

 medifit

**ArtroFit**



## KNEE ARTHROSCOPY

### ECO BUTTON CL



New CL construct: Continuous loop of suture braid eliminates the need for knot tying and allows for a larger portion of graft to reside in the tunnel.

Efficient: Preloaded with braided sutures (#5 Bio fiber, green as leading suture & #5 polyester, white as flipping suture) for added procedure efficiency.

- Greater strength: Tested for UTS-Ultimate Tensile Strength which meets or exceeds 1500N. Highest failure load compared to competitive technologies.

- Accommodates various graft lengths: One size titanium button is available with multiple pre-measured loop sizes of 10, 12, 15, 20, 25, 30, 35 mm lengths.

- Truly endoscopic procedure: Does not require second incision.

- 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 graft to tunnel wall.

- Significantly enhances soft tissue apposition to bone to speed healing and strengthen the repair.

- Clinically Proven: Supported by over 20000 cases of clinical success all over India and abroad.

Promotes insertion site healing

Rests on the cortical bone surface.

Strong cortical fixation

Provides dependable fixation regardless of Cancellous bone quality.

Provides tactile "flipping" feedback

Ensures proper seating of device.

Hassle-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 soft tissue fixation;

Double-bundle fixation soft tissue fixation;

Bone-tendon-bone fixation.

## KNOTLESS ROPE



The ACL Adjustable Loop has revolutionized cortical fixation by allowing intraoperative adjustability of cortical fixation while providing a stiff, strong construct due to the proprietary four-point locking system:<sup>1,2</sup> The Adjustable Loop provides another option which allows the surgeon to adjust the implant by pulling tensioning strands in the same direction of graft advancement. This innovation eliminates the need to retrieve shortening strands from the joint and allows the surgeon to pull in line with graft advancement.

## INTERFERENCE SCREWS, CANNULATED

PEEK Interference Screws provide strong mechanical fixation for both bone patellar tendon-bone (BTB) and soft tissue grafts in ACL and PCL reconstruction.

- PEEK Interference Screws feature a thread pattern that allows for a simple surgical technique, with minimal tunnel preparation.
- Non-absorbable -PEEK interference screw incorporates polymer material that exhibits an ideal combination of strength, stiffness and toughness which surpasses absorbable materials.
- PEEK (Poly-Ether-Ether-Ketone) is a thermoplastic material with excellent biocompatibility and biostability characteristics as per ASTM F2026.
- PEEK interference screws offer the revision ability of an absorbable screw.
- PEEK has inherent radiolucent characteristics that have widely gained confidence and acceptance in the medical community. PEEK Interference screw, cannulated.



Dia. 6.0mm x Len. 25mm, Sterile  
Dia. 7.0mm x Len. 25mm, Sterile  
Dia. 7.0mm x Len. 30mm, Sterile  
Dia. 8.0mm x Len. 25mm, Sterile  
Dia. 8.0mm x Len. 30mm, Sterile  
Dia. 9.0mm x Len. 25mm, Sterile  
Dia. 9.0mm x Len. 30mm, Sterile  
Dia. 10.0mm x Len. 25mm, Sterile  
Dia. 10.0mm x Len. 30 mm, Sterile



## TITANIUM INTERFERENCE SCREWS, CANNULATED



Specifically designed for endoscopic femoral fixation where graft protection is needed.

- Polished, fully radius threads provide maximum graft protection.
- Wide-bore cannulation for easy guide wire removal.
- The Taper-Tip style offers sharper initiating threads and a more pronounced taper for faster, easier insertion.
- Designed to reduce the possibility of bone plug migration during placement.
- Round head reduces possibility of graft damage during or after implantation.
- 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

Dia. 7.0mm x Length. 20mm, 25mm, 30mm,35mm

Dia. 8.0mm x Length. 20mm, 25mm, 30mm,35mm

Dia. 9.0mm x Length. 20mm, 25mm, 30mm,35mm

Dia.10.0mm x Length. 20mm, 25mm, 30mm,35mm

Dia.11.0mm x Length. 20mm, 25mm, 30mm,35mm

## LOOP WASHER



The Adjustable Loop Attachable Button System is a two-piece implant that facilitates implant passing through narrow bone tunnels, while allowing increased cortical fixation with the assembly of a large button over the cortical bone. The Loop Washer may be used for tibial fixation of the Graft for all-inside ACL reconstruction technique, or for fixation of the graft over small bone tunnels created during transtibial ACL reconstruction.

## ECO BUTTON



The titanium button is the original endoscopic femoral soft tissue fixation device.

It can be used for single incision, soft tissue, or bone-tendon-bone fixation.

