• ACL Reconstruction
• PCL Reconstruction
• Collateral Ligament Repair
• Osteochondral Repair
• Opening Wedge Osteotomy
• Meniscal Repair
For over 25 years, Arthrex has maintained its dedication to one simple goal: responding to the needs of the orthopaedic surgeon by helping make technically demanding surgical procedures simpler, safer and reproducible.

As a private corporation, Arthrex has an unparalleled commitment to the orthopaedic surgeon and the patients they treat. Our pride in the medical significance of our contribution is the essence of our unique, uncompromising commitment to product quality, surgical skills education and competent, personal service unmatched in our industry.

Our accumulated experience and constant innovation in knee reconstruction is redefined with the release of updated Next Generation in Knee Ligament Reconstruction and Repair Technology products.

Arthrex acknowledges and appreciates the feedback and cooperation from surgeons worldwide in the developmental evolution of this new comprehensive approach in the treatment of knee injuries.

Sincerely,

Reinhold Schmieding
President & Founder
Arthrex Inc.
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ACL Cruciate ToolBox™ Instrumentation Set

The ACL Cruciate ToolBox is the most comprehensive system the experienced surgeon needs for ACL reconstruction. It is the only guide system that references anatomical constants in the knee for reproducible tunnel placement. The proprietary PCL Oriented Placement (POP) Marking Hooks, in conjunction with the Adapteur Drill Guide C-Ring, reference 7 mm anterior to the leading edge of the PCL for consistent, reproducible ACL tibial tunnel placement.

The femoral 7 mm offset guide references the over-the-top position for accurate femoral tunnel placement with a 1-2 mm backwall. Other accessories such as dilators and Headed Reamers in .5 mm increments ease each step for accurate tunnel preparation. Easy-to-use graft harvesting guides provide perfect trapezoidal-shaped BTB plugs with predrilled holes.

ACL Cruciate Reconstruction ToolBox Set (AR-1900S) includes:

- Hook Probe, 3.4 mm Tip w/5 mm Markings  AR-10010
- Cannulated Drills, 8, 9, 10 and 11 mm  AR-1208L, AR-1209L, AR-1214L and AR-1217L
- Semitendinosus Stripper, 5 mm  AR-1278
- Cannulated Screwdriver for Bio-Interference Screw  AR-1366
- Adapteur Drill Guide C-Ring  AR-1875
- Graduated Guide Pin Sleeve for 2.4 mm Pins  AR-1876
- Target POP Marking Hook, left  AR-1866
- Target POP Marking Hook, right  AR-1867
- Pin Simulator Tibial Marking Hook, 60°  AR-18786P-60
- Parallel Guide Sleeve, 2.4 mm Pins  AR-1245L
- Tunnel/Notchplasty Rasps  AR-1282
- Cannulated Headed Reamers, 7, 7.5, 8, 8.5, 9, 9.5, 10, 10.5 and 11 mm  AR-1407 - AR-1411
- Jacob’s Chuck Handle  AR-1415
- Quick Connect T-Handle  AR-1416T
- Graft Harvesting Retractor  AR-1420
- Transtibial Femoral ACL Drill Guide, 7 mm  AR-1801
- Reusable Obturator for Tibial Tunnel Cannula  AR-1807
- Graft Harvesting Cutting Guides, 8.5 mm  AR-1809
- Graft Harvesting Cutting Guides, 9.5 mm  AR-1810
- Graft Harvesting Cutting Guides, 10.5 mm  AR-1811
- Notchplasty & Graft Harvesting Osteotome, 5 mm  AR-1830
- Tunnel Notcher  AR-1844
- Tunnel Dilator, 7 mm  AR-1854-07.0
- Tunnel Dilator, 7.5 mm  AR-1854-07.5
- Tunnel Dilator, 8 mm  AR-1854-08.0
- Tunnel Dilator, 8.5 mm  AR-1854-08.5
- Tunnel Dilator, 9 mm  AR-1854-09.0
- Tunnel Dilator, 9.5 mm  AR-1854-09.5
- Tunnel Dilator, 10 mm  AR-1854-10.0
- Tunnel Dilator, 10.5 mm  AR-1854-10.5
- Tunnel Dilator, 11 mm  AR-1854-11.0
- Graft Sizing Block  AR-1886
- Torque Measurement Device  AR-1990
- Easy-In  AR-1993
- Easy-Out  AR-1994
- Cannulated Bio-Interference Screwdriver Shaft  AR-1997
- Cannulated Screwdriver Shaft for Delta Bio-Interference Screw  AR-1997D
- Cannulated Screwdriver Shaft, 8.5 mm Hex  AR-1998
- Ratcheting Screwdriver Handle  AR-1999
- Parallel Graft Knife Handle  AR-2285H
- Chuck Key  AR-8241
- ACL Cruciate ToolBox Instrumentation Case  AR-1900C
- Transtibial ACL Disposables Kit with Hall Style Saw Blade, qty. 5  AR-1897S
- Transtibial ACL Disposables Kit without Saw Blade, qty. 5  AR-1898S
The Transtibial ACL Reconstruction System is the only true guide system that references anatomical constants in the knee for reproducible tunnel placement. The proprietary PCL Oriented Placement (POP) marking hooks, in conjunction with the Adapteur Drill Guide C-Ring, reference 7 mm anterior of the leading edge of the PCL for consistent, reproducible ACL tibial tunnel placement. The femoral 7 mm offset guide references the over-the-top position for accurate femoral tunnel placement with a 1-2 mm backwall. Easy to use Graft Harvesting Guides provide perfect trapezoidal shaped BTB bone plugs with predrilled suture holes.

Other procedure-specific accessories ease every step of the procedure for consistent, reproducible results. Optional Coring Reamers facilitate grafting of the patellar defect after harvesting. The ACL Disposables Kits provide a complete, convenient set of pins and disposables needed for each case. Only interference screws are required to complete the system for the procedure.

The autoclavable case with custom tray organizes and protects the complete system with plenty of space in the silicone mat base for additional instrumentation. Secure locking mechanism allows for the protection of the content and the protection of the sterility of the same.

Transtibial ACL Reconstruction Set (AR-1817AS) includes:

- Cannulated Drill, 8 mm AR-1208L
- Cannulated Drill, 9 mm AR-1209L
- Cannulated Drill, 10 mm AR-1214L
- Adapteur Drill Guide C-Ring AR-1875
- Graduated Guide Pin Sleeve for 2.4 mm Pins AR-1876
- Target POP Marking Hooks, left AR-1866
- Target POP Marking Hooks, right AR-1867
- Pin Simulator Tibial Marking Hook, 60 AR-1877GP-60
- Parallel Guide Sleeve, 2.4 mm Pins AR-1245L
- Tunnel/Notchplasty Rasp AR-1262
- Cannulated Headed Reamers, 8 mm AR-1408
- Cannulated Headed Reamers, 9 mm AR-1409
- Cannulated Headed Reamers, 10 mm AR-1410
- Jacob’s Chuck Handle AR-1415
- Graft Harvesting Retractor AR-1420
- Transtibial Femoral ACL Drill Guide, 7 mm AR-1801
- Graft Harvesting Cutting Guides, 8.5 mm AR-1809
- Graft Harvesting Cutting Guides, 9.5 mm AR-1810
- Graft Harvesting Cutting Guides, 10.5 mm AR-1811
- Reusable Obturator for Tibial Tunnel Cannula AR-1807
- Tunnel Notcher AR-1844
- PinLock II Cannulated Screwdriver, 3.5 mm hex AR-1896
- Grooved Sizing Block AR-1889
- Transtibial ACL Reconstruction Case AR-1817AC

Transtibial ACL Disposables Kit with Hall Style Saw Blade, qty. 5 AR-18975
Transtibial ACL Disposables Kit without Saw Blade, qty. 5 AR-18985
The RetroDrill is the next step in the evolution of arthroscopic ACL reconstruction. Arthroscopically controlled retrograde drilling of femoral and tibial sockets and tunnels provides greater flexibility and accuracy in anatomic graft placement and in avoiding previous tunnels and intraosseous hardware. Inside/out drilling also minimizes incisions and intraarticular bone fragmentation of tunnel rims.

- RetroDrill Guide Pin, 3 mm, cannulated: AR-1250RP
- RetroDrill Guide Pin, 3 mm, noncannulated: AR-1250RS
- RetroCutter, 5 mm (a): AR-1204R-05S
- RetroCutter, 5.5 mm: AR-1204R-055S
- RetroCutter, 6 mm: AR-1204R-06S
- RetroCutter, 6.5 mm: AR-1204R-065S
- RetroCutter, 7 mm: AR-1204R-07S
- RetroCutter, 7.5 mm: AR-1204R-075S
- RetroCutter, 8 mm: AR-1204R-08S
- RetroCutter, 8.5 mm: AR-1204R-085S
- RetroCutter, 9 mm: AR-1204R-09S
- RetroCutter, 9.5 mm: AR-1204R-095S
- RetroCutter, 10 mm: AR-1204R-10S
- RetroCutter, 10.5 mm: AR-1204R-105S
- RetroCutter, 11 mm: AR-1204R-11S
- RetroCutter, 12 mm: AR-1204R-12S
- Dual RetroCutter, 6 mm (b): AR-1204RD-06S
- Dual RetroCutter, 7 mm: AR-1204RD-07S
- Dual RetroCutter, 8 mm: AR-1204RD-08S
- Dual RetroCutter, 8.5 mm: AR-1204RD-085S
- Dual RetroCutter, 9 mm: AR-1204RD-09S
- Dual RetroCutter, 9.5 mm: AR-1204RD-095S
- Dual RetroCutter, 10 mm: AR-1204RD-10S
- Dual RetroCutter, 11 mm: AR-1204RD-11S
- Dual RetroCutter, 12 mm: AR-1204RD-12S
- RetroDrill Guide Set: AR-1866RS

The Constant Tibial Guide for “retrodrilling” is set at an ideal 52.5° drilling angle. The racheting RetroDrill Guide Pin Sleeve affords stable and secure guide placement.

- Constant Tibial Guide for RetroDrill, 52.5°: AR-1775R
- Drill Sleeve for Constant Tibial Guide for RetroDrill: AR-1776R
LOW PROFILE REAMERS

Low Profile Reamers facilitate femoral socket preparation through the medial portal and also allow greater flexibility in femoral socket placement, while maintaining appropriate backwall thickness. The open-angled offset tip allows reproducible backwall thickness and facilitates anterior trajectory of the guide pin. It is also ideal for maintaining divergence of sockets in double bundle ACL reconstruction. The longer tip stabilizes the guide over the posterior cortex during hyperflexion. Available in 4 mm through 8 mm sizes, the larger exit cannulation of the TPGs allows room for the spade tip of the RetroButton Pin to rotate (a).

TRANSPORTAL ACL GUIDES

The Transportal ACL Guides (TPGs) were designed specifically for the anteromedial portal approach and allow surgeons freedom in femoral socket placement, while maintaining appropriate backwall thickness. The open-angled offset tip allows reproducible backwall thickness and facilitates anterior trajectory of the guide pin. It is also ideal for maintaining divergence of sockets in double bundle ACL reconstruction. The longer tip stabilizes the guide over the posterior cortex during hyperflexion. Available in 4 mm through 8 mm sizes, the larger exit cannulation of the TPGs allows room for the spade tip of the RetroButton Pin to rotate (a).

