBraid: White, White/Blue & White/Black		
6-004-05	AUXILOCK [®] 5.0mm Titanium Screw-In Suture Anchor With Two #2 BioBraid: White & White/Blue, With Needles: MO-6		
6-004-04	AUXILOCK [®] 6.5mm Titanium Screw-In Suture Anchor With Two #2 BioBraid: White/Blue & White/Black		
6-004-06	AUXILOCK [®] 6.5mm Titanium Screw-In Suture Anchor With Two #2 BioBraid: White & White/Blue, With Needles: MO-6		
6-045-01	AUXILOCK [®] 5.0mm Twix Titanium Screw-In Suture Anchor With Two #2 BioBraid: White & White/Blue, With Needles: MO-6		
6-045-02	AUXILOCK [®] 6.5mm Twix Titanium Screw-In Suture Anchor With Two #2 BioBraid: White & 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



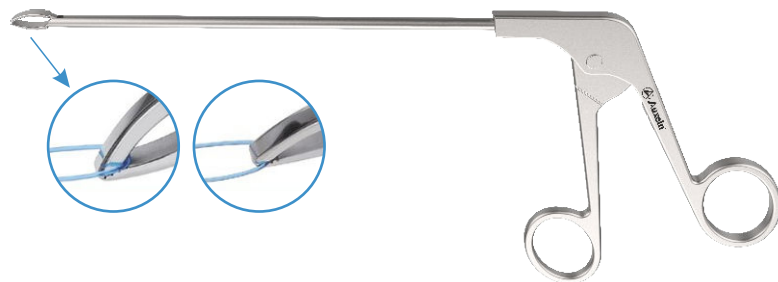
7-013-39 Ring Curette



7-013-40 Knot Pusher



7-013-41 Suture Retriever



7-013-42 Tissue Grasper



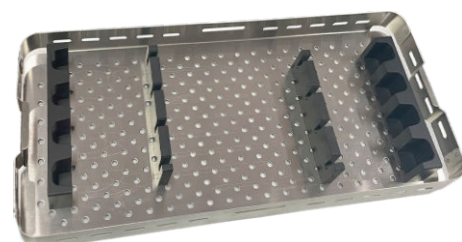
7-013-43 Suture Cutter/Knot Pusher
With Lock, Ø4.2mm,
V-Knotch, Left Opened



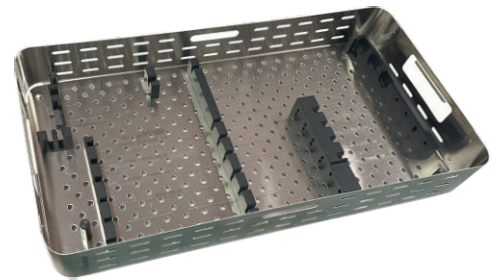
7-013-44 Hammer



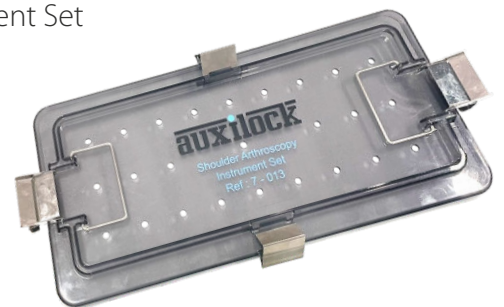
7-013-45 Tray For Shoulder Arthroscopy Instruments Set



7-013-46 Container For Shoulder Arthroscopy Instrument Set

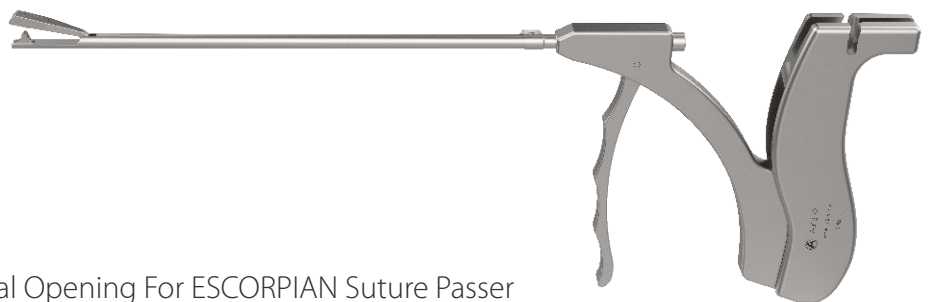


7-013-52 Lid For Container Shoulder Arthroscopy Instrument Set



OPTIONAL INSTRUMENTS

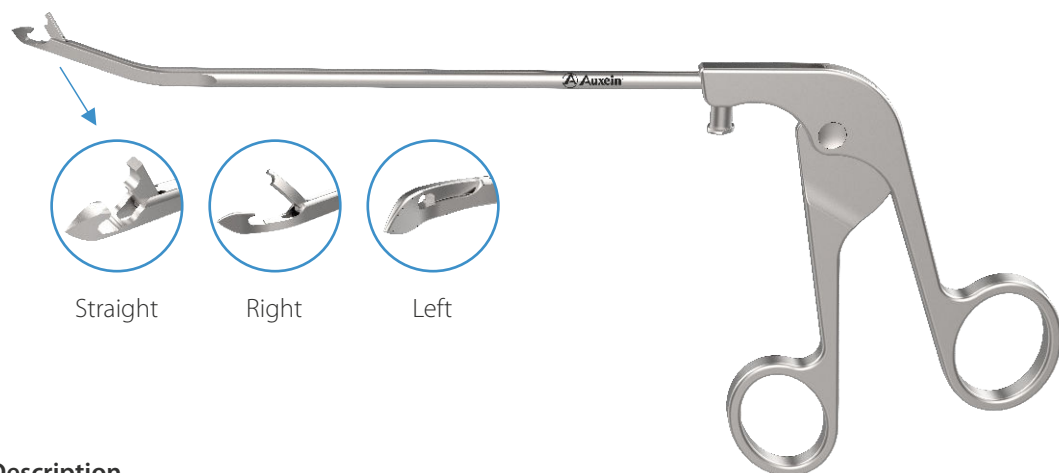
7-013-47 ESCORPIAN Suture Passer



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