## LOW-PROFILE CANCELLOUS SCREWS SPIKED WASHERS



The low-profile screw and washer combination provides 31% to 50% lower profile than competitive versions.

- Low profile cancellous screw and spiked washer set provide continuous strength for soft tissue fixation to bone.
- Low profile head to reduce soft tissue irritation.
- Can be used as a post screw for suture or soft tissue fixation.
- Ideal for ACL, PCL, collateral ligament or posterio lateral reconstruction.
- Unique washer design with spikes on the inferior surface provides excellent fixation of soft 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.

Spike Washer for 4.0mm cancellous screw Spiked washer for 6.5mm cancellous screw Cancellous screw Dia 4mm & 6.5mm

30mm,35mm,40mm,45mm,50mm,55mm,60mm.

## SPIKED LIGAMENT STAPLES



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.

## TIBIAL POST FIXATION SCREWS



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

Dia.6.5mm,Length.30mm

## SUTUREFIX TIBIAL BASE PLATES



Used for tibial fixation of the ACL and PCL graft.

- Indirect extra-articular fixation of tibial and tibial-end of the graft.
- Material -Titanium alloy

Available in two versions-round hole and D-hole.



## LOC DRILL GUIDE SYSTEM



Highly precise drill guide available for cruciate reconstruction-The OcLoc Drill Guide conforms to each patient's anatomy, offering surgeons flexibility, accuracy and control. The OcLoc Drill Guide is compact, for easier handling and added control. It was designed not only to fit comfortably in the surgeon's hand, but to accommodate the full spectrum of knee anatomy.

The key features of the OcLoc Drill Guide are:

- A dovetail arm design.
- An ergonomic guide handle precisely fitted for the surgeon's hand.
- Simple locking mechanism for one-handed operation of the guide.
- Light-weight and compact for added control.
- A bullet for engaging the cortex more consistently and securely.
- A rectangular guide arm cross section that is more rigid than round cross section designs.

### OcLoc Drill Guide System Set Components

OcLoc Drill Guide: Our most rigid, accurate guide. Designed for easy, single-handed placement.

OcLoc ACL Elbow Aimer: For drilling to the laser mark at the aimer's elbow;

useful when the ACL stump is not removed from posterior capsule during guide wire drilling.

OcLoc PCL Femoral Aimer: For outside in drilling with medial incision. Rigid design along with calibrated tip results in consistent, accurate guide wire placement; hoop tip provides a visual reference

for the diameter of the fully reamed tunnel, helping avoid tunnel encroachment on the articular surface.

OcLoc Angled Bullet: Tip angle matches the engagement angle of the OcLoc Drill Guide on the tibia for secure placement.

Total Drill Guide Contents:

## DRILL BIT PASSING PINS / GRAFT PASSING GUIDE PINS



The pins are used as guide wires for making the tibial and femoral tunnels in ACL surgeries.

## CANNULATED FEMORAL REAMERS



Suited for an endoscopic ACL technique whereby the femoral tunnel is reamed from inside-out while minimizing the risk of injury to the PCL.

Drill bit shaft is etched with depth marks on three sides for easy identification of bone tunnel depth.

Facilitates open femoral tunnel preparation and in-line tunnel reaming for endosteal fixation procedures.

Head profile permits easy withdrawal from bone tunnels.

Available in diameters ranging from 6mm to 12mm with difference of 0.5mm

## ENDOSCOPIC REAMER FOR OC BUTTON CL



Endoscopic Reamer for OC button CL, cannulated For making the passing tunnel in ACL surgeries using OC button CL and Interference screws.

Cannulated Endoscopic Reamer, dia.4.5mm

## DEPTH GAUGE FOR ACL /PCL RECONSTRUCTION



Depth Gauge is used to measure the total length of the femoral channel.ACL surgeries.



## CANNULATED TIBIAL REAMERS



Used for drilling bone tunnels in ACL and PCL reconstruction procedures.

- Cannulated for use with a 2.4mm drill tip guide pin.
- Graduated depth marks on three sides for easy identification of bone tunnel depth.
- Available in diameters ranging from 6mm to 12mm with difference of 0.5mm

## TRANSTIBIAL / TRANSPORTAL FEMORAL AIMERS



Used in ACL reconstruction to create the portal socket in order to place the graft passing pin.

Available for placing the graft passing pin through transtibial or transportal or anteromedial portals.

