Xl-optima solutions Arthroscopy Solutions







XLO, established in 1992, has emerged as a pioneering force in the field of orthopaedic implants. The company is dedicated to enhancing patient outcomes and improving quality of life through innovative solutions in orthopaedics.

With a strong emphasis on quality and precision, *XLO a US FDA*, *CE*, *ISO13485*:2016, *WHO*:*GMP*, *ISO* 9001:2015 & *Indian FDA* has positioned itself as a leader in the design, development, and manufacturing of advanced orthopaedic implants.

XLO offers the most extensive range of Cementless & Cemented Joint Replacement Implants, Trauma Implants, 3d Printed Patient Specific Implants & Instruments along with Bone Cement with a state-of-the-art manufacturing facility located in New Delhi, India. This facility is equipped with advanced technology that supports the production of high-quality orthopaedic implants while adhering to strict regulatory standards.

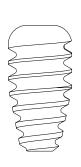
The company has established a pan-India presence, ensuring that its products are accessible across the country. Furthermore, XLO exports its innovative solutions worldwide, contributing significantly to global healthcare advancements in orthopaedics.



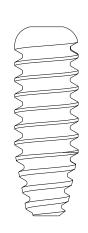












ACL Interferance Screw - Round Thread

- > Specifically designed for endoscopic femoral fixation where graft protection is needed.
- > Polished, fully radiused threads provide maximam graft protection.
- > Wide-bone cannulation for easy guide wire insertion and removal.
- > The Taper-Tip style offers sharper initiating threads and a more pronounced taper for faster, easier insertion.
- > Designed reduce the possibility of bone plug migration during placement.
- > Round head reduces possibility of graft damage during of after imlantation.
- > Universal screw for either tibial or femoral applications. Standard 4.5mm hex for easy insertion and removal.
- > Cannulated for use with a guide wire.
- > Material Titanium alloy.

| Code | Dia (Ø) | Length |
|--------------|---------|--------|
| ARS102.07.20 | 7mm | 20mm |
| ARS102.07.25 | 7mm | 25mm |
| ARS102.07.30 | 7mm | 30mm |
| ARS102.08.20 | 8mm | 20mm |
| ARS102.08.25 | 8mm | 25mm |
| ARS102.08.30 | 8mm | 30mm |
| ARS102.09.20 | 9mm | 20mm |
| ARS102.09.25 | 9mm | 25mm |
| ARS102.09.30 | 9mm | 30mm |
| ARS102.10.20 | 10mm | 20mm |
| ARS102.10.25 | 10mm | 25mm |
| ARS102.10.30 | 10mm | 30mm |
| ARS102.11.20 | llmm | 20mm |
| ARS102.11.25 | llmm | 25mm |
| ARS102.11.30 | llmm | 30mm |



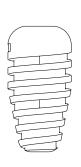




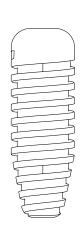












ACL Interferance Screw - Square Thread

- > Specifically designed for endoscopic femoral fixation where graft protection is needed.
- > Polished, fully radiused threads provide maximam graft protection.
- > Wide-bone cannulation for easy guide wire insertion and removal.
- > The Taper-Tip style offers sharper initiating threads and a more pronounced taper for faster, easier insertion.
- > Designed reduce the possibility of bone plug migration during placement.
- > Round head reduces possibility of graft damage during of after imlantation.
- > Universal screw for either tibial or femoral applications. Standard 4.5mm hex for easy insertion and removal.
- > Cannulated for use with a guide wire.
- > Material Titanium alloy.

| Code | Dia (Ø) | Length |
|--------------|---------|--------|
| ARS104.07.20 | 7mm | 20mm |
| ARS104.07.25 | 7mm | 25mm |
| ARS104.07.30 | 7mm | 30mm |
| ARS104.08.20 | 8mm | 20mm |
| ARS104.08.25 | 8mm | 25mm |
| ARS104.08.30 | 8mm | 30mm |
| ARS104.09.20 | 9mm | 20mm |
| ARS104.09.25 | 9mm | 25mm |
| ARS104.09.30 | 9mm | 30mm |
| ARS104.10.20 | 10mm | 20mm |
| ARS104.10.25 | 10mm | 25mm |
| ARS104.10.30 | 10mm | 30mm |
| ARS104.11.20 | llmm | 20mm |
| ARS104.11.25 | llmm | 25mm |
| ARS104.11.30 | llmm | 30mm |













Plain endo button without suture Loop

Code: ARS105



Features:

- > The 'BE-ON' BUTTON is the original endoscopic femoral SoD tissue fixation device.
- It can be used for single incision, soD tissue, or bone tendon- bone fixation.

