ARTHROSCOPY
Biotek offers a complete line of knee arthroscopy products working in conjunction with some of the industry’s most innovative surgeons. We focus our research and development efforts on technique-specific devices for Cruciate and Meniscal Reconstruction and repair systems, Graft Harvesting, Tunnel Preparation, Implants as well as Meniscal associated accessories.

**IMPLANTS**

**Onbutton**
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.
- Cat No. BAK-7001

**Onbutton CL**
- Solid fixation for either primary or auxiliary fixation in ACL or PCL reconstruction.
- Continuous loop of suture eliminates the need for knot tying. 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.
- BAK-7001C.15 - 15mm  
  BAK-7001C.20 - 20mm  
  BAK-7001C.25 - 25mm  
  BAK-7001C.30 - 30mm  
  BAK-7001C.35 - 35mm  
  BAK-7001C.40 - 40mm

**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 posteriolateral 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.
- BAK-7129.30S - Dia.4.0mm,Len.30mm  
  BAK-7129.35S - Dia.4.0mm,Len.35mm  
  BAK-7129.40S - Dia.4.0mm,Len.40mm  
  BAK-7001C.25 - 25mm  
  BAK-7001C.30 - 30mm  
  BAK-7001C.35 - 35mm  
  BAK-7001C.40 - 40mm

**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.
- BAK-7011.30S - Dia.6.5mm,Len.30mm

**STAYFIX 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.
- BAK-7013S - Small  
  BAK-7015S - Large
**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.
- Available in two versions-round hole and D-hole.
- Material – Titanium alloy.
- BAK-7080S - Round hole
- BAK-7081S - D-hole

**SOFTFIX Interference screws, cannulated, Roundhead**
- Specifically designed for endoscopic femoral fixation where graft protection is needed.
- Polished, fully radiused 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.
- 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.
- BAK-7128.20S - Dia.7.0mm x Len.25mm
- BAK-7128.30S - Dia.7.0mm x Len.30mm
- BAK-7101.20S - Dia.8.0mm x Len.20mm
- BAK-7101.25S - Dia.8.0mm x Len.25mm
- BAK-7101.30S - Dia.8.0mm x Len.30mm
- BAK-7102.20S - Dia.9.0mm x Len.20mm
- BAK-7102.25S - Dia.9.0mm x Len.25mm
- BAK-7102.30S - Dia.9.0mm x Len.30mm
- BAK-7111.20S - Dia.10.0mm x Len.20mm
- BAK-7111.25S - Dia.10.0mm x Len.25mm
- BAK-7111.30S - Dia.10.0mm x Len.30mm

**SOFTFIX Interference screws, cannulated, Fully threaded**
- Specifically designed for endoscopic femoral fixation where graft protection is needed.
- Polished, fully radiused 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.
- 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.
- BAK-7103.20S - Dia.7.0mm x Len.20mm
- BAK-7103.25S - Dia.7.0mm x Len.25mm
- BAK-7103.30S - Dia.7.0mm x Len.30mm
- BAK-7104.20S - Dia.8.0mm x Len.20mm
- BAK-7104.25S - Dia.8.0mm x Len.25mm
- BAK-7104.30S - Dia.8.0mm x Len.30mm
- BAK-7105.20S - Dia.9.0mm x Len.20mm
- BAK-7105.25S - Dia.9.0mm x Len.25mm
- BAK-7105.30S - Dia.9.0mm x Len.30mm
- BAK-7106.20S - Dia.10.0mm x Len.20mm
- BAK-7106.25S - Dia.10.0mm x Len.25mm
- BAK-7106.30S - Dia.10.0mm x Len.30mm

**BIDDU Tibial A/P Sloped Osteotomy Plates**
- Opening wedge.
- Precise, sloped plate.
- For tibial Osteotomy.
- Maintains normal anatomy.
- Available in sizes 7.5mm, 10mm, 12.5mm and 15mm.
- Material – Steel.
- BAK-7094.075S - 7.5mm
- BAK-7094.100S - 10.0mm
- BAK-7094.125S - 12.5mm
- BAK-7094.150S - 15.0mm
**INSTRUMENTS**

**OnLoc Drill guide system**
A highly precise drill guide available for cruciate reconstruction-The OnLoc Drill Guide conforms to each patient’s anatomy, offering surgeons flexibility, accuracy and control. The OnLoc 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 OnLoc 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.

**OnLoc Drill Guide System Set Components**

- **OnLoc ACL Elbow Aimer:** For drilling to the laser mark at the aimer’s elbow; useful when the ACL stump is not removed from the tibia.
- **OnLoc PCL Tibial Aimer:** Rigid design along with calibrated tip results in consistent, accurate guide wire placement; broad face of tip easily passes through notch and provides a means of protecting posterior capsule during guide wire drilling.
- **OnLoc ACL Tip Aimer:** For drilling to the tip of the aimer; useful when the ACL stump is completely removed from the tibia.
- **OnLoc PCL Femoral Aimer:** For outside 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.
- **OnLoc Angled Bullet:** Tip angle matches the engagement angle of the OnLoc Drill Guide on the tibia for secure placement.
- **OnLoc Four-Point Bullet:** Four sharp points for secure engagement of the OnLoc Drill Guide at any angle.