## CANNULATED SCREWDRIVER FOR INTERFERENCE SCREWS



Cannulated for ease of use with guide wires.  
PEEK & TITANIUM SCREWS

## IMPACTOR FOR OC STAPLE



Used in ACL reconstruction for impaction of spiked ligament staples

## TENDON STRIPPERS, CLOSED / OPEN



- For safe retrieval of semitendinosus and gracilis tendons for ACL and PCL reconstruction procedures.
- Allows for full thickness tendons to be harvested without damage to surrounding soft tissue
- Closed design allows full, 360° enclosure for the tendon.
- Allows the hamstring tendons to be harvested proximally without detaching them from the tibia.
- The diameter of the stripper is large enough to accommodate the broadest semitendinosus tendon and the tip is sufficiently dull to prevent premature amputation of the graft.
- Available in closed and open versions.

## FEMORAL PCL ELEVATOR



- Sharp elevator tip elevates the PCL & periosteum from the bone when used in the fore/aft plane.
- Blunt elevator sides open the posterior compartment when used in a rotational motion.
- Wire capture hole secures the wire while reaming the tibial tunnel, protecting the neurovascular structures from the drill tip as it exits the posterior cortex.

## MICROFRACTURE AWLS



- Allow the creation of localized vascular access channels in chondral defects.
- Used for chondral resurfacing.
  - Also useful to mark intended drill sites in all ACL/PCL procedures.
  - Available in various angles

## TUNNEL DILATORS / T -HANDLE FOR TUNNEL DILATORS



Used to expand tibial and femoral tunnels while compressing the cancellous bone without drilling.

- Tapered ends allow for easy insertion and removal of the dilators from the femoral or tibial tunnel.
- Full radiused depth marks in 5mm increments.
- T-Handle-ergonomic styling allows for an easy grip and manoeuvrability ; built in locking quick connector; allows for easy intraoperative changing, as well as minimizing the potential for the units to separate during use.

## TUNNEL PLUGS



Help to control fluid loss while providing a sealed instrumental portal.

Made of Aluminium.

Available in sizes

## ARTHROSCOPIC PROBES



Ergonomically designed calibrated probe allows the surgeon to accurately quantify pathology.

- Unique handle gives a firm grip and aid in instrument control.
- All straight probes have etched graduations in 5mm increments.
- Probes are limited-reuse and may be disinfected, steam autoclaved or ethylene oxide sterilized



## GRAFT PREP STATION



This fully modular system plays a key role during ACL and PCL reconstructive surgeries to prepare soft tissue and bone tendon-bone autografts or allografts like patellar tendon, quadriceps tendon, semi-tendinosus and gracilis tendons. The system allows the surgeon to interchange the various components to clean, whip stitch, measure, pre-tension, or add a fixation device. The sizing block, sold separately, can accommodate grafts from 6 to 12mm increments. The Tension Clamp helps in pre-tensioning of the graft for those surgeons who feel it is necessary for satisfactory post-op results. The Graft Clamps are designed to act as an extra set of hands and incorporate atraumatic teeth to prevent damage to the graft.

## GRAFT SIZING BLOCK & COMBINED SIZING BLOCK



Available in two versions.

For 6mm to 12mm (6/7/8/9/10/11/12mm)

For 6.5mm to 12.5mm (6.5/7.5/8.5/9.5/10.5/11.5/12.5mm).

Jointly (6-7-8-9-10-11-12)

## STRAIGHT / CONVEX RASPS



Bone shaping devices especially suited for notchplasties.

- Available in various shapes and sizes. (straight/convex)

## NOTCHPLASTY CURETTE



Designed specifically to facilitate the removal of soft tissue and bone from the notch during notchplasty

4mm

3mm

An anatomical illustration of a human shoulder joint, showing the humerus, scapula, and clavicle. A surgical instrument is shown inserted into the joint, with a blue glow around the insertion point. In the upper left, another surgical instrument is shown with a blue tube attached.

## SHOULDER ARTHROSCOPY

### OSTEOCUFF SUTURE ANCHORS (TITANIUM) ROTATOR CUFF



OSTEOCUFF ANCHORS design incorporates a cancellous thread with a very small core diameter to maximize pull-out strength in cancellous or osteopenic bone. Each comes with two # 2 OCfiber sutures of contrasting colors to maximize soft tissue fixation and allow suture identification. The anchors have two suture eyelets to minimize the possibility of having the second suture lock after the first suture is tied.

Available in 5.0mm and 6.5mm diameters with color-coded anchors and high strength UHMWPE OCfibers.

#### Key Features

- Ideal for mini-open rotator cuff repair procedures.
- Anchors made of Ti 6Al-4V ELI Titanium Alloy.
- Multiple OCfibers disperse load over more of the tendon
- Independent OCfiber channels reduce suture binding
- Needlepoint tip permits atraumatic hand insertion through soft tissue.
- Anchor's wide threads and small core optimize bone purchase.
- Self tapping design
- Fully-threaded anchor body increases resistance to pull-out.
- Laser etched markings on the drivers for insertion depth and suture orientation

## OSTEOBANK SUTURE ANCHORS (TITANIUM) BANKART REPAIR



The OSTEOBANK suture anchors are titanium anchors available in 2.8mm and 3.0mm diameters and come preloaded with USP #2 • OC Fiber suture. In most cases, the implant can be manually inserted using the handled version. A drill is available for use in hard bone if desired. For arthroscopic applications, the anchor can be inserted through the small diameter spear eliminating the need for a cannula. This is ideal for SLAP and subscapularis repairs where a small stab incision and percutaneous delivery of the implant is preferred.