Endo button with Continuous Loop Suture

| Code | Length |
|-----------|--------|
| ARS106.10 | 10mm |
| ARS106.15 | 20mm |
| ARS106.20 | 25mm |
| ARS106.25 | 30mm |
| ARS106.30 | 20mm |



Indication:

- > Solid fixation for either primary or auxiliary fixation in ACL or PCL reconstruction
- > Ideal for a post or screw and washer technique
- > Distal fixation allows circumferential healing of the ACL graD to tunnel wall
- Significantly enhances soD tissue apposition to bone to speed healing and strengthen the repair

- Promotes insertion site healing
- > Rests on the cortical bone surface
- > Strong cortical fixation
- > Provides dependable fixation regardless of cancellous bone quality
- > Provides tactile "flipping" feedack
- > Ensures proper seating of device
- > Hassel-free revision surgeries
- > Standard technique allows for endoscopic revision without lateral incision and bone removal
- > Most comprehensive line of femoral fixation solutions
- > Can be used in Single-Bundle soD tissue fixation; Double-Bundle soD tissue fixation; Bone-Tendon-Bone fixation



ACL fixation button

Code: ARS107

Features:

- ACL FlexRope offer four-point knotless locking system to provide cyclic displacement and high ultimate loads.
- > One size fits all.
- > No need to calculate implant size.
- > Easy and quick graD Loading.
- > Options for various graD types and a variety of surgical indications.
- > Convenient button flip visualization.

SUTURE DISK

Code: ARS108

Round Hole



Code: ARS109

'D' Type Hole



Features:

- > Titanium suture disk is for fixating graDs with sutures.
- > Used for tibial fixation of the ACL and PCL graD.
- Indirect extra-articular fixation of tibial and tibial-end of the graD.
- > Material- Titanium alloy.

SPIKE WASHER for 4.0mm Cacellous Screw

Code: ARS110

- > The low-profile screw and washer combination provides 31% to 50% lower profile than competitive versions.
- > Low profile cancellous screw & spiked washer set provide continuous strength for soD tissue fixation to bone.
- > Low profile head to reduce soD tissue irritation.
- > Can be used as a post screw for suture of soD tissue fixation.
- > Ideal for ACL, PCL, collateral ligament or posteriolateral reconstruction.
- Unique washer design with spikes on the inferior surface provides excellent fixation of soD tissue to bone.
- > Low profile cancellous screws available in diameter 4.0mm and 6.5mm, Spiked washers also available in small and large size accordingly.
- > Material- Titanium alloy

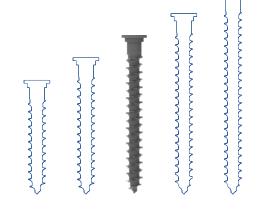






4.0mm Cacellous Screw

| Code | Length |
|-----------|--------|
| ARS111.30 | 30 |
| ARS111.35 | 35 |
| ARS111.40 | 40 |



Features:

- Low profile head to reduce soD tissue irritation.Can be used as a post screw for suture or soD tissue fixation
- > Ideal for ACL, PCL, collateral ligament or posteriolateral reconstruction.

SPIKE WASHER for 6.5mm Cacellous Screw

Code: ARS112

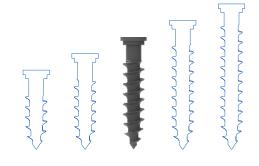
Features:

- > Spiked washer is design for Low profile cancellous screw
- > Spiked washer is used for Knee reconstruction procedures



Low Profile 6.5mm Cacellous Screw

| Code | Length |
|-----------|--------|
| ARS113.30 | 30mm |
| ARS113.35 | 35mm |
| ARS113.40 | 40mm |

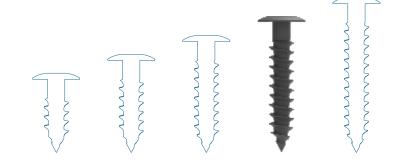


- Low profile head to reduce soD tissue irritation.Can be used as a post screw for suture or soD tissue fixation
- > Ideal for ACL, PCL, collateral ligament or posteriolateral reconstruction.



Tibia Post fixation Screw

| Code | Length |
|-----------|--------|
| ARS114.30 | 30mm |
| ARS114.35 | 35mm |
| ARS114.40 | 40mm |

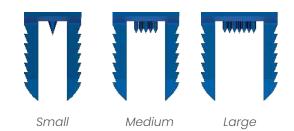


Features:

- > Used to securely trap attached sutures and bulky suture knots atraumatically under the low profile head to eliminate soD tissue irritation.
- > Available in diameter 6.5mm and lengths 30, 35 and 40mm.
- > Material- Titanium alloy.