TRANSTIBIAL FEMORAL GUIDES

A series of offset guides allow precise anatomical placement of femoral tunnels by referencing the over-the-top position. Five sizes (4, 5, 6, 7 & 8 mm offsets) provide a 1-2 mm tunnel backwall when used with the appropriately sized reamer. For example, a 7 mm offset Transtibial Femoral ACL Drill Guide (TTG) used with a 10 mm diameter reamer leaves a 2 mm backwall.

Disposable plastic Backflow Caps (in the ACL Transtibial Disposables Kits) are designed to eliminate annoying leakage of irrigation fluid through the cannulated handle during positioning and guide pin placement. Guide pins are simply drilled through the plastic cap.

L O W  P R O F I L E  R E A M E R S

Low Profile Reamers facilitate femoral socket preparation through the medial portal and also allow greater flexibility in femoral socket placement for transtibial procedures. The reamer’s extra thin shaft and “two flute” design provide a flat profile that easily passes through the portal and avoids damaging the femoral condyle and PCL. The reduced length of the flutes allows the drill to spin without contacting PCL fibers. Low Profile Reamers may be used with the Arthrex Transportal ACL Guides for anatomic guide pin placement through the medial portal.

CANNULATED HEADED REAMERS

This sharp, easy penetrating reamer design has rounded back edges that protect the PCL during endoscopic drilling of the femoral tunnel. Five millimeter calibrations provide precise depth control.

TUNNEL NOTCHERS

The Tunnel Notcher creates a perfectly sized “keyhole” in the anterior wall of the femoral tunnel to facilitate guide pin and interference screw insertion. The wider Tunnel Notcher for Bio-Interference Screw creates a broader “keyhole” in the anterior wall of the femoral tunnel to facilitate insertion of a Bio-Interference Screw.
**FLIPCUTTER**

The innovative FlipCutter is an all-in-one guide pin and reamer that allows minimally invasive socket creation from the inside out. The FlipCutter allows a whole new level of freedom in socket positioning and is ideal for hard-to-reach areas such as tibial socket creation for PCLR and anatomic femoral socket creation for ACLR.

When the blade is straight, the FlipCutter acts as a guide pin and can be drilled into the center of the ACL or PCL footprint with a drill guide. Once in position, the blade is released and locked into cutting position to create a bone socket in retrograde fashion.

<table>
<thead>
<tr>
<th>Size</th>
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<tbody>
<tr>
<td>FlipCutter, 6 mm</td>
<td>AR-1204F-60</td>
</tr>
<tr>
<td>FlipCutter, 6.5 mm</td>
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</tr>
<tr>
<td>FlipCutter, 7 mm</td>
<td>AR-1204F-70</td>
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<tr>
<td>FlipCutter, 7.5 mm</td>
<td>AR-1204F-75</td>
</tr>
<tr>
<td>FlipCutter, 8 mm</td>
<td>AR-1204F-80</td>
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<tr>
<td>FlipCutter, 8.5 mm</td>
<td>AR-1204F-85</td>
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<tr>
<td>FlipCutter, 9 mm</td>
<td>AR-1204F-90</td>
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<tr>
<td>FlipCutter, 9.5 mm</td>
<td>AR-1204F-95</td>
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<tr>
<td>FlipCutter, 10 mm</td>
<td>AR-1204F-100</td>
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<tr>
<td>FlipCutter, 10.5 mm</td>
<td>AR-1204F-105</td>
</tr>
<tr>
<td>FlipCutter, 11 mm</td>
<td>AR-1204F-110</td>
</tr>
<tr>
<td>FlipCutter, 11.5 mm</td>
<td>AR-1204F-115</td>
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<tr>
<td>FlipCutter, 12 mm</td>
<td>AR-1204F-120</td>
</tr>
<tr>
<td>FlipCutter, 13 mm</td>
<td>AR-1204F-130</td>
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</table>

**Accessories:**

- Constant PCL Guide AR-2500
- Constant PCL Guide Drill Sleeve, 3.5 mm AR-2501
- Constant Femoral Guide Frame Assembly AR-1865

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**RETROCONSTRUCTION™ DRILL GUIDE SYSTEM**

The RetroConstruction Drill Guide Set gives surgeons six different marking hook options for multiple indications all in one, small, easy to manage set. The adjustable C-ring allows several drilling angles without sacrificing accuracy. Multiple drill sleeves accommodate retrograde reaming with the FlipCutter or standard 2.4 mm pins for antegrade reaming. The additional stepped Drill Sleeve acts as a depth stop for retrograde drilling and keeps access to the joint during FlipCutter removal for insertion of graft passing suture.

RetroConstruction Drill Guide Set (AR-1510S) includes:

<table>
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<tr>
<td>Drill Sleeve for RetroConstruction Drill Guide, 3.5 mm (b)</td>
<td>AR-1510D</td>
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<tr>
<td>Tibial ACL Marking Hook for RetroConstruction Drill Guide</td>
<td>AR-1510T</td>
</tr>
<tr>
<td>Femoral ACL Marking Hook for RetroConstruction Drill Guide</td>
<td>AR-1510F</td>
</tr>
<tr>
<td>Femoral ACL Footprint Marking Hook for RetroConstruction Drill Guide</td>
<td>AR-1510F-01</td>
</tr>
<tr>
<td>Tibial PCL Marking Hook for RetroConstruction Drill Guide</td>
<td>AR-1510PT</td>
</tr>
<tr>
<td>Femoral PCL Marking Hook for RetroConstruction Drill Guide</td>
<td>AR-1510PF</td>
</tr>
<tr>
<td>Multi-Use Marking Hook for RetroConstruction Drill Guide</td>
<td>AR-1510M</td>
</tr>
<tr>
<td>RetroConstruction Drill Guide System Case</td>
<td>AR-1510C</td>
</tr>
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</table>
ADAPTEUR™ DRILL GUIDE SYSTEM

The Adapteur Drill Guide System serves as the gold standard for creating anatomically based tibial tunnels for ACL or PCL reconstruction. The various marking hook designs are easily interchangeable with the quick release locking mechanism, yet provide unparalleled drilling accuracy comparable to a fixed angle guide.

- **PCL Oriented Placement (POP) Marking Hooks**: reference 7 mm anterior to the base of the PCL for reproducible ACL tibial tunnel placement.

- **Pin Simulator Tibial Marking Hooks**: simulate guide pin positioning and angle in the joint prior to pin entry.

- The 50° beveled Guide Pin Sleeve lies flush to cortical bone to inhibit guide pin deviation during entry.

- Additional marking hooks for ACL/PCL reconstruction and retrograde osteochondral drilling are available.

<table>
<thead>
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<th>Item Description</th>
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<tr>
<td>Adapteur Drill Guide C-Ring, left (a)</td>
<td>AR-1875</td>
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<tr>
<td>Long Adapteur Drill Guide C-Ring (d)</td>
<td>AR-1875L</td>
</tr>
<tr>
<td>Guide Wire Sleeve Assembly, 50° angle</td>
<td>AR-1876G</td>
</tr>
<tr>
<td>Target POP Marking Hook, left (b)</td>
<td>AR-1866</td>
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<tr>
<td>Target POP Marking Hook, right</td>
<td>AR-1867</td>
</tr>
<tr>
<td>Pin Simulator Tibial Marking Hook, 50° (c)</td>
<td>AR-1876GP-50</td>
</tr>
<tr>
<td>Pin Simulator Tibial Marking Hook, 60°</td>
<td>AR-1876GP-60</td>
</tr>
<tr>
<td>Pin Simulator Tibial Marking Hook, 70°</td>
<td>AR-1876GP-70</td>
</tr>
</tbody>
</table>

Guide Pin available sterile in the Transtibial ACL Disposables Kit (see page 10)

CONSTANT ACL Tibial Drill Guide

The Constant Tibial Guide incorporates the Arthrex proprietary method of referencing the PCL for reproducible tibial tunnel placement in arthroscopic ACL reconstruction.

- The Y-shaped marking hook facilitates referencing 7 mm from the PCL in both left and right knees. The 52.5° drilling angle is ideal for soft tissue ACL reconstruction. The lightweight, yet stable frame provides easy, one hand usage and provides unprecedented drilling accuracy.

- The simple, easy to use Guide Pin Sleeve disengages with a simple 20° rotation. The anatomically angled sleeve lies flush to cortical bone to inhibit guide pin deviation during entry.

<table>
<thead>
<tr>
<th>Item Description</th>
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<tr>
<td>Constant Tibial Guide, 52.5°</td>
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</tr>
<tr>
<td>Calibrated Guide Pin Sleeve for 2.4 mm Pins</td>
<td>AR-1776</td>
</tr>
</tbody>
</table>

Guide Pin available sterile in the Transtibial ACL Disposables Kit (see page 10)
CANNULATED DRILLS

Full thickness cannulated drills, with calibrated depth marks, are designed specially for ACL tibial tunnels, PCL tibial and femoral tunnels and standard two-incision ACL reconstruction procedures. The optional drill sleeves protect soft tissue during drilling.

Cannulated Drill Sleeve, 6 mm  AR-1206S
Cannulated Drill, 6 mm  AR-1206L
Cannulated Drill Sleeve, 7 mm  AR-1207S
Cannulated Drill, 7 mm  AR-1207L
Cannulated Drill Sleeve, 8 mm  AR-1208S
Cannulated Drill, 8 mm  AR-1208L
Cannulated Drill Sleeve, 9 mm  AR-1209S
Cannulated Drill, 9 mm  AR-1209L
Cannulated Drill Sleeve, 10 mm  AR-1210S
Cannulated Drill, 10 mm  AR-1210L
Cannulated Drill Sleeve, 11 mm  AR-1211S
Cannulated Drill, 11 mm  AR-1211L
Cannulated Drill Sleeve, 12 mm  AR-1212S
Cannulated Drill, 12 mm  AR-1212L
Cannulated Drill Sleeve, 13 mm  AR-1213S
Cannulated Drill, 13 mm  AR-1213L
Cannulated Drill Sleeve, 14 mm  AR-1214S
Cannulated Drill, 14 mm  AR-1214L
Cannulated Drill Sleeve, 15 mm  AR-1215S
Cannulated Drill, 15 mm  AR-1215L

Cannulated Drill, 10 mm AR-1214L
Cannulated Drill Sleeve, 10 mm  AR-1214S
Cannulated Drill, 11 mm AR-1217L
Cannulated Drill Sleeve, 11 mm  AR-1217S
Cannulated Drill, 12 mm AR-1218L
Cannulated Drill Sleeve, 12 mm  AR-1218S
Cannulated Drill, 13 mm AR-1219L
Cannulated Drill Sleeve, 13 mm  AR-1219S
Cannulated Drill, 14 mm AR-1221L
Cannulated Drill Sleeve, 14 mm  AR-1221S
Cannulated Drill, 15 mm AR-1222L
Cannulated Drill Sleeve, 15 mm  AR-1222S

Cannulated Drill, 16 mm AR-1222L
Cannulated Drill Sleeve, 16 mm  AR-1222S
Drill Tip Guide Pin, 2.4 mm, qty. 6  AR-1250L

TUNNEL DILATORS

Dilated tunnel walls increase pull-out strength of soft tissue grafts fixed directly with Bio-Interference Screws.

The cannulated Tunnel Dilators enhance soft tissue graft fixation by dilating cancellous bone in the femoral or tibial tunnel wall prior to graft insertion and fixation. The dilators, in 0.5 mm size increments, facilitate a more precise tunnel/graft size matching without drilling.

The Quick Connect T-Handle easily attaches to the dilators, allowing for fast changes from one dilator size to the next.