**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.
- **BAK-7035** - OnLoc Drill Guide
- **BAK-7035(a)** - OnLoc Angled Bullet
- **BAK-7035(b)** - OnLoc ACL Elbow Aimer

**CANNUDRILL 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.

**Endoscopic Reamer for Onbutton CL, cannulated**
For making the passing tunnel in ACL surgeries using Onbutton CL and Interference screws.
- **BAK-7052** - Cannulated Endoscopic Reamer, dia.4.5mm
- **BAK-7118** - Endoscopic Reamer for Onbutton CL, cannulated, dia.4.7mm
FLOWERTIP 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.

- BAK-7045.60 - Dia.6.0mm
- BAK-7045.65* - Dia.6.5mm
- BAK-7045.70 - Dia.7.0mm
- BAK-7045.75* - Dia.7.5mm
- BAK-7045.80 - Dia.8.0mm
- BAK-7045.85* - Dia.8.5mm
- BAK-7045.90 - Dia.9.0mm
- BAK-7045.95* - Dia.9.5mm
- BAK-7045.10 - Dia.10.0mm
- BAK-7045.105* - Dia.10.5mm
- BAK-7045.11 - Dia.11.0mm
- BAK-7045.115* - Dia.11.5mm
- BAK-7045.12 - Dia.12.0mm

Depth Gauges for ACL/PCL reconstruction

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

- Cat No. BAK-7053

SURESHOT Transtibial Femoral Aimer

- 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 portals.
- Available in sizes 5mm, 6mm and 7mm.

- BAK-7054.05 - 5mm
- BAK-7054.06 - 6mm
- BAK-7054.07 - 7mm

LOCUS Transportal Femoral Aimer

- 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 transportal or anteromedial portals.
- Available in sizes 5mm, 6mm and 7mm.

- BAK-7055.05 - 5mm
- BAK-7055.06 - 6mm
- BAK-7055.07 - 7mm

Tunnel Plugs

- Helps to control fluid loss while providing a sealed instrumental portal.
- Made of Polyacetal.
- Available in sizes 7-8mm, 8-9mm and 9-10mm.

- BAK-7056.78 - 7-8 mm
- BAK-7056.89 - 8-9 mm
- BAK-7056.910 - 9-10 mm

Guide wire for SOFTFIX Interference screws

Single use, includes calibration marks to assist in screw placement

- Cat No. BAK-7120 - Dia. 2.0mm

Cannulated screwdriver for SOFTFIX interference screws

Cannulated for ease of use with guide wires.

- Cat No. BAK-7063
**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 radius 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.
- Available in diameters ranging from 6mm to 10mm.
- Also available in cannulated versions.

- BAK-7057.06 - 6mm
- BAK-7057.07 - 7mm
- BAK-7057.08 - 8mm
- BAK-7057.09 - 9mm
- BAK-7057.10 - 10mm

**Impactor for STAYFIX spiked ligament staple**
Used in ACL reconstruction for impaction of spiked ligament staples.
- Cat No. BAK-7064

**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 gradations in 5mm increments.
- Probes are limited-reuse and may be disinfected, steam autoclaved or ethylene oxide sterilized.
- Cat No. BAK-7065

**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.
- BAK-7066 - 30°
- BAK-7067 - 45°
- BAK-7122 - straight

**Graft Sizing Block**
Available in two versions. For sizes 6mm to 12mm (6/7/8/9/10/11/12mm) & sizes 6.5mm to 11.5mm (6.5/7.5/8.5/9.5/10.5/11.5mm).
- BAK-7070 - 6.5-7.5-8.5-9.5-10.5-11.5 size dia
- BAK-7124 - 6-7-8-9-10-11-12 size dia

**Straight/Convex/Half-round Rasps**
- Bone shaping devices especially suited for notchplasties.
- Available in various shapes and sizes. (straight/convex/half-round)
- BAK-7075 Straight Rasp
- BAK-7076 Convex Rasp
- BAK-7077 Half-round Rasp

**Tunnel Notcher**
The tunnel notcher removes a pathway of cancellous bone adjacent to the femoral tunnel. This vacant pathway will enhance guide wire placement and facilitate easier screw insertion.
- Cat No. BAK-7126
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-tendinosous 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.

- Cat No. BAK-7069

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.
• Available in sizes 6mm, 7mm and 8mm.

- BAK-7071.06 - 6mm
- BAK-7071.07 - 7mm
- BAK-7071.08 - 8mm

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

Cat No. BAK-7095

Femoral PCL Elevator
• Sharp elevator tip elevates the PCL and 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.

Cat No. BAK-7083

Graphic Cases for Knee Arthroscopy Instruments
The BIOTEK ACL-PCL Reconstruction Instrumentation Set is a complete system of instruments for the accurate arthroscopic reconstruction during single-bundle ACL and PCL reconstruction procedures. The system components are sized for both bone-tendon-bone and soft tissue grafts.

Cat No. BAK-7079