ARTHROSCOPY Ligament Staple Spiked

| Code | Size |
|--------------|--------|
| BA115.SMALL | Small |
| BA115.MEDIUM | Medium |
| BA115.LARGE | Large |



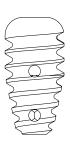
- > The staple fixation system provides a simple means of attaching tissue to bone.
- > Low-profile, wide staple base provides better load distribution.
- > Spike-post leg design encourages uninterrupted vascular flow to the underlying tissue.
- > Sharp leg points for easier penetration into cortical bone.
- > Two pronged implant for superior pull out strength.
- > Fixation staples are available in two sizes.
- Material- Titanium alloy.



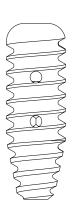
ACL Interferance Screw

- > ACL Interference Screw provides strong mechanical fixation for both bone patellar tendon-bone and soD tissue graDs in ACL and PCL reconstruction.
- > ACL Interference Screws feature a thread pattern that allows for a simple surgical technique with minimal tunnel preparation.
- > Non-absorbable ACL'M Interference screw incorporates VISTA PEEK polymer.
- > VISTA PEEK material exhibits an ideal combination of strength, sti ness and toughness which surpasses absorbable materials.
- > PEEK is a thermoplastic material with excellent biocompatibility and biostability characteristics as per ASTM F2026.
- > ACL Interference Screw offer the revision ability of an absorbable Screw.
- > PEEK has inherent radiolucent characteristics that have widely gained confidence and acceptance in the medical community.

| Code | Dia (Ø) | Length |
|--------------|---------|--------|
| ARS116.07.20 | 7mm | 20mm |
| ARS116.07.25 | 7mm | 25mm |
| ARS116.07.30 | 7mm | 30mm |
| ARS116.08.20 | 8mm | 20mm |
| ARS116.08.25 | 8mm | 25mm |
| ARS116.08.30 | 8mm | 30mm |
| ARS116.09.20 | 9mm | 20mm |
| ARS116.09.25 | 9mm | 25mm |
| ARS116.09.30 | 9mm | 30mm |
| ARS116.10.20 | 10mm | 20mm |
| ARS116.10.25 | 10mm | 25mm |
| ARS116.10.30 | 10mm | 30mm |
| ARS116.11.20 | llmm | 20mm |
| ARS116.11.25 | llmm | 25mm |
| ARS116.11.30 | llmm | 30mm |





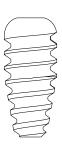




BIO-ACL Interferance Screw

- > BIO ACL was designed to fulfill two core aims: provide appropriate mechanical properties necessary for ligament reconstruction whilst ensuring a regulated resorption and osteo integration to form architectural bone through hydrolysis.
- > 75% PLDLLA & 25% BCP: the ideal ratio between the necessary mechanical resistance for the indication and the faculty to generate bone growth.
- > The thread is specific to each screw diameter so as to systematically provide the maximum amount of contact between implant and bone
- > Smooth thread to minimize damage on ligament
- > Graduated tapered design to optimize torque

| Code | Dia (Ø) | Length |
|--------------|---------|--------|
| ARS117.07.20 | 7mm | 20mm |
| ARS117.07.25 | 7mm | 25mm |
| ARS117.07.30 | 7mm | 30mm |
| ARS117.08.20 | 8mm | 20mm |
| ARS117.08.25 | 8mm | 25mm |
| ARS117.08.30 | 8mm | 30mm |
| ARS117.08.35 | 8mm | 35mm |
| ARS117.09.20 | 9mm | 20mm |
| ARS117.09.25 | 9mm | 25mm |
| ARS117.09.30 | 9mm | 30mm |
| ARS117.09.35 | 9mm | 35mm |
| ARS117.10.20 | 10mm | 25mm |
| ARS117.10.25 | 10mm | 30mm |
| ARS117.10.30 | 10mm | 35mm |
| ARS117.11.20 | llmm | 25mm |
| ARS117.11.25 | llmm | 30mm |
| ARS117.11.30 | llmm | 35mm |









Liftloop External

Code: ARS135

- > XLO presents patented LiDloop Femoral system combined with special knoted UHMWPE braided suture.
- > Adjustable Cortical Strap Implant eliminates to keep different sizes in stock.
- > Suitable for use in anatomical or traditional ACL techniques
- > Ease of use provides to finish operation in a short time without measuring the femoral tunnel.
- > LiDloop enables full femoral graD filling.
- > It has 2 pcs No. 5 UHMWPE pulling suture.
- > It should be narrowed by pulling from the external portal