ACL Tunnel Preparation Instrumentation Set (AR-1856S) includes:

Quick Connect T-Handle AR-1416T
Tunnel Dilator, 5.5 mm AR-1854-05.5
Tunnel Dilator, 6 mm AR-1854-06.0
Tunnel Dilator, 6.5 mm AR-1854-06.5
Tunnel Dilator, 7 mm AR-1854-07.0
Tunnel Dilator, 7.5 mm AR-1854-07.5
Tunnel Dilator, 8 mm AR-1854-08.0
Tunnel Dilator, 8.5 mm AR-1854-08.5
Tunnel Dilator, 9 mm AR-1854-09.0
Tunnel Dilator, 9.5 mm AR-1854-09.5
Tunnel Dilator, 10 mm (a) AR-1854-10.0
Tunnel Dilator, 10.5 mm AR-1854-10.5
Tunnel Dilator, 11 mm AR-1854-11.0
Tunnel Dilator, 11.5 mm AR-1854-11.5
Tunnel Dilator, 12 mm AR-1854-12.0

Graft Sizing Block (6-12 mm diameter holes in 0.5 increments)  AR-1886
ACL Tunnel Preparation Instrumentation Case AR-1856

Optional Instrumentation:

Stepped Tibial Tunnel Dilator, 6 mm/7 mm AR-1857-67
Stepped Tibial Tunnel Dilator, 7 mm/8 mm AR-1857-78
Stepped Tibial Tunnel Dilator, 8 mm/9 mm (b) AR-1857-89
Stepped Tibial Tunnel Dilator, 9 mm/10 mm AR-1857-90
QUAD NOTCHER

When performing ACL reconstructions using a soft tissue graft, the Quad Notcher prepares the tibial tunnel for concentrically placing an interference screw between the graft strands preventing graft rotation during insertion. The Quad Notcher cuts a 4-quadrant notch simultaneously through the distal tibial tunnel cortex. When tunnel notching is completed, graft fixation is achieved by inserting a 35 mm Delta Tapered Bio-Interference Screw concentrically between the graft strands providing increased graft-to-tunnel wall contact to promote a faster healing response.

The superior and inferior notches are wider than the medial and lateral notches to allow for the size difference between the semitendinosus and gracilis tendons. The larger notches also facilitate the use of soft tissue allografts, such as tibialis tendon.

The notchers are angled at 55° to align with the angle of the tibial tunnel. Laser marks on the device also aid in properly aligning the notcher within the tunnel and orientation of the notchers. The Quad Notcher attaches to the Quick Connect T-Handle, facilitating fast and efficient impaction or removal.

Quad Notcher Set (AR-1842S) includes:
- Quad Notcher, 7 mm AR-1842-07
- Quad Notcher, 8 mm AR-1842-08
- Quad Notcher, 9 mm AR-1842-09

Accessory:
- Quick Connect T-Handle AR-1416T

GRAFT SPREADER

The Graft Spreader is used to spread individual ACL graft strands exiting the tibial tunnel while equally tensioning each strand. Graft fixation is achieved by inserting a 35 mm Delta Tapered Bio-Interference Screw concentrically between the graft strands providing increased graft-to-tunnel wall contact to promote accelerated graft healing.

Graft Spreader AR-1842

NOTCHPLASTY

The curved Tunnel/Notchplasty Rasp is ideal for completing the notchplasty and chamfering of the tibial and femoral tunnel rim. Designed specifically to smooth tunnel rims after drilling to reduce graft abrasion or laceration, the rasp fits easily through the tibial tunnel cannula in an 8 mm tunnel.

The offset shaft of the Notchplasty Osteotome provides easy access to the lateral wall of the intercondylar notch from the anteromedial portal for anatomical widening of the notch.

The open ring curette, which is sharp on both sides, will help to perform the soft tissue notchplasty to identify the over-the-top position.

Tunnel/Notchplasty Rasp AR-1282
Notchplasty and Graft Harvesting Osteotome, 5 mm AR-1830
Ring Curette, 5.4 mm, one side cut AR-20010
Ring Curette, 5.4 mm, both sides cut AR-20020
TRANSFIX® II FEMORAL DRILL GUIDE

The TransFix cross pin fixation provides some of the strongest femoral fixation of any metal implant for soft tissue or bone-tendon grafts available. With soft tissue, single cross pin fixation equalizes the length and load to all four graft strands independent of tibial fixation, maximizing graft stiffness. For bone-tendon grafts, single cross pin fixation uses a single graft drill hole for both graft passing and implant insertion, significantly reducing the possibility of graft fracture. It also enables the implant to be consistently centered in the graft and femoral socket.

TransFix II ACL Reconstruction System (AR-1817TS) includes:

- Semitendinosus Stripper, 5 mm AR-1278
- TransFix Screw Driver AR-1364
- Bio-TransFix Dilator AR-1373
- TransFix II Implant Impactor on Handle AR-1973
- Bio-TransFix Driver AR-1973BD
- Bio-TransFix Extraction Pin AR-1973E
- Drill for TransFix Implant, 5 mm, for 3 mm Drill Pin AR-1974
- Drill Guide Assembly for TransFix II AR-1975
- TransFix II Guide Pin Sleeve, 3 mm AR-1976
- TransFix II Tunnel Hook, 7 mm AR-1977-07P
- TransFix II Tunnel Hook, 8 mm AR-1977-08P
- TransFix II Tunnel Hook, 8.5 mm AR-1977-08.5P
- TransFix II Tunnel Hook, 9 mm AR-1977-09P
- TransFix II Tunnel Hook, 9.5 mm AR-1977-09.5P
- TransFix II Tunnel Hook, 10 mm AR-1977-10P
- TransFix II Tunnel Hook, 10.5 mm AR-1977-10.5P
- TransFix II Tunnel Hook, 11 mm AR-1977-11P
- TransFix II Tunnel Hook, 11.5 mm AR-1977-11.5P
- TransFix II Tunnel Hook, 12 mm AR-1977-12P
- TransFix II Instrumentation Case AR-1817TC

Accessories:

- Drill for TransFix Implant, 5 mm, for 3 mm Drill Pin, long AR-1974L
- BTB TransFix II Pin/Graft Passing Wire Set AR-1971S
- TransFix II Drill Set AR-1978S

MEDIAL PORTAL TRANSFIX SYSTEM

The Medial Portal (MP) TransFix System facilitates use of TransFix through the medial portal. When used with Transportal ACL Guides (TPG’s) and Low Profile Headed Reamers the MP TransFix System allows surgeons new freedom in anatomic femoral socket placement. This new set includes an adjustable angle guide that allows variable angle pin approach without sacrificing accuracy. New MP TransFix Hooks come in 6 mm to 10 mm sizes and have a built-in handle for easy removal from the femoral socket. The MP TransFix System Set comes with all the required TransFix II instrumentation, as well as a utility space for TPG’s or reamers.

Medial Portal TransFix (AR-1978MP) includes:

- TransFix Screw Driver AR-1364
- Bio-TransFix Dilator AR-1373
- RetroConstruction Drill Guide Handle AR-1510H
- TransFix II Implant Impactor on Handle AR-1973
- Bio-TransFix Driver AR-1973BD
- Bio-TransFix Extraction Pin AR-1973E
- Drill for TransFix Implant, 5 mm, for 3 mm Drill Pin AR-1974
- TransFix II Guide Pin Sleeve, 3 mm AR-1976
- Medial Portal Marking Hook Arm, 6 mm AR-1978-06MP
- Medial Portal Marking Hook Arm, 7 mm AR-1978-07MP
- Medial Portal Marking Hook Arm, 8 mm AR-1978-08MP
- Medial Portal Marking Hook Arm, 9 mm AR-1978-09MP
- Medial Portal Marking Hook Arm, 10 mm AR-1978-10MP
TENDON GRAFT IMPLANTATION

ACL DISPOSABLES KITS
The single use Transtibial ACL Disposables Kits provide a convenient, sterile, complete set of all the guide pins and disposables required for an ACL reconstruction.

Transtibial ACL Disposables Kit with Hall Style Saw Blade (AR-1897S), qty. 5, includes:
- Graft Harvesting Kit
- 2.4 mm Guide Pin w/Suture Eye
- 2.4 mm Drill Tip Guide Pin
- 1.1 mm Nitinol Guide Pin for Bio-Interference Screw
- 2.0 mm Nitinol Guide Pin w/25 mm and 30 mm depth markings
- Tibial Tunnel Cannula
- Backflow Cap
- 153 mm Marking Ruler and Sterile Marking Pen

Transtibial ACL Disposables Kit without Saw Blade (AR-1898S), qty. 5, includes:
- 2.4 mm Guide Pin w/Suture Eye
- 2.4 mm Drill Tip Guide Pin
- 1.1 mm Nitinol Guide Pin for Bio-Interference Screw
- 2.0 mm Nitinol Guide Pin w/25 mm and 30 mm depth markings
- Tibial Tunnel Cannula
- Backflow Cap
- 153 mm Marking Ruler and Sterile Marking Pen

ACL All-Inside Disposables Kit (AR-1587S) includes:
- Shoehorn™ Cannula
- RetroButton Drill Pin
- #2 FiberStick
- #2 TigerStick
- #2 mm FiberLoop
- #2 mm TigerLoop
- Suture Passing Wire
- 1.1 mm Nitinol Guide Pin for Bio-Interference Screw
- 153 mm Marking Ruler and Sterile Marking Pen

TransFix II Drill Set, 3 mm (AR-1978S), qty. 5, includes:
- Drill Tip Guide Pin, 2.4 mm
- Graft Suture Passing Wire

ACL/PCL GRAFT PASSING FORCEPS
The ACL/PCL graft forceps is designed for atraumatic manipulation of the graft intraarticularly during graft passing. The smooth, curved jaws provide excellent rotational control of the graft during insertion into femoral tunnels. Excellent also for large loose body removal.

The SR Series Graspers feature a self-releasing lock mechanism that is easily disengaged as needed by simply moving the handles apart. The NR Series Graspers have nonlocking handles for ease of use from difficult hand positions encountered during surgery.

ACL/PCL Graft Passing Forceps w/SR Handle AR-13400SR
ACL/PCL Graft Passing Forceps w/NR Handle AR-13400NR
PARALLEL GRAFT KNIFE
The Parallel Graft Knife is designed for harvesting the patellar or quadriceps tendon for use during ACL/PCL reconstruction. The parallel blades create a precise cut in a single pass. The reusable handle provides a convenient cost-effective alternative to disposable devices. Special single use blade packaging allows easy, safe blade attachment and removal.

- Parallel Graft Knife Handle AR-2285H
- Parallel Graft Knife Blades 8 mm AR-2285-08
- Parallel Graft Knife Blades 9 mm AR-2285-09
- Parallel Graft Knife Blades 10 mm AR-2285-10
- Parallel Graft Knife Blades 11 mm AR-2285-11

GRAFT HARVESTING CUTTING GUIDES & SAW BLADES
Used to harvest an ideal trapezoidal-shaped bone plug with predrilled suture holes from both the patella and the tibia, the cutting guides provide consistent, reproducible results during tendon harvest. Arthrex saw blades have the ideal width and tooth configuration for BTB graft harvesting. A mechanical depth stop provides a secure 7 mm depth control when used in conjunction with the Graft Harvesting Cutting Guide. Laser etched graduations of 6 & 7 mm provide visual depth control during free hand saw harvesting.