### Key Features

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

## HEALFIX SUTURE ANCHOR(KNOTLESS FOR LATERAL ROW)



The Healfix is a fully-threaded, knotless anchor designed for use with OC Fiber suture in rotator cuff repair using the bridge techniques. It provides maximum pull-out and insertion strength while saving time.

The simple knotless technique consists of passing sutures or tapes through tissue, loading them through the closed eyelet which is then inserted into a bone socket. Tension is visualized, adjusted and locked into position with the anchor body. Anchor is cannulated and vented to minimize material and to allow for potential bony ingrowth. The anchor is available in 5.5mm diameter, and PEEK material which is a thermoplastic material with excellent biocompatibility and biostability characteristics.

The 5.5mm twist-in knotless anchor. The anchor is available with a PEEK body and a PEEK eyelet. The ANCHOR can be used as the lateral row anchor in bridge techniques.

HealFix suture anchor, knotless, dia.5.5mm, Sterile

Related Instrumentation

Punch / Tap for HealFix LR

Punch for HealFix LR



## TISSUE ELEVATORS



- Used in arthroscopic instability repair for tissue release from glenoid rim.
- Available in "up" and "down" versions.

## GLENOID RASPS



- Used in arthroscopic instability repair for debridement and glenoid rim preparation.
- Available in "up" and "down" versions.

## FISH MOUTH SLEEVE TROCAR



For arthroscopic applications, the anchor can be inserted through the small diameter Spear eliminating the need for a cannula. Ideal for SLAP and subscapularis repairs where a small stab incision and percutaneous delivery of the implant is preferred. Removable trocar and fish-mouth tip allows precise control and accurate anatomical placement of the anchors on the glenoid rim, in one simple step.

The small diameter shaft with trocar facilitates percutaneous placement of anchors without the use of a cannula for SLAP repairs or a direct approach through the subscapularis.

## RING CURETTE



- For shoulder mini-open and arthroscopic procedures.

## KNOT PUSHER



Modified handle that provides an ergonomic feel.  
Modified distal tip for easier advancement of slipknots and halfhitches.

## CANNULA INTRODUCER



Reusable obturator available in various diameters.

## SWITCHING STICK



Ideal for maintaining proper portal sites.  
Can be used at both ends.  
Available in non- cannulated version

## CROCHET HOOK



A simple tool that performs well in tight spaces to retrieve suture loops during arthroscopic Bankart, SLAP, rotator cuff, or any suturing procedure.

The smooth tip prevents abrasion of suture strands.

Ergonomic knurled handle facilitates instrument manipulation in the wet arthroscopic environment.

The push-pull design was designed to push suture knots and/or retrieve suture with the same instrument

## ORTHO OSTEOWIRE

Ortho OSTEOWIRE Fiber. Under the guidance of our adroit experts, this fiber is processed by utilizing long chain linear polyethylene. This fiber is widely demanded by doctors in arthroscopic surgery. Before dispatching, this fiber is tested by our quality inspectors on numerous parameters. Moreover, customers can avail this Ortho OSTEOWIRE Fiber from us at affordable prices.

### Features:

- Easy and safe to use
- High in flexibility
- Unique braid construction design



### Other Info:

OSTEOWIRE fiber is a braided sterile surgical suture prepared from fibres of ultra high molecular weight, long chain linear polyethylene. OSTEOWIRE fiber sutures elicit a minimal of inflammatory reaction in tissues, followed by gradual encapsulation of the suture by the fibrous tissue. OSTEOWIRE fiber suture is non-absorbable and there are no significant changes in tensile strength retention known to occur in vivo. OSTEOWIRE fiber Suture is preloaded on many Osteo Suture Anchors that have #2 sutures. OSTEOWIRE fiber represents a major advancement in arthroscopic surgery.

Excellent strength: 10 times stronger than steel on a weighted basis.

10 times more abrasion resistance when compared to polyester.

Unique braid construction design for better handling and more secure knots.

Vibrant tracer colours with triaxial pattern design for enhanced visibility.

Available in white; white/blue; white/black colours

## SHAVER BLADE



SHAVER BLADE COMPATIBLE TO ALL LEADING SHAVERS