Liftloop

Code: ARS134

- > XLO presents patented LiDloop Femoral system combined with special knotted UHMWPE braided suture.
- > Adjustable Cortical Strap Implant eliminates to keep di erent sizes in stock.
- > Suitable for use in anatomical or traditional ACL techniques
- > Ease of use provides to finish operation in a short time without measuring the femoral tunnel.
- > LiDloop enables full femoral graD filling.
- > It has 2 pcs No. 5 UHMWPE pulling suture





Double Liftloop

Code: ARS132

The double liD loop implant system for AC Common Reconstruction is, a low profile, knotless stitch fixing system with double liD loop technology. The four-strand continuous loop of #7 Fiber suture interlaced between two titanium buttons provides strong mechanical fixation while the acromioclavicular ligament disruptions heal. This technique provides a simple, reproducible, minimally invasive technique that can lead to rapid acute conversion of acromioclavicular joint stabilization and acute injury.





Small Double Liftloop

Code: ARS133

Syndesmosis double liD loop implant system is used to fix ankle fracture or all other ankle sendromes. Syndesmosis double liD loop implant system consist of 2 titanium buttons and a 2 Klotho Fiber suture. This implant provides physiological stabilization of the ankle muscle. It has been produced Low profile to help prevent soD-tissue irritation of the ankle. Double liDloop allows the completion of the operation in short time and strong fixation compared to the old techniques. The double liD loop is produced for lifetime and does not need to be removed.

Advantages of Syndesmosis double lift loop implant system:

- > Provides equivalent fixation force when compared to Syndesmosis screws.
- > Routine implant removal is unnecessary.
- > Supports rapid rehabilitation.
- > Allows physiological movements aDer fixation.
- > Small double liD loop, does not create stress on the fibula like syndesmos screws

> The special nodal technique also does not require nodalization during surgery and prevents node slippage aDer surgery





Mini Double Liftloop

Code: ARS146

Mini Double liD loop system for Halluks valgus is designed for fixation of lisfranc cuts, forearm deformities and such as barbellum and hallux varus. Mini Double liD loop structure (distal approach-proximal) is placed along the first and second metatarsal. When used alone or in combination with another procedure, this technique provides greater strength and security than with soD tissue repair alone. In addition, the mini double liD loop system is more technically simpler than the osteotomes. Halluks valgus consists of a mini double liD loop implant system, 2 titanium buttons and a # 2.0 Klotho Fiber suture.





Artro Probe

Bonetech Artro probe is Suitable for use in arthroscopic surgery It has the feature of coagulating, cutting and evaporating There are various degrees of tip angle. It has a self-handle feature



XI-optima solutions Arthroscopy Solution

FIBER TAPE

- > The Fiber Tape is an Adjustable fiber Loop for Attachable Button System that can be used for cortical fixation with Tibial base Plate over the Cortical bone.
- > The Adjustable Fiber loop can be used for the tibial fixation in all inside ACL-mechaniism for strong and stiff graD fixation

| Code | Description |
|---------|--|
| ARS1101 | 2.0 mm W x 225 mm L (White-Blue) |
| ARS1102 | 2.0 mm W x 990 mm L (White-Black) |
| ARS1103 | 1.6 mm W x 990 mm L (White-Blue) |
| ARS1104 | 2.0 mm W x 990 mm L (White-Blue) |
| ARS1106 | 1.4 mm W x 990 mm L (White-Blue) |
| ARS1107 | 1.4 mm W x 990 mm L (Blue) |
| ARS1108 | 1.4 mm W x 990 mm L (White-Black) |
| ARS1109 | 1.4 mm W x 990 mm L (White-Blue) with MO-6 Needle |
| ARS1110 | 1.4 mm W x 990 mm L (Blue) with MO-6 Needle |
| ARSIIII | 1.4 mm W x 990 mm L (White-Black) with MO-6 Needle |
| ARS1112 | 2.0 mm W x 990 mm L (White-Blue) with MO-6 Needle |
| ARSIII3 | 2.0 mm W x 990 mm L (White-Black) with MO-6 Needle |



Suture Anchor Plain

| Code | Dia (Ø) |
|-----------|---------|
| ARS119.24 | Ø2.4mm |
| ARS119.28 | Ø2.8mm |
| ARS119.30 | Ø3.0mm |
| ARS119.50 | Ø5.0mm |
| ARS119.65 | Ø6.5mm |



Suture Anchor Plain Dual Thread

| Code | Dia (Ø) |
|-----------|---------|
| ARS120.24 | Ø2.4mm |
| ARS120.28 | Ø2.8mm |
| ARS120.30 | Ø3.0mm |
| ARS120.50 | Ø5.0mm |
| ARS120.65 | Ø6.5mm |