- Graft Harvesting Cutting Guide, 8.5 mm width AR-1809
- Graft Harvesting Cutting Guide, 9.5 mm width AR-1810
- Graft Harvesting Cutting Guide, 10.5 mm width AR-1811
- Graft Harvesting Kit w/Hall Style Sagittal Saw Blade and 2 ea. threaded fixation pins, short & long AR-1821S
- Saw Blade, Hall Style AR-1821
  (3M, Dyonics, Stryker style blades also available)

GRAFT HARVESTING OSTEOTOME
The 8 mm wide, offset osteotome is ideal for final harvesting of the patellar and tibial bone block from an inferior approach under the tendon after cortical bone resection.

- Notchplasty and Graft Harvesting Osteotome, 8 mm AR-1830L

GRAFT HARVESTING RETRACTOR
The Graft Harvesting Retractor provides excellent exposure of the anterior aspect of the patella through a minimal incision of less than 6 cm when harvesting the central third of the patellar tendon. The forked end of the retractor is hooked over the superior pole of the patella and levered to securely retract the surrounding skin and subcutaneous tissue.

- Graft Harvesting Retractor AR-1420

ACL GRAFT SHAPER
The ACL Graft Shaper is a unique bone “press” which shapes and compresses cancellous bone to accommodate a precise graft-fit into predrilled tibial and femoral tunnels during ACL/PCL reconstruction. The smooth, semi-circular jaws compress the bone corners and edges which inhibit smooth graft passing. An adjustable spacer in the handle provides controlled size compression of bone plugs to 8, 9, 10 or 11 mm diameters.

- Side holes provide accurate placement of holes for graft passing sutures with a 2 mm diameter drill.

- ACL Graft Shaper AR-1234
SOFT TISSUE GRAFT

HAMSTRING TENDON STRIPPERS

The 5 mm and 7 mm diameter hamstring tendon strippers provide maximum tendon length with less soft tissue trauma through a small incision just medial to the tibial tubercle. Millimeter calibrations on the shaft allow graft length determination during harvesting. The spiral end of the “Pigtail” facilitates capture of distally attached tendons for proximal subcutaneous stripping of hamstring grafts.

Semitendinosus Stripper, 5 mm diameter AR-1278
Semitendinosus Stripper, 7 mm diameter (a) AR-1278L
Pigtail Hamstring Tendon Stripper, open end, 5 mm diameter (b) AR-1278P
Pigtail Hamstring Tendon Stripper, open end, 7 mm AR-1278PL

MINIMALLY INVASIVE HAMSTRING HARVESTING SET

The minimally invasive hamstring harvest technique allows for removal of the hamstring tendons through a small posteromedial incision. Because the hamstring tendons lie more superficial in the popliteal crease they are easily exposed and released from proximal attachments. The small incision also improves cosmesis and may decrease post-op morbidity.

The set includes two harvesters made especially for the minimally invasive technique. Shorter shafts improve stiffness and facilitate harvesting from the posteromedial incision. The open harvester is large enough to load the thicker, more proximal portion of the hamstring tendons. The closed distal harvester is slightly sharper, permitting elevation of the tendons off the tibial insertion.

The mini hamstring harvest is done with no change in position from standard preparation for ACLR. The knee is kept flexed and the hip is externally rotated.

Minimally Invasive Hamstring Harvesting Set AR-1279S

CENTERING CYLINDERS

Centering Cylinders provide a simple alternative to collared pins in conjunction with Coring Reamers to harvest a round bone graft when creating the tibial tunnel during ACL reconstruction, without removing the tibial guide pin.

After tibial guide pin placement, the appropriate size centering cylinder is inserted over the guide pin to center the Coring Reamer during insertion.

To extract the core from the reamer, the Graft Extractor’s threaded tip is inserted through the lumen of the core and the threads engaged into the centering cylinder. A small slap hammer removes the bone core with the centering cylinder from the Coring Reamer.

Also available in a double-long length for increased accuracy.

Centering Cylinder for 7 mm Coring Reamer (a) AR-1220CC
Centering Cylinder for 8 mm Coring Reamer AR-1222CC
Centering Cylinder for 9 mm Coring Reamer AR-1223CC
Centering Cylinder for 10 mm Coring Reamer (a) AR-1224CC
Centering Cylinder for 11 mm Coring Reamer AR-1226CC
Centering Cylinder for 12 mm Coring Reamer AR-1227CC
Centering Cylinder for 13 mm Coring Reamer (a) AR-1229CC
Centering Cylinder for 14 mm Coring Reamer AR-1231CC
Centering Cylinder for 7 mm Coring Reamer (double-long) (b) AR-1220CCL
Centering Cylinder for 8 mm Coring Reamer (double-long) AR-1222CCL
Centering Cylinder for 9 mm Coring Reamer (double-long) AR-1223CCL
Centering Cylinder for 10 mm Coring Reamer (double-long) AR-1224CCL
Graft Extractor for Coring Reamer AR-1232
**GRAFT PREP, SIZING & PRETENSIONING**

**GRAFT PREP STATION SYSTEM**

The Graft Prep Station offers the maximum flexibility in graft preparation. By choosing from a selection of interchangeable posts, the surgeon can prepare and pretension soft tissue or bone tendon grafts for ACL and PCL reconstruction.

The Tensioning Device detaches from the workstation and is passed to the surgeon, with the graft, to facilitate simple, quantifiable graft tensioning during tibial fixation (h).

The Graft Sizing Block allows accurate sizing of the graft, while it is still positioned on the workstation.

The 3” long Graft Preparation Nitinol Suturing Needles (j) facilitate easier, safer suture passing and graft preparation.

**Graft Prep Station, Basic Set (AR-2950S) includes:**
- Graft Prep Station Base (a)  AR-2950
- Graft Workstation Posts for Patellar Tendon (b)  AR-1959
- Graft Workstation Adjustable Post (c)  AR-1953
- Graft Workstation Stationary Posts (d)  AR-1951
- Graft Sizing Block (e)   AR-1886
- Graft Prep Station Instrumentation Case  AR-2950C

**Graft Prep Station, Master Set (AR-2950MS), in addition to the above, includes:**
- Soft Tissue Clamps, adjustable (f)  AR-2950B
- Soft Tissue Clamps, fixed (g)  AR-2950B-1
- Tensioning Device (h)  AR-4002
- Tensioning Device Post (i)  AR-4003A

**Accessories:**
- Cutting Board Replacement AR-2950B
- Hex Key, #8 Hex Head Screw AR-2950B-1
- RetroButton Graft Prep Station (k) AR-1588GP
- Graft Preparation Nitinol Suturing Needle, qty. 10 AR-3291-3
- #2 FiberLoop w/Straight Needle (j) AR-1234

**TIBIAL TUNNEL GRAFT HARVESTING**

The Coring Reamer System is designed to harvest a cylinder of cancellous bone while simultaneously creating the tibial tunnel. The harvested core can then be used to fill the patellar tendon harvest site or to fill tunnels during ACL/PCL revision procedures.

The distal tunnel should be drilled up to a depth of 10 mm with a Cannulated Drill that is 1 mm larger in diameter than the selected Coring Reamer, prior to collared pin insertion. The pin positioner facilitates simplified collared pin exchange. The Coring Reamer is then drilled over the collared pin for directional control and subsequent bone core removal.

The Coring Reamer is also available in 13 and 14 mm diameters for “retightening” of an intact ACL graft which is executed by cutting around the tibial insertion of the graft. The tibial bone core is pulled distally and secured with an interference screw.

**Coring Reamer & Collared Pin Sets, 7 - 14 mm**
- AR-1220S, 1222S, 1223S, 1224S, 1226S, 1227S, 1229S and 1231S
- Collared Pin Positioners, 8 mm - 11 mm (inset) AR-1868 to AR-1871

**BONE GRAFT HARVESTING**

13
FIBERWIRE® and TIGERWIRE® SUTURE

FiberWire sutures are a new generation of polyester suture with an ultra-high molecular weight polyethylene core. FiberWire has greater strength than similar sized polyester suture with superior feel, smooth tying characteristics and lower knot profile. FiberWire is the ideal suture for most orthopaedic soft tissue repairs, virtually eliminating suture breakage during knot tying.

#2 TigerWire, a white suture with black spiral markings, was created specifically for arthroscopic surgeons that require superior suture visibility, easier arthroscopic orientation and motion determination. Cyclic loading of #2 FiberWire resulted in 1,000,000 cycles without failure compared to 160,000 cycles of standard #2 polyester to failure. All FiberWire and TigerWire are sterile and single use.

#2 FiberWire, 38 inches (blue) w/Tapered Needle, 26.5 mm 1/2 circle    AR-7200
#2 FiberWire, 38 inches (blue) w/Reverse Cutting Needle, 36.6 mm 1/2 circle AR-7202
#2 FiberWire, 38 inches (blue) w/two Tapered Needles, 26.5 mm 1/2 circle AR-7205
#2 FiberWire, 38 inches (blue, white/black) w/Tapered Needle, 26.5 mm 1/2 circle AR-7208
#2 FiberWire, 38 inches (blue) AR-7233
#5 FiberWire, 38 inches (blue) AR-7210
#5 FiberWire, 38 inches w/Conventional Cutting Needle, 48 mm 1/2 circle AR-7211
2-0 FiberWire, 18" (blue) w/Tapered Needle, 26.5 mm 1/2 circle AR-7242
2-0 FiberWire, 18 inches (blue) w/Tapered Needle, 17.9 mm 3/8 circle AR-7220
2-0 FiberWire, 38 inches (blue) AR-7221
2-0 FiberWire Meniscus Repair Needles AR-7223
3-0 FiberWire, 18 inches (blue) w/Diamond Point Needle, 26.2 mm 3/8 circle AR-7225
3-0 FiberWire, 18 inches (blue) w/Tapered Needle, 15 mm 3/8 circle AR-7227-01
3-0 FiberWire, 18 inches (blue) w/RC Needle, 16.3 mm 3/8 circle AR-7227-02
4-0 FiberWire, 18 inches (blue) w/Diamond Point Needle, 18.7 mm 3/8 circle AR-7228
4-0 FiberWire, 18 inches (blue) w/Tapered Needle, 12.3 mm 3/8 circle AR-7230-01
4-0 FiberWire, 18 inches (blue) w/RC Needle, 11.9 mm 3/8 circle AR-7230-02
4-0 FiberWire, 13" (white) w/Tapered Needle, 12.7 mm 1/2 circle AR-7248
0 FiberWire, 38 inches (blue) w/Tapered Needle, 22.2 mm 1/2 circle AR-7250
0 FiberWire, 38 inches (blue) w/Diamond Point Needle, 22.2 mm 1/2 circle AR-7251

FiberWire Suture Kit AR-7219
#2 FiberWire Fast Pack w/Quick Release Needles AR-7231

#2 FiberWire, 38 inches, 2 strands (1 blue, 1 white/black) AR-7201
#2 TigerWire, 38 inches (white/black), (a) AR-7203
#2 TigerWire, 38 inches (white/black) w/two Tapered Needles, 26.5 mm 1/2 circle AR-7205T

FIBERSTICK™ and TIGERSTICK®

FiberStick, available in #2 or 2-0 sizes, is FiberWire with a stiffened 12 inch end. Used in conjunction with small diameter cannulated suture passing instruments, it makes suture passing easy. By allowing simple push-through passing of FiberWire suture, it alleviates the need for a monofilament suture or wire suture shuttle. FiberSticks are sterile and come packaged with the stiff end in a plastic tube.

TigerStick is a white #2 FiberStick with black stripes and a stiffened 12 inch end. It is especially useful when motion determination and alternating colored sutures are required in the arthroscopic environment.

#2 FiberStick, #2 FiberWire, 50 inches (blue) one end stiffened, 12 inches (a) AR-7209
#2 TigerStick, #2 TigerWire, 50 inches (white/black) one end stiffened, 12 inches AR-7209T
2-0 FiberStick, 2-0 FiberWire, 50 inches (blue) one end stiffened, 12 inches AR-7222
#2 FIBERLOOP® and TIGERLOOP™

The #2 FiberLoop is a continuous loop of #2 FiberWire on a thin, straight Nitinol needle. The straight needle is easy to handle and moves freely on the suture to recenter itself after passing through tissue and facilitating even tension. Graft preparation using the Arthrex SpeedWhip™ technique drastically reduces time spent preparing the graft, uniformly compresses the graft, improves strength and allows for last minute adjustments in graft length.

- #2 FiberLoop w/Straight Needle   AR-7234
- #2 TigerLoop w/Straight Needle, w/TigerWire  AR-7234T
- #2 FiberLoop w/Curved Needle, 20" (blue), 1/2 circle  AR-7234C

4-0 and 2-0 FIBERLOOP

FiberLoop is a suture option for multi-strand tendon repairs. These small diameter looped FiberWire products allow for strong multi-strand flexor and extensor tendon repairs while reducing tendon damage from multiple needle passes. FiberLoop is available with multiple needle options to prevent cutting suture while stitching.

- 4-0 FiberLoop, 6" (white) w/Tapered Needle, 12.7 mm 1/2 circle  AR-7249-12
- 4-0 FiberLoop, 10" (white) w/Tapered Needle, 12.7 mm 1/2 circle  AR-7249-20
- 4-0 FiberLoop, 40 FiberWire, 12 inches (blue) w/Tapered Needle, 17.9 mm 3/8 circle  AR-7229-12
- 4-0 FiberLoop, 40 FiberWire, 20 inches (blue) w/Tapered Needle, 17.9 mm 3/8 circle  AR-7229-20
- 4-0 FiberLoop, 40 FiberWire, 20 inches (blue) w/Diamond Point Needle, 48 mm 1/2 circle  AR-7232-01
- 2-0 FiberLoop, 48 inches (blue) w/Diamond Point Needle, 26.2 mm 3/8 circle  AR-7232-02
- 2-0 FiberLoop, 30 inches (blue) w/Diamond Point Straight Needle, 64.8 mm  AR-7232-03
- 0 FiberLoop w/Straight Needle, 13" (blue), 76 mm needle w/7 mm loop  AR-7253

FIBERTAPE®

FiberTape is an ultra-high strength 2 mm width tape using the long chain polyethylene structure of the FiberWire suture. The broad footprint of the FiberTape is appropriate for repairs in degenerative tissue where tissue pull-through may be a concern.

FiberTape, 2 mm, 38 inches (blue)
each end tapered to #2 FiberWire, 8 inches (total length 54 inches)  AR-7237

FIBERSNARE®

FiberSnare with closed loop provides an easy one step approach to creating a FiberWire loop on the tip of the Bio-Tenodesis Driver. Instead of using a nitinol wire, insert the stiff non-looped end retrograde through the tip of the Bio-Tenodesis Driver. The FiberSnare can also be used as a suture shuttle for passage of traction sutures through bone tunnels.

- #2 FiberSnare, #2 FiberWire, 26 inches, one strand (green) stiffened w/closed loop, 12 inches  AR-7209SN

SUTURE TENSIONER W/TENSIOMETER

The Suture Tensioner with Tensiometer allows simple, reproducible graft tensioning intraoperatively for both transtibial and all-inside ACL/PCL reconstruction. The footpiece may be used to secure the tensioner around the tibial tunnel, allowing placement of an interference screw during tensioning. Remove the foot to simultaneously tension and tie graft sutures over a button or suture post.

Suture Tensioner w/Tensiometer   AR-1529
Tensiometer Foot   AR-1530
Sheathed Bio-Interference Screw

The Sheathed Bio-Interference Screw of pure, primarily amorphous PLLA has a long term clinical follow up history that assures a safe, mechanically reliable interference screw fixation. The unique, full length hex design distributes insertion torque forces over the entire screw length, reducing breakage or stripping associated with other bioabsorbable or composite screws. The windowed sheath eases screw insertion into the joint and prevents soft tissue graft rotation during insertion. The sheath also facilitates easy arthroscopic screw removal during size changes or revisions. The screw is simply screwed back into the sheath for arthroscopic removal.

Sheathed Bio-Interference Screw, 6 mm x 23 mm  AR-1360B
Sheathed Bio-Interference Screw, 7 mm x 23 mm  AR-1370B
Sheathed Bio-Interference Screw, 8 mm x 23 mm  AR-1380B
Sheathed Bio-Interference Screw, 9 mm x 23 mm  AR-1390B
Sheathed Bio-Interference Screw, 10 mm x 23 mm  AR-1400B

Guide Pin available sterile in the Transtibial ACL Disposables Kit (see page 10)

Sheathed Interference Screw™

The Sheathed Interference Screw with rounded head provides secure protection of the graft during Transtibial endoscopic ACL reconstruction. The new translucent sheath improves arthroscopic visualization of the screw during insertion and eases introduction through arthroscopy portals and fat pad.

The sheath also facilitates arthroscopic screw removal from the femoral tunnel during size changes or revision procedures by backing the screw into the sheath which holds the screw during removal from the joint.

The larger cannulation allows insertion over a 2 mm diameter Nitinol Guide Pin with 25 & 30 mm depth markings. The 2 mm diameter helps to reduce divergence which may cause traditional smaller diameter pins to bend or kink, making them difficult to remove.

Sheathed Cannulated Interference Screw, 6 mm x 20 mm   AR-1360E
Sheathed Cannulated Interference Screw, 6 mm x 25 mm   AR-1361E
Sheathed Cannulated Interference Screw, 7 mm x 15 mm   AR-1375E
Sheathed Cannulated Interference Screw, 7 mm x 20 mm   AR-1370E
Sheathed Cannulated Interference Screw, 7 mm x 25 mm   AR-1371E
Sheathed Cannulated Interference Screw, 7 mm x 30 mm   AR-1372E
Sheathed Cannulated Interference Screw, 8 mm x 20 mm   AR-1380E
Sheathed Cannulated Interference Screw, 8 mm x 25 mm   AR-1381E
Sheathed Cannulated Interference Screw, 8 mm x 30 mm   AR-1382E
Sheathed Cannulated Interference Screw, 9 mm x 20 mm   AR-1390E
Sheathed Cannulated Interference Screw, 9 mm x 25 mm   AR-1391E

Guide Pin available sterile in the Transtibial ACL Disposables Kit (see page 10)

Osferion Trapezoid

Osferion is an osteoconductive bone graft substitute and bone void filler consisting of 100% high purity Beta-tricalcium phosphate (ß-TCP). Osferion has a macro and micro porous structure that allows for excellent cell communication to promote vascularization. It allows for simultaneous controlled absorption and promotion of osteogenesis. The Osferion Trapezoids may be used as a bone void filler in bone-patellar tendon-bone harvest sites.

Osferion Trapezoid, 8 mm x 25 mm x 7 mm x 75˚  AR-11372-1
Osferion Trapezoid, 9 mm x 25 mm x 7 mm x 75˚  AR-11372-2
Osferion Trapezoid, 10 mm x 25 mm x 7 mm x 75˚  AR-11372-3
FULL THREAD TIBIAL BIO-INTERFERENCE SCREW

The pure, primarily amorphous PLLA Full Thread Bio-Interference Screw is an ideal 28 mm length to provide full thickness thread contact along the entire length of a 25 mm long BTB bone plug. Arthrex offers 7, 8, 9, 10, 11 and 12 mm diameters to accommodate all size graft and tunnel diameters. When fixating a BTB graft, a screw diameter 1 to 2 mm smaller than the tunnel diameter is recommended for maximum fixation. Screws are inserted over a guide pin secured anterior to the graft with a clamp in the joint to eliminate screw migration during insertion.

- Full Thread Bio-Interference Screw, 7 mm x 28 mm  AR-1370TB
- Full Thread Bio-Interference Screw, 8 mm x 28 mm  AR-1380TB
- Full Thread Bio-Interference Screw, 9 mm x 28 mm  AR-1390TB
- Full Thread Bio-Interference Screw, 10 mm x 28 mm  AR-1400TB
- Full Thread Bio-Interference Screw, 11 mm x 28 mm  AR-1403TB
- Full Thread Bio-Interference Screw, 12 mm x 28 mm  AR-1404TB

Guide Pin available sterile in the Transtibial ACL Disposables Kit (see page 10)

FULL THREAD TITANIUM AND PEEK TIBIAL INTERFERENCE SCREW

All Full Thread Screws are precision manufactured of titanium alloy and are fully cannulated. They are supplied sterile and individually packed. Cannulated screws should be used in conjunction with a 2 mm diameter Nitinol Guide Pin.

- Full Thread Cannulated Interference Screw, 7 mm x 20 mm  AR-1370T
- Full Thread Cannulated Interference Screw, 7 mm x 25 mm  AR-1371T
- Full Thread Cannulated Interference Screw, 7 mm x 30 mm  AR-1372T
- Full Thread Cannulated Interference Screw, 8 mm x 20 mm  AR-1380T
- Full Thread Cannulated Interference Screw, 8 mm x 25 mm  AR-1381T
- Full Thread Cannulated Interference Screw, 8 mm x 30 mm  AR-1382T
- Full Thread Cannulated Interference Screw, 9 mm x 20 mm  AR-1390T
- Full Thread Cannulated Interference Screw, 9 mm x 25 mm  AR-1391T
- Full Thread Cannulated Interference Screw, 9 mm x 30 mm  AR-1392T
- Full Thread Cannulated Interference Screw, 10 mm x 20 mm  AR-1400T
- Full Thread Cannulated Interference Screw, 10 mm x 25 mm  AR-1401T
- Full Thread Cannulated Interference Screw, 10 mm x 30 mm  AR-1402T
- PEEK Interference Screw, 6 mm x 23 mm  AR-1360P
- PEEK Interference Screw, 7 mm x 23 mm  AR-1370P
- PEEK Interference Screw, 8 mm x 23 mm  AR-1380P
- PEEK Interference Screw, 9 mm x 23 mm  AR-1390P
- PEEK Interference Screw, 10 mm x 23 mm  AR-1400P

Guide Pin available sterile in the Transtibial ACL Disposables Kit (see page 10)
The BioComposite Interference Screw is comprised of 30% biphasic calcium phosphate and 70% PLDLA and is intended for use as a fixation device for bone-patellar tendon-bone (BTB) and soft tissue grafts during ACL and PCL reconstruction procedures. The blending and binding process of the two materials adds significant strength to the implant by virtually eliminating stress risers while creating a macro and micro porous matrix to aid in the bone remodeling and replacement process. Each screw has a stepped tapered design which maximizes insertion torque, as the screw is fully seated. The thread form has been optimized to ease insertion and maximize soft tissue and bone fixation in cortical and cancellous bone.

The new cannulated hexalobe drive system enhances the screw family by providing one universal drive system for all screws and significantly improved torsional and insertion strength. Each screw fully seats on and is completely supported along the entire length of the driver tip.

Clinical reports suggest that biphasic calcium phosphate is safe and has excellent potential for orthopaedic applications. As the focus of many bone replacement studies, early bone formation can be connected to the favorable osteoconductive and bioresorbable properties within biphasic calcium phosphates.
SOFT TISSUE & BTB

GRAFT FIXATION

TRANSFIX II CROSS PIN FIXATION

The 5 mm Bio-TransFix Implant (for soft tissue) and the 3 mm Bone Tendon Bio-TransFix Implant (for bone-tendon grafts) provide the surgeon with maximum pull-out strength while maintaining fast and efficient implantation methods. Increased graft compression in the femoral tunnel gives a secure transverse femoral fixation second to none. The implant is impacted to securely fixate the graft in place.