ARTHROSCOPY Ligament Staple Spiked

| Code | Dia (Ø) |
|-----------|---------|
| ARS121.24 | Ø2.4mm |
| ARS121.28 | Ø2.8mm |
| ARS121.30 | Ø3.0mm |
| ARS121.50 | Ø5.0mm |
| ARS121.65 | Ø6.5mm |

- > Compresses the graD against the tunnel walls for 360° graD-to-bone contact.
- > Accommodates both single- and double-bundle reconstruction
- > procedures as well as primary and revision surgeries.
- > Available in five sizes to accommodate graD diameters from 2.4mm to 6.5mm







Shoulder Suture Anchor Dual Thread

| Code | Dia (Ø) |
|-----------|---------|
| ARS122.24 | Ø2.4mm |
| ARS122.28 | Ø2.8mm |
| ARS122.30 | Ø3.0mm |
| ARS122.50 | Ø5.0mm |
| ARS122.65 | Ø6.5mm |

- > Compresses the graD against the tunnel walls for 360° graD-to-bone contact.
- > Accommodates both single- and double-bundle reconstruction
- > procedures as well as primary and revision surgeries.
- > Available in five sizes to accommodate graD diameters from 2.4 mm to 6.5 mm







Shoulder Suture Anchor with needle

Loaded with one pc U Fiber with needle

| Code | Dia (Ø) |
|-----------|---------|
| ARS123.24 | Ø2.4mm |
| ARS123.28 | Ø2.8mm |
| ARS123.30 | Ø3.0mm |
| ARS123.50 | Ø5.0mm |
| ARS123.65 | Ø6.5mm |

- > Tremendous pull-out strength.
- > Self-drilling. A drill is available for use in hard bone if desired.
- > Preloaded with One USP #2 Biofiber in a single use sterile pack.
- > Also available in needled version.









Shoulder Suture Anchor with needle Dual Thread

Loaded with one pc U Fiber with needle

| Code | Dia (Ø) |
|-----------|---------|
| ARS124.24 | Ø2.4mm |
| ARS124.28 | Ø2.8mm |
| ARS124.30 | Ø3.0mm |
| ARS124.50 | Ø5.0mm |
| ARS124.65 | Ø6.5mm |

- > Tremendous pull-out strength.
- > Self-drilling. A drill is available for use in hard bone if desired.
- > Preloaded with One USP #2 Biofiber in a single use sterile pack.
- > Also available in needled version.









Internal Suture Anchor

| Code | Dia (Ø) |
|-----------|---------|
| ARS129.25 | Ø2.5mm |
| ARS129.30 | Ø3.0mm |
| ARS129.50 | Ø5.0mm |

- > Bonetech presents its screw anchors special sizes and reverse teeth structure for all open and arthroscopic ligaments repairing surgery.
- > Internal anchors special design not need screwing, Its nailed aDer the drilling process.
- > Its produced as an alternative of screw anchors.
- > The anchors are equipped with non-absorbable ultra high molecular weight polyethilene
- > suture and Its Disposable screw drivers designs for each sizes specially.
- > High molecular weight polyethylene has high traction Sutures and It shows high resistance to breakage.. it is produced with vibrant colors for easy selection during surgeon use in operation.





SoD Knot Anchor

| Code | Dia (Ø) |
|-----------|---------|
| ARS130.10 | Ø1.0mm |
| ARS130.15 | Ø1.5mm |
| ARS130.20 | Ø2.0mm |
| ARS130.25 | Ø2.5mm |
| ARS130.30 | Ø3.0mm |



- > Bonetech soD anchors is produced for mini open and arthroscopic
- > Bonetech soD knot anchors can be used without drill through the special driver design.
- > The implant, which consists of ultra-high molecular weight fiber suture, has a strong structure.





Shoulder Suture Anchor

| Code | Dia (Ø) |
|-----------|---------|
| ARS142.28 | Ø2.8mm |
| ARS142.30 | Ø3.0mm |
| ARS142.35 | Ø3.5mm |

Features:

The SOLID FIX™ Ligament anchors are available in a variety of sizing and suture options. The SOLID FIX™ is a non-absorbable PEEK suture anchor with a material eyelet which provides superior abrasion resistance due to PEEK's low coefficient of friction. Anchor insertion and delivery are made simple by drilling through a spear and inserting the anchor through the same spear into the drilled hole. SOLID FIX™ Ligament anchor is Tap-in/Bang-on anchor. It is available in 3 sizes, 2.8mm (single loaded), 3.0mm (double loaded) & 3.5mm (double loaded).