Titanium TransFix cross pin fixation provides some of the strongest femoral fixation of any metal implant for soft tissue or bone-tendon grafts available. With soft tissue, single cross pin fixation equalizes the length and load to all four graft strands independent of tibial fixation, maximizing graft stiffness. For bone-tendon grafts, single cross pin fixation uses a single graft drill hole for both graft passing and implant insertion, significantly reducing the possibility of graft fracture. It also enables the implant to be consistently centered in the graft and femoral socket.

The 3 mm TransFix Implant allows insertion by impaction and has reverse cutting threads for screw-out removal. The TransFix Screw is rotated into position to securely fixate the graft. Self-cutting, self-tapping screw threads allow for easy insertion or removal during revision procedures. Both the TransFix Implant and TransFix Screw, available in 40 or 50 mm lengths, are made from titanium for maximum strength. All screws and implants are sterile and single use.

Bio-TransFix Implant, 5 mm x 40 mm AR-1351B
Bio-TransFix Implant, 5 mm x 50 mm (b) AR-1351LB
Bone Tendon Bio-TransFix, 3 mm x 40 mm AR-1351BT
Bone Tendon Bio-TransFix, 3 mm x 50 mm (d) AR-1351LBT
TransFix Implant, 3 mm x 40 mm, titanium (c) AR-1351L
TransFix Implant, 3 mm x 50 mm, titanium AR-1351LBT
TransFix Screw, 3 mm x 40 mm, titanium (a) AR-1363
TransFix Screw, 3 mm x 50 mm, titanium AR-1363L
TransFix Disposables Kit, sterile AR-1978S
BTB TransFix II Pin and Graft Passing Wire Set AR-1971S

DELTA TAPERED BIO-INTERFERENCE SCREW

The cannulated 35 mm long Delta Screw of pure, primarily amorphous PLLA tapers 1.5 mm from distal to proximal to ease insertion yet provide maximum compression and fixation of soft tissue grafts. The Delta Screw can be inserted eccentrically to whipstitched grafts or inserted concentrically between individual graft strands separated into quadrant notches made with a Quad Notcher. In this case, the graft is tensioned using the Graft Spreader to eliminate graft rotation during screw insertion. A Delta Screw distal end diameter should be 1 to 2 mm larger than the tunnel diameter when fixating soft tissue grafts in the tibial tunnel.

Cannulated Delta Tapered Bio-Interference Screw, 7.5 mm - 9 mm AR-5035TB-09
Cannulated Delta Tapered Bio-Interference Screw, 8.5 mm - 10 mm AR-5035TB-10
Cannulated Delta Tapered Bio-Interference Screw, 9.5 mm - 11 mm AR-5035TB-11
Cannulated Delta Tapered Bio-Interference Screw, 10.5 mm - 12 mm AR-5035TB-12
Cannulated Screwdriver for Delta Bio-Interference Screw AR-1486
Cannulated Screwdriver Shaft for Delta Bio-Interference Screw AR-1997D

28 MM ROUND DELTA BIO-INTERFERENCE SCREW

The cannulated round head 28 mm Delta Bio-Interference Screw was designed specifically for femoral soft tissue graft fixation. The delta screw diameter increases 1.5 mm from distal to proximal to allow easier starting, increased graft compression and subsequent fixation strength upon full insertion.

Clear PLLA screws provide transparent, arthroscopic visualization of the graft through the screw during and after fixation to confirm anatomical orientation of the graft.

The translucent screw sheath that accompanies the 8, 9 or 10 mm screw eases screw insertion into the joint space and prevents graft wrapping.

Round Delta Tapered Bio-Interference Screw w/Sheath, 8 mm x 28 mm AR-5028B/08
Round Delta Tapered Bio-Interference Screw w/Sheath, 9 mm x 28 mm AR-5028B/09
Round Delta Tapered Bio-Interference Screw w/Sheath, 10 mm x 28 mm AR-5028B/10
Round Delta Tapered Bio-Interference Screw, 11 mm x 28 mm AR-5028B/11

Guide Pin available sterile in the Transtibial ACL Disposables Kit (see page 16)
A revolutionary advancement in tibial and femoral soft tissue graft fixation, the PLLA or titanium RetroScrews are available with left and right handed threads and allow true tunnel orifice graft fixation with a round head, to minimize graft abrasion and tunnel widening with maximum graft fixation and stiffness. Retrograde insertion provides strong fixation in cortical bone and prevents synovial fluid migration into the tibial tunnel.

A FiberStick traction suture is passed through a thin, cannulated screwdriver and the screwdriver is inserted past the graft. The RetroScrew is inserted through the anteromedial portal with a Shoehorn Cannula and the traction suture pulled to seat the screw on the driver. The screw is inserted into the tunnel orifice in the same direction as graft tensioning.

**RetroScrew®,**

- **RetroScrew, 7 mm x 20 mm AR-1586RB-07**
- **RetroScrew, 8 mm x 20 mm AR-1586RB-08**
- **RetroScrew, 9 mm x 20 mm AR-1586RB-09**
- **RetroScrew, 10 mm x 20 mm AR-1586RB-10**
- **Femoral RetroScrew, 7 mm x 20 mm AR-1586FRB-07**
- **Femoral RetroScrew, 8 mm x 20 mm AR-1586FRB-08**
- **Femoral RetroScrew, 9 mm x 20 mm AR-1586FRB-09**
- **Femoral RetroScrew, 10 mm x 20 mm AR-1586FRB-10**
- **Titanium Femoral RetroScrew, 7 mm x 20 mm AR-1586FR-07**
- **Titanium Femoral RetroScrew, 8 mm x 20 mm AR-1586FR-08**
- **Titanium Femoral RetroScrew, 9 mm x 20 mm AR-1586FR-09**
- **Titanium Femoral RetroScrew, 10 mm x 20 mm AR-1586FR-10**
- **Titanium Tibial RetroScrew, 8 mm x 20 mm AR-1586RB-08**
- **Titanium Tibial RetroScrew, 9 mm x 20 mm AR-1586RB-09**
- **Titanium Tibial RetroScrew, 10 mm x 20 mm AR-1586RB-10**
- **RetroScrew Reverse Thread, 8 mm x 20 mm AR-1586LB-08**
- **RetroScrew Reverse Thread, 9 mm x 20 mm AR-1586LB-09**
- **RetroScrew Reverse Thread, 10 mm x 20 mm AR-1586LB-10**

**Accessories:**
- **RetroScrew Driver, thin (a) AR-1586R**
- **Retro Tunnel Notcher AR-1843BT**
- **FiberStick, #2 FiberWire, 50 inches (blue) one end stiffened, 12 inches AR-7209**
- **Shoehorn Cannula, 6 mm I.D. x 9 cm, sterile, qty. 5 AR-6565**
- **RetroScrew Tamp AR-1586ST**
- **RetroScrew Tamp, 90˚ AR-1586ST-90**

**SUTURE BUTTONS**

Two and four-hole titanium Suture Buttons are ideal for primary or backup FiberWire fixation of ACL/PCL grafts and augmenting bone bridges. Suture Buttons come presterilized and ready for use.

- **Suture Button, 3.5 mm (b) and 12 mm round (c) AR-8920 and AR-8922**
- **Suture Button Inserter AR-8923**

**RETROBUTTON®**

The RetroButton is the fastest way to obtain strong suture button fixation on cortical bone. The 12 mm or 15 mm long titanium buttons pass through a 3 mm cortical pin hole without overdrilling, which saves time and preserves bone. The simplified measuring technique also reduces steps and improves sizing accuracy. The continuous polyethylene loop, available in 10 lengths (15 - 60 mm), provides maximum strength and stiffness with a widened, atraumatic graft interface to protect graft integrity.

- **RetroButton, 12 mm, 15 - 60 mm loop AR-1588-15 - AR-1588-60**
- **RetroButton, 15 mm long, 15 - 60 mm loop AR-1589-15 - AR-1589-60**
- **RetroButton for BTB, 12 mm, 15 - 60 mm loop AR-1588-25BT - AR-1588-50BT**
- **RetroButton for BTB, 15 mm long, 15 - 60 mm loop AR-1589-25BT - AR-1589-50BT**
- **RetroButton Drill Pin II AR-1595**
- **RetroButton Drill Pin, 3 mm AR-1599**
- **RetroButton Depth Guide AR-1270**
- **RetroButton Graft Prep Station (d) AR-1586GP**
QUICK-CONNECT SCREWDRIVER SYSTEM

The non-slip handle provides a more comfortable and controlled method of interference screw insertion than conventional screwdrivers. The Hudson locking mechanism allows for instant interchangeability of tips to facilitate insertion of titanium or Bio-Interference Screws.

The short shaft attachments provide greater control during tibial screw fixation.

The Torque Measurement Device, in conjunction with the Ratcheting Screwdriver Handle, provides a quantifiable method of measuring insertion torque which directly correlates to pull-out strength of ACL/PCL reconstructions.

Ratcheting Screwdriver Handle (a) AR-1999
Non-Ratcheting Screwdriver Handle AR-1999NR
Easy-In and Easy-Out (c) AR-1993 and 1994
Cannulated Bio-Interference Screwdriver Shaft, ø5.5 mm x 17 cm AR-1997
Cannulated Screwdriver Shaft for Delta Bio-Interference Screw AR-1997D
Cannulated Short Screwdriver Shaft for Bio-Interference Screw, ø5.5 mm x 13.4 cm AR-1997SH
Cannulated Screwdriver Shaft, 3.5 mm Hex, ø5.5 mm x 17 cm AR-1998
Cannulated Short Screwdriver Shaft, 3.5 mm Hex, ø5.5 mm x 11.6 cm AR-1998SH
Torque Measurement Device (b) AR-1990

BIO-INTERFERENCE SCREW SET

Designed specifically for the Bio-Interference Screw, this complete set includes a non-slip, quick-connect ratcheting handle with procedure specific driver shafts that facilitate a more comfortable and controlled method of interference screw insertion.

Tunnel-specific screwdriver shafts provide the optimal length and tip configuration for femoral and tibial tunnel screw insertion.

The Tunnel Notcher for Bio-Interference Screw is slightly wider to provide easy purchase of screws without screw or graft rotation. Easy-In and Easy-Out attachable shafts provide a simple solution to complete insertion/removal of stripped or cracked screws from any bioabsorbable or metal interference screw manufacturer.


Bio-Interference Screw Set (AR-1901S) includes:
Ratcheting Screwdriver Handle (a) AR-1999
Cannulated Bio-Interference Screwdriver Shaft, ø5.5 mm x 17 cm AR-1997
Cannulated Screwdriver Shaft for Delta Bio-Interference Screw AR-1997D
Guide Pin Tip Transtibial Screwdriver Shaft for Bio-Interference Screw AR-1997GT
Cannulated Short Screwdriver Shaft for Bio-Interference Screw AR-1997SH
Guide Pin Tip Screwdriver for Bio-Interference Screw AR-1386
Easy-In and Easy-Out (c) AR-1993 and 1994
Tunnel Notcher for Bio-Interference Screw AR-1845
Bio-Interference Screw Instrumentation Set Case AR-1901

ACL REVISION SET

The ACL Revision set conveniently combines all of the most commonly needed ACL implant removal instruments into one small case.

ACL Revision Set (AR-1896RS) includes:
Non-Ratcheting Screwdriver Handle AR-1999NR
Cannulated Transtibial Screwdriver Shaft, 3.5 mm Hex, ø4 mm x 19.6 cm AR-1998T
Cannulated Transtibial Screwdriver Shaft, 2.5 mm Hex AR-1998T-25
Cannulated Transtibial Screwdriver Shaft, 3 mm Hex AR-1998T-30
Cannulated Transtibial Screwdriver Shaft, 4 mm Hex, cannulated AR-1998T-40
Bio-TransFix Extraction Pin AR-1973E
Easy-In and Easy-Out (c) AR-1993 and 1994
Cannulated Screwdriver Shaft for Delta Bio-Interference Screw AR-1997D
ACL Revision Set Instrumentation Case AR-1896RC
Bio-Tenodesis™ Screw System

Backup fixation of ACL/PCL grafts using the Bio-Tenodesis Screw System should be considered in situations of poor metaphyseal bone or when less than 15 in/lbs of insertion torque is quantified during Delta Screw insertion. Bio-Tenodesis Screw fixation with FiberWire significantly increases tibial fixation strength without soft tissue post-op irritation. The Bio-Tenodesis Screw may be used to secure the graft end directly into a 1 cm distally drilled socket or with FiberWire alone as a screw/post substitute. The Bio-Tenodesis System is also ideal for MCL, LCL, PLC, or ACL/PCL reconstruction.

Bio-Tenodesis Master Set (AR-1675S) includes:

- Tear Drop Handle w/Suture Cleat AR-2001B
- Cannulated Drills, 4 mm & 4.5 mm AR-1204L & AR-1204.5L
- Cannulated Headed Reamers, 5 mm - 10 mm AR-1405 - 1410
- Driver for 10 mm Bio-Tenodesis Screw AR-1540DB
- Driver for 12 mm Bio-Tenodesis Screw AR-1670DB
- Driver for 15 mm Bio-Tenodesis Screw AR-1350D
- Driver for 23 mm Bio-Tenodesis Screw AR-1570D
- Bio-Tenodesis Screw Instrumentation Case AR-1675C

Bio-Tenodesis Screw System Implants:

- PEEK Tenodesis Screw, 4 mm x 10 mm AR-1540PS
- PEEK Tenodesis Screw, 4.75 mm x 15 mm AR-1547PS
- PEEK Tenodesis Screw, 7 mm x 10 mm AR-1670PS
- PEEK Tenodesis Screw, 7 mm x 23 mm AR-1570PS
- PEEK Tenodesis Screw, 5.5 mm x 10 mm AR-1655PS-10
- PEEK Tenodesis Screw, 5.5 mm x 12 mm AR-1655PS-12
- PEEK Tenodesis Screw, 5.5 mm x 15 mm AR-1555PS
- PEEK Tenodesis Screw, 5.5 mm x 8 mm AR-1655PS
- PEEK Tenodesis Screw, 6.25 mm x 15 mm AR-1562PS
- PEEK Tenodesis Screw, 8 mm x 12 mm AR-1568PS
- PEEK Tenodesis Screw, 8 mm x 23 mm AR-1580PS
- PEEK Tenodesis Screw, 9 mm x 23 mm AR-1590PS
- Bio-Tenodesis Screw, 4 mm x 10 mm AR-1540B
- Bio-Tenodesis Screw, 4.75 mm x 15 mm AR-1547B
- Bio-Tenodesis Screw, 5.5 mm x 15 mm AR-1555B
- Bio-Tenodesis Screw, 6.25 mm x 15 mm AR-1562B
- Bio-Tenodesis Screw, 7 mm x 23 mm AR-1570B
- Bio-Tenodesis Screw, 7 mm x 10 mm AR-1670B
- Bio-Tenodesis Screw, 8 mm x 12 mm AR-1680B
- Bio-Tenodesis Screw, 8 mm x 23 mm AR-1580B
- Bio-Tenodesis Screw, 9 mm x 23 mm AR-1590B
- Tenodesis Screw, 5.5 mm x 15 mm, titanium AR-1350-55
- Tenodesis Screw, 4.75 mm x 15 mm, titanium AR-1350-475

Disposables:

- Bio-Tenodesis Disposables Kit AR-1674DS
- Small Diameter Bio-Tenodesis Disposables Kit AR-1677DS
- #2 FiberSnare, #2 FiberWire, 26 inches (green), stiffened w/closed loop, 12 inches AR-7209SN
- #2 FiberLoop w/ Straight Needle AR-7234

Cannulated Drill Bits (accepts 2.4 mm K-wires)

- 2.5 mm cannulation, for use with AR-1676DS: AR-1676C-25
- Cannulated Drill Bits, 5 mm - 6.5 mm AR-1676C-50 - AR-1676C-65
- 1.7 mm cannulation, for use with AR-1677DS: AR-1677C-17
- Cannulated Drill Bits, 4 mm - 5.5 mm AR-1677C-40 - AR-1677C-55

Optional Accessories:

- Bio-Tenodesis Tap, 4 mm x 10 mm AR-1540T
- Bio-Tenodesis Tap, 4.75 mm x 15 mm AR-1547T
- Bio-Tenodesis Tap, 5.5 mm x 15 mm AR-1555T
- Bio-Tenodesis Tap, 6.25 mm x 15 mm AR-1562T
- Bio-Tenodesis Tap, 7 mm x 23 mm AR-1570T
- Bio-Tenodesis Tap, 7 mm x 10 mm AR-1670T
- Bio-Tenodesis Tap, 8 mm x 12 mm AR-1680T
- Tenodesis Screwdriver AR-2255D
- Drill Pin Tip Headed Reamer, 7 mm AR-1407DP
SUTURE ANCHORS FOR THE KNEE

The 2.8 mm diameter titanium FASTak II w/#2 FiberWire is the ideal suture anchor for soft tissue-to-cortical-bone fixation around the knee. No instruments, predrilling or tapping is required, just drill it.

The 3 mm diameter Bio-SutureTak w/ Needles is a bioabsorbable PLDLA option for soft tissue-to-cortical-bone. Just predrill and tap in with a small mallet.

The 5 mm diameter Bio-Corkscrew w/#2 FiberWire is the right option for larger repairs in cancellous bone or when maximum pull-out strength is required. A hole is punched and pretapped prior to insertion. #5 FiberWire can be exchanged for #2 FiberWire when required.

All Arthrex anchors come sterile and loaded on a single use driver, ready for use.

**Bio-PushLock, 3.5 mm x 14 mm**  AR-1926B
**PEEK PushLock, 3.5 mm x 14 mm** AR-1926PS
**BioComposite PushLock, 3.5 mm x 14 mm** AR-1926BC
**Bio-PushLock, 4.5 mm x 18.5 mm**  (a) AR-1922B
**PEEK PushLock, 4.5 mm x 18.5 mm** AR-1922PS

**Bio-SwiveLock Suture Anchor, 4.75 mm**  AR-1934BSL
**Bio-SwiveLock Suture Anchor, 5.5 mm** AR-1923BSL
**PEEK SwiveLock Suture Anchor, 5.5 mm** AR-1923PSL

**Bio-SutureTak® Suture Anchor w/Needles, 3 mm** (a) AR-1934BN
**Short Spear for BioSutureTak** AR-1326G
**Short Spade Tip Drill** AR-1256

**FASTak™ II Suture Anchor w/#2 FiberWire, 2.8 mm** (b) AR-1924SF
**FASTak II Suture Anchor w/Handle, 2.8 mm x 11.7 mm** AR-1924H
**FASTak II Suture Anchor w/Handle and #2 FiberWire, 2.8 mm x 11.7 mm** AR-1924HF

**Bio-Corkscrew® w/two #2 FiberWire (c)** AR-1920BF
**Bio-Corkscrew Cutting Punch, 5 mm** AR-1920CPB
**Bio-Corkscrew Combo Punch/Tap, 5 mm** AR-1920PTB
**Bio-Corkscrew Combo Punch/Tap, 6.5 mm** AR-1925PTB
**Bio-Corkscrew Punch, 5 mm** AR-1920PB

BI-CORTICAL BIO-POST® SYSTEM

The Bi-Cortical Bio-Post and Washer System offers a bioabsorbable PLLA screw for suture or soft tissue fixation in ligament repair or reconstruction. The nontapered 6.5 mm diameter screw has a unique hybrid thread that is designed to provide maximum fixation in bone. The screw comes in one length, 70 mm, and can be easily cut to size intraoperatively using the Screw Cutting Guide and Screw Cutting Forceps. The unique one-size-fits-all feature may also help reduce the number of screw product codes maintained in inventory.

**Bi-Cortical Bio-Post, 6.5 mm x 70 mm**  AR-1367B

**Bi-Cortical Bio-Post Instrumentation Set (AR-1367S) includes:**
- Drill Tip Guide Pin, 1.5 mm  AR-4165K
- Bi-Cortical Bio-Post Countersink  AR-1367
- Bi-Cortical Bio-Post Drill Bit  AR-1367D
- Bi-Cortical Bio-Post Driver  AR-1367DB
- Screw Cutting Forceps  AR-1367F
- Drill Guide  AR-1367G
- Bone Cutting Guide  AR-1367J
- Bi-Cortical Bio-Post Bone Tap  AR-1367T
- Depth Gauge  AR-4167
- Reel Drop Handle  AR-2001
- Bi-Cortical Bio-Post Set Instrumentation Case  AR-1367C
BI-CORTICAL LOW PROFILE POST SYSTEM

The 4.5 mm diameter Bi-Cortical Post has an extremely low profile head to reduce soft tissue irritation. A 2.5 mm Drill for Bi-Cortical Post is used to broach the cortical bone, while the Depth Gauge is used to obtain accurate sizing information. Although the post has a self-tapping feature, a tap is included for those who prefer the “drill-measure-tap” insertion technique.

The optional low profile, spiked or suture washer may be used in conjunction with the Bi-Cortical Post for fixation of soft tissue directly to bone. The post and washers are manufactured using titanium ASTM F-136 alloy.

Bi-Cortical Post Instrumentation Set AR-1365S

Bi-Cortical Posts, 4.5 mm x 25 mm to 60 mm (in 2.5 mm increments) AR-1365-25 to AR-1365-60

Bi-Cortical Posts, 6.5 mm x 30 mm to 50 mm (in 2 mm increments) AR-1366-30 to AR-1366-50

Spiked Washers for Cancellous Screw, 14 mm & 18 mm AR-1349 & AR-1349L

Suture Washers for Cancellous Screw, 14 mm & 18 mm AR-1349M & AR-1349LM

Additional instrumentation for 6.5 mm Bi-Cortical Post:

Bi-Cortical Post Tap, 6.5 mm AR-1366T

Drill Bit for Bi-Cortical Post, 3.5 mm AR-1365D

LOW PROFILE LIGAMENT STAPLES

Ligament staples, with a low profile bridge, reduce the frequency of secondary removal due to patient discomfort caused by soft tissue irritation.

The cobalt chrome spiked fixation staple has sharp leg points for easier penetration into cortical bone without predrilling. The Staple Driver with attachable impactor/extractor allows complete impaction since the staple driver tip is flush with the staple bridge. The Staple Seating Punch may be used for further impaction. All staples are 20 mm in length.

Spiked Ligament Staple, 6 mm width AR-1006

Spiked Ligament Staple, 8 mm, 11 mm and 16 mm width AR-1008, AR-1011 and AR-1016

Staple Driver Set AR-1005S

TRI-CORTICAL™ SCREW FIXATION

The Bio-Cortical Interference Screws are designed to provide even greater fixation of soft tissue grafts in the tibial tunnel when softer bone density is encountered. The 20 mm proximal Bio-Cortical Screw is inserted flush with the proximal end of the tibial tunnel to maximize graft stiffness and fixation against cortical bone, reduce synovial fluid intrusion into the tibial tunnel and prevent graft side motion and subsequent tunnel widening.