Ligament Anchor (PEEK, Knotless)

| Code | Dia (Ø) |
|-----------|---------|
| ARS141.28 | Ø 2.8mm |

Features:

The SOLID FIX™ Ligament anchor is available in Dia. of 2.8mm. The SOLID FIX™ is a nonabsorbable PEEK suture anchor with a material eyelet which provides superior abrasion resistance due to PEEK's low coefficient friction. The knotless technology of SOLID FIX™ Ligament anchor Provides a step-saving alternative to conventional "knotted" suture anchors and eliminates "knot stacks" associated with soft tissue irritation.





Ligament Anchor (PEEK) (Knotted for Primary or Medial row)

The SOLID FIX™ is a fully threaded suture anchor featuring dual threads to maximize cortical and cancellous fixation, has a covered saddle tip to protect the sutures and is cannulated to channel growth factors. The SOLID FIX™ anchor is manufactured with PEEK material which is a thermoplastic material with excellent biocompatibility and biostability characteristics.

- > Clinically Used for Primary or Medial Row Fixation
- > Fully threaded; Cancellous and cortical threads provide exceptional fixation strength
- > Broaching punch minimizes cortical stress fractures
- > Available in Double & triple loaded options
- > Enhanced tip thread profile for easy insertion
- > Provides initial fixation strength and stability
- > Technique-create hole using Punch or Punch / Tap, then screw-in the anchor
- > Available in 4.5mm and 5.5mm diameters
- > Available with fiber & fiber tape combination for greater footprint contact pressure on cuff.

| Code | Description |
|---------|---|
| ARS1301 | 2 pc Fiber, Ø4.5mm |
| ARS1302 | 3 pc Fiber, Ø4.5mm |
| ARS1303 | 2 pc Fiber, Ø5.5mm |
| ARS1304 | 3 pc Fiber, Ø5.5mm |
| ARS1305 | 2 pc Fiber with needle, Ø5.5mm |
| ARS1306 | 2 pc Fiber with needle, Ø4.5mm |
| ARS1307 | 1 pc Blue Fiber & 1 pc White-Blue Fiber Tape size 1.4, Ø4.5mm |
| ARS1308 | 1 pc White-Blue Fiber & 1 pc Blue Fiber Tape size 1.4, Ø4.5mm |
| ARS1309 | 1 pc Blue Fiber & 1 pc White-Blue Fiber Tape size 1.4, Ø5.5mm |
| ARS1310 | 1 pc White-Blue Fiber & 1 pc Blue Fiber Tape size 1.4, Ø5.5mm |





TENODESIS SCREW KNOTLESS

| Code | Dia (Ø) |
|-----------|---------|
| ARS143.50 | Ø5.0mm |
| ARS143.60 | Ø6.0mm |
| ARS143.70 | Ø7.0mm |
| ARS143.80 | Ø8.0mm |

Features:

The SOLID FIX™ Tenodesis implants are designed for all-arthroscopic proximal biceps tenodesis. The efficient system is designed to save steps and minimize the length of the procedure. The implants feature a unique PEEK tip that is used to steer the biceps tendon to the bottom of the bone socket without the need to externalize or whipstitch the tendon. There is no need to predetermine tendon length, as position and tension are easily set and visualized prior to final anchor insertion.

Strong fixation is obtained by simply advancing the preloaded SOLID FIX^{TMTM} Tenodesis Screw. The system also features Tenodesis Fluted Solid reamers with built-in guide tips that eliminate the need to ream over a guide pin.





Shoulder Suture Anchor - PEEK

| Code | Dia (Ø) |
|-----------|---------|
| ARS125.28 | Ø2.8mm |
| ARS125.30 | Ø3.0mm |
| ARS125.35 | Ø3.5mm |

Features:

- > Tremendous pull-out strength.
- > Self-drilling. A drill is available for use in hard bone if desired.
- > Preloaded with One USP #2 Biofiber in a single use sterile pack.
- Also available in needled version.

Shoulder Suture Anchor Knotless - PEEK

| Code | Dia (Ø) |
|------------|-------------------------|
| ARS126.T47 | Ø4.75mm (Titanium tip) |
| ARS126.P47 | Ø4.75mm (PEEK tip) |
| ARS126.T55 | Ø5.5mm (Titanium tip) |
| ARS126.P55 | Ø5.5mm (PEEK tip) |

Features:

- > Tremendous pull-out strength.
- > Self-drilling. A drill is available for use in hard bone if desired.
- > Preloaded with One USP #2 Biofiber in a single use sterile pack.
- > Also available in needled version.

2 USP

| Code | Dia (Ø) |
|------------|--------------------------|
| ARS127.90 | 90cm with Single Needle |
| ARS127.120 | 120cm with Double Needle |

- > Tremendous pull-out strength.
- > Self-drilling. A drill is available for use in hard bone if desired.
- > Preloaded with One USP #2 Biofiber in a single use sterile pack.
- Also available in needled version.





xl-optima solutions Arthroscopy Solution

Disposable Plastic Cannula

| Code | Dia (Ø) |
|-----------|---------|
| ARS128.07 | Ø7.0mm |
| ARS128.08 | Ø8.0mm |



Features:

- > Bonetech o ers a transparent rigid disposable cannula system for use in all arthroscopic surgeries.
- > Disposable plastic cannula can be easily inserted with its ergonomic pusher, Strong and waterproof design
- > Seams and buttons can be easily checked in its transparent polycarbonate body.
- > It is produced in di erent colors according to the sizes.

Strong Stitch Single Suture

Code: ARS136



Features:

Strong Stitch Single Suture system specifically designed for inside-out meniscal repair procedures It has #2/0 high strength suture conveniently pre-attached. Meniscal repair needles are made of flexible nitinol. Double-arm meniscal repair needles are made of stainle sssteel, and are ultra thin and strong, yet flexible for easy passage.

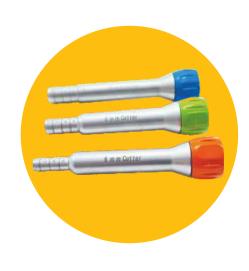
Block Fix

Features:

Block fix product is designed surgically treat full thickness femoral articular cartilage lesions via autograD or allograD transplantation. it's completely disposable.

Blockfix product is designed for open or arthroscopic procdure. it has 3 different sizes.

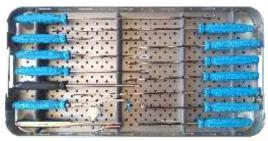


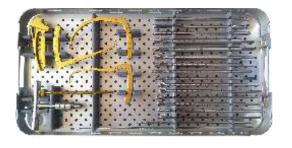


xl-optima solutions Instruments

| Ref. No | Description |
|------------------|---|
| BAI.01 | Main Zig |
| BAI.02 | ACL Elbow Aimer |
| BAI.03 | PCL Femoral |
| BAI.04 | PCL Tibia |
| BAI.05 | Angle Bullete |
| BAI.06 | Graft Passing 2.4mm Drill bit |
| BAI.07 | Graft passing pin (beadth pin) |
| BAI.08 | Cannulated Tibia Reamer, Dia 6.0 mm |
| BAI.09 | Cannulated Tibia Reamer, Dia 7.0 mm |
| BAI.10 | Cannulated Tibia Reamer, Dia 8.0 mm |
| BAI.11 | Cannulated Tibia Reamer, Dia 9.0 mm |
| BAI.12 | Cannulated Tibia Reamer, Dia 10.0 mm |
| BAI.13 | Cannulated Tibia Reamer, Dia 11.0 mm |
| BAL14 | Cannulated femoral flwertip reamer, Ø6.0mm |
| BAI.15 | Cannulated femoral flwertip reamer, Ø7.0mm |
| BAI.16 | Cannulated femoral flwertip reamer, Ø8.0mm |
| BAI.17 | Cannulated femoral flwertip reamer, Ø9.0mm |
| BAI.18 | Cannulated femoral flwertip reamer, Ø10.0mm |
| BAI.19 | Cannulated femoral flwertip reamer, Ø11.0mm |
| BAI.20 | Cannulated Endoscopic Reamer Ø4.5mm |
| BAI.21 | Depth Gauge for ACL/PCL reconstruction |
| BAI.22 | Femoral Aimer 5mm |
| BAI.23 | Femoral Aimer 7mm |
| BAI.24 | Tunnel Plug 7–8 mm |
| BAI.25 | Tunnel Plug 8-9mm |
| BAI.26 | Tunnel Plug 9-10mm |
| BAI.27 | Tunnel Dilator 7mm |
| BAI.28 | Tunnel Dilator 8mm |
| BAI.29 | Tunnel Dilator 9mm |
| BAI.30 | T-handle for tunnel dilator |
| BAI.31 | Cannulated Screw driver for biolock screw |
| BAI.32 | Impactor for spiked ligament staple |
| BAI.33 | Arthrosopic Probe |
| BAI.34 | Microfracture Awl, 30 |
| BAI.35 | Microfracture Awi, 30 Microfracture Awi, 45 |
| BAI.36 | Microfracture Awi, 45 Microfracture Awi, 90 |
| | · · · · · · · · · · · · · · · · · · · |
| BAL37 | Graft Prep Station |
| BAI.38 BAI.39 | Graft Sizing Block |
| | Tendor Stripper, Closed end, 6mm |
| BAI.40 | Tendor Stripper, Closed end, 7mm |
| BAI.41 | Straight Rasp |
| BAI.42 | Convex Rasp |
| BAI.43 | Femoral PCI Elevator |
| BAI.44 | Instrument Box |

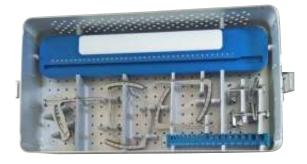






xl-optima solutions Instruments

| Ref. No | Description |
|---------|--|
| P401.01 | Main Zig |
| P401.02 | ACL Elbow Aimer |
| P401.03 | PCL Femoral |
| P401.04 | PCL Tibia |
| P401.05 | Angle Bullete |
| P401.06 | Guide Needle 1.2mm |
| P401.07 | Guide Pin 2.5mm |
| P401.08 | Flat shovel |
| P401.09 | Cannulated Tibia Reamer, Ø5.0mm |
| P401.10 | Cannulated Tibia Reamer, Ø6.0mm |
| P401.11 | Cannulated Tibia Reamer, Ø7.0mm |
| P401.12 | Cannulated Tibia Reamer, Ø8.0mm |
| P401.13 | Cannulated Tibia Reamer, Ø9.0mm |
| P401.14 | Cannulated Tibia Reamer, Ø10.0mm |
| P401.15 | Cannulated femoral flwertip reamer , Ø5.0mm |
| P401.16 | Cannulated femoral flwertip reamer , Ø6.0mm |
| P401.15 | Cannulated femoral flwertip reamer , Ø7.0mm |
| P401.18 | Cannulated femoral flwertip reamer , Ø8.0mm |
| P401.19 | Cannulated femoral flwertip reamer , Ø9.0mm |
| P401.20 | Cannulated femoral flwertip reamer , Ø10.0mm |
| P401.21 | Cannulated Endoscopic Reamer dia 4.5mm |
| P401.22 | Femoral Aimer 5mm |
| P401.23 | Femoral Aimer 7mm |
| P401.24 | Tunnel Plug 7-8 mm |
| P401.25 | Tunnel Plug 8-9mm |
| P401.26 | Tunnel Plug 9-10mm |
| P401.27 | Tunnel Dilator 7mm |
| P401.28 | Tunnel Dilator 8mm |
| P401.29 | Tunnel Dilator 9mm |
| P401.30 | T-handle for tunnel dilator |
| P401.31 | Cannulated Screw driver for biolock screw |
| P401.32 | Impactor for spiked ligament staple |





xl-optima solutions Instruments

| Ref. No | Description |
|---------|---|
| P402.01 | Main Zig |
| P402.02 | ACL Elbow Aimer |
| P402.03 | PCL Femoral |
| P402.04 | PCL Tibia |
| P402.05 | Angle Bullete |
| P402.06 | Guide Needle 1.2mm |
| P402.07 | Guide Pin 2.5mm |
| P402.08 | Flat shovel |
| P402.09 | Cannulated Tibia Reamer, Ø5.0mm |
| P402.10 | Cannulated Tibia Reamer, Ø6.0mm |
| P402.11 | Cannulated Tibia Reamer, Ø7.0mm |
| P402.12 | Cannulated Tibia Reamer, Ø8.0mm |
| P402.13 | Cannulated Tibia Reamer, Ø9.0mm |
| P402.14 | Cannulated Tibia Reamer, Ø10.0mm |
| P402.15 | Cannulated femoral flwertip reamer , Ø5.0mm |
| P402.16 | Cannulated femoral flwertip reamer , Ø6.0mm |
| P402.15 | Cannulated femoral flwertip reamer , Ø7.0mm |
| P402.18 | Cannulated femoral flwertip reamer , Ø8.0mm |





| Ref. No | Description |
|---------|-----------------------------|
| E802.01 | Shoulder Aminig Tool Handle |
| E802.02 | Guide Needle 1.1mm |
| E802.03 | Guider Right |
| E802.04 | Guider Left |
| E802.05 | Guider 3.2 |
| E802.06 | Cannulated Guider |
| E802.07 | Cannulated Driil Bit 2.4mm |
| E802.08 | Cannulated Driil Bit 3.0mm |
| E802.09 | Instrument Box |







33 Years of Dedication

ORTHO LIFE SYSTEMS PVT. LTD.

Corporate Office & Works: D-111, Okhla Industrial Area, Phase 1, New Delhi-110020, India
Sales Office: 49, Church Road, Bhogal, Jangpura, New Delhi-110014, India
Phone: +91-11-41324393, 42851229 | Toll Free: 1800 121 1190 | Email: info@xlo.in | Web: www.xlo.in