The 17 mm distal Bio-Cortical Screw, one or two mm larger than the tunnel diameter, is inserted with its 50˚ angled back end flush with the tibial tunnel exit to maximize fixation against the distal cortex and prevent blood from flowing into surrounding soft tissue to significantly reduce subsequent postoperative hematomas.

The 17 mm distal screw can be used as a backup with the 28 mm screw placed proximally if sufficient tibial tunnel accommodates both screw lengths.

Proximal Tibial Tunnel Screws:

Bio-Cortical Interference Screw, 8 mm x 20 mm AR-5080BB

Bio-Cortical Interference Screw, 9 mm x 20 mm AR-5090BB

Bio-Cortical Interference Screw, 10 mm x 20 mm AR-5010BB

Distal Tibial Tunnel Screws:

Bio-Cortical Interference Screw, 8 mm x 17 mm, angled AR-5080AB

Bio-Cortical Interference Screw, 9 mm x 17 mm, angled AR-5090AB

Bio-Cortical Interference Screw, 10 mm x 17 mm, angled AR-5010AB

Bio-Cortical Interference Screw, 11 mm x 17 mm, angled AR-5011AB

MCL, LCL, PLC OR ACL/PCL BACKUP FIXATION
PCL CRUCIATE TOOLBOX™ INSTRUMENTATION SET

The PCL Cruciate ToolBox is the most comprehensive system the experienced surgeon needs for PCL reconstruction. It consists of the Adapteur adjustable angle drill guide with interchangeable marking hooks that have millimeter graduations for reproducible, anatomical tunnel placement.

The set also contains all necessary Tunnel Dilators and Headed Reamers in .5 mm increments, anatomically curved PCL Rasp, drill stop for safe mechanical pin insertion, a “Worm” Curving Suture Passer, and the PCL Suture Pusher.

Double Bundle PCL Guides were developed to reproducibly and accurately create the femoral tunnels necessary in arthroscopic double bundle PCL reconstruction.

PCL Cruciate Reconstruction ToolBox Set (AR-1269S) includes:

- Cannulated Drills, 6, 7, 8 and 9 mm - AR-1206L - AR-1209L
- PCL Suture Pusher - AR-1263
- PCL Rasp - AR-1264
- PCL Popliteal Protector Cap - AR-1267
- "Worm" Curving Suture Passer - AR-1268
- Cannulated Headed Reamers, 7, 7.5, 8, 8.5, 9, 9.5, 10, 10.5 and 11 mm - AR-1407 - AR-1411
- Jacob’s Chuck Handle - AR-1415
- Quick Connect T-Handle - AR-1416T
- PCL Femoral Target Marking Hook, right - AR-1846
- PCL Femoral Target Marking Hook, left - AR-1847
- Tunnel Dilators, 7 mm - 11 mm - AR-1854-07.0 - AR-1854-11.0
- Adapteur Drill Guide C-Ring - AR-1875
- Graduated Guide Pin Sleeve for 2.4 mm Pins - AR-1876
- Drill Stop for Adapteur Drill Guide - AR-1877
- PCL Tibial Adapteur Guide Marking Hook, curved - AR-1880
- Easy-In and Easy-Out - AR-1993 and AR-1994
- Cannulated Bio-Interference Screwdriver Shaft - AR-1997
- Cannulated Screwdriver Shaft for Delta Bio-Interference Screw - AR-1997D
- Cannulated Screwdriver Shaft, 3.5 mm Hex - AR-1998
- Ratcheting Screwdriver Handle - AR-1999
- Double Bundle PCL Guides, 6 mm - 11 mm - AR-5015-06 - AR-5015-11
- Suture Retriever - AR-4030
- PCL Curved Curette, closed end - AR-5013
- PCL Straight Curette, closed end - AR-5014
- Chuck Key - AR-8241
- PCL Cruciate ToolBox Instrumentation Case - AR-1269C

CONSTANT GUIDE FOR PCL RECONSTRUCTION

Constant guides provide unparalleled stiffness and accuracy which is paramount for PCL guide pin placement. The Constant Guide for PCL Reconstruction also features an 11 mm “footprint guide tip” (a) to accurately visualize tibial tunnel circumference and act as a “stop” for exiting guide pins.

This guide has compatible 2.4 mm, 3 mm, and 3.5 mm Drill Sleeves for use with standard guide pins, the RetroDrill Pin (3 mm) and the FlipCutter (3.5 mm).

Constant PCL Guide - AR-2500
Constant PCL Guide Drill Sleeve, 2.4 mm - AR-2503
Constant PCL Guide Drill Sleeve, 3 mm - AR-2502
Constant PCL Guide Drill Sleeve, 3.5 mm - AR-2501
FlipCutters, 6 mm - 13 mm - AR-1204F-60 - 130
**FEMORAL & TIBIAL MARKING HOOKS**

The PCL Femoral Target Marking Hook features a fixation spike that is placed at the articular cartilage margin to target guide pin entry 8 mm posterior of the cartilage margin.

PCL Tibial Adapteur Guide Marking Hook calibrations provide arthroscopic confirmation of anatomical guide pin placement down to 14 mm below the tibial plateau.

- PCL Femoral Target Marking Hook, right AR-1846
- PCL Femoral Target Marking Hook, left (a) AR-1847
- PCL Tibial Adapteur Guide Marking Hook (b) AR-1880
- PCL Femoral Adapteur Guide Marking Hook AR-1882
- PCL Rasp (c) AR-1264
- PCL Curved Curette (c) AR-5013
- Femoral PCL Guide for RetroConstruction, 80˚ (d) AR-1848R
- Tibial PCL Guide Marking Hook for RetroConstruction, 60˚ (d) AR-1880R

**PCL SUTURE PASSING**

The “Worm” Curving Suture Passer is designed to carry graft passing sutures through the tibial tunnel into the intercondylar notch. As the wire loop and suture exit the tube, the wire curves 180˚ into the notch for easy viewing and suture retrieval through the femoral tunnel.

A graft passing suture is placed no more than one inch through the wire loop and then both are pulled into the tube. After passing the tube through the tibial tunnel, the wire loop with suture end is advanced, transporting the suture loop into the notch. The suture is retrieved from the wire loop with a grasper from an anterior portal and the “worm” retracted and removed. The suture is passed to a grasper inserted through the femoral tunnel.

“Worm” Curving Suture Passer AR-1268

**DOUBLE BUNDLE PCL TECHNIQUE**

The Double Bundle PCL Guides were developed to reproducibly and accurately create the femoral tunnels necessary in arthroscopic double bundle PCL reconstruction. The guides simplify guide pin placement for anterolateral and posteromedial femoral tunnel sockets drilled endoscopically from an anterolateral portal.

During anterolateral tunnel placement a guide can be used either to reference and offset the tunnel 2 mm from the articular cartilage margin, or as a visual aid that simulates exact tunnel position and size. The guides will mimic the subsequent drill hole and, therefore, make exact tunnel placement possible.

Double Bundle PCL Guide Set (AR-5015S):
- Double Bundle PCL Guide, 6 mm AR-5015-06
- Double Bundle PCL Guide, 7 mm AR-5015-07
- Double Bundle PCL Guide, 8 mm AR-5015-08
- Double Bundle PCL Guide, 9 mm AR-5015-09
- Double Bundle PCL Guide, 10 mm AR-5015-10
- Double Bundle PCL Guide, 11 mm AR-5015-11
- Double Bundle PCL Guide, 12 mm AR-5015-12
- Double Bundle PCL Guide Instrument Case AR-5015C
OSTEOCHONDRAL FLAP REPAIR SYSTEM

The instruments provide compression to an osteochondral fragment during Dart insertion below the surface of the articular cartilage for strong, bioabsorbable fixation of smaller osteochondral flaps of 5 mm to 20 mm in diameter.

The single shot instruments are designed to manually insert individual darts one at a time. The sheath is placed against the fragment to provide compression. The stainless steel trocar passes through the sheath to a controlled depth. The 1.3 mm diameter PLLA Dart is inserted directly into the sheath positioned firmly over the drilled hole. The Dart depth is controlled so that the Dart is countersunk 2 mm below the surface of the cartilage into subchondral bone.

The single use multi-shot instrumentation offers a controlled method to manage larger fragments with multiple Darts. Clear guide sleeves in 2 or 4 hole sizes provide atraumatic compression to the fragment throughout the procedure while allowing the surgeon to see the passage of instruments and underlying fragment through the sheath. The step design of the pins allow easy access for drilling and removal. These pins stabilize the guide sleeve to create necessary pilot holes for implant insertion.

OSTEOCHONDRAL FLAP REPAIR SYSTEM

CHONDRAL DART™

The bioabsorbable PLLA Chondral Dart has a unique, double reversed barbed design to facilitate superior fixation and compression of osteochondral flap tears up to 2 cm in diameter. The 18 mm long, 1.3 mm diameter Chondral Dart provides secure fixation under the hyaline cartilage surface to eliminate contact with sensitive articulating surfaces.

Chondral Dart, 1.3 mm x 18 mm, sterile, qty. 5 AR-4005B-18
MICROFRACTURE

These angled Chondro Picks are designed to perforate the base of osteochondral defects faster and safer than pin drilling. Various angled tips and shaft configurations allow access to most defects in the patello-femoral joint.

Tips hardened with titanium nitride provide visual 3 mm depth control during defect perforation. Delrin endcaps allow use of a mallet to assist in perforation.

Chondro Pick Set (AR-1760S) includes:
- Chondro Pick, 20˚  AR-1761
- Chondro Pick, 40˚  AR-1762
- Chondro Pick, 60˚  AR-1763
- Chondro Pick, 25˚, curved tip  AR-1764
- Chondro Pick, 35˚, curved tip  AR-1765
- Chondro Pick Instrument Case  AR-1766

BIO-COMPRESSION SCREW

The 2.7 mm Bio-Compression Screw eliminates metal screw removal hassles, soft tissue impingement, and unwelcome image scatter.

For fracture and osteotomy fixation in periarticular applications, this screw offers interfragmentary compression and a headless profile to promote healing. Produced from solid enhanced PLLA and designed for excellent thread-to-bone contact, the Bio-Compression Screw provides excellent strength during insertion and through healing.

Using a stepped thread pitch and a taper, this screw draws two fragments together without the need to overdrill/lag the proximal piece. And since the Bio-Compression Screw is headless and absorbable, it offers zero prominence above the cortex and zero image on x-ray. This is as close to a natural repair as possible. In doing all this, a simple low cost set ensures proper drill depth and tapping with no guesswork.

Implants:
- Bio-Compression Screw, 3 - 3.7 mm x 16 mm  AR-5025B-16
- Bio-Compression Screw, 3 - 3.7 mm x 18 mm  AR-5025B-18
- Bio-Compression Screw, 3 - 3.7 mm x 20 mm  AR-5025B-20
- Bio-Compression Screw, 3 - 3.7 mm x 22 mm  AR-5025B-22
- Bio-Compression Screw, 3 - 3.7 mm x 24 mm  AR-5025B-24
- Bio-Compression Screw, 3 - 3.7 mm x 26 mm  AR-5025B-26
- Bio-Compression Screw, 3 - 3.5 mm x 16 mm  AR-5026B-16
- Bio-Compression Screw, 3 - 3.5 mm x 18 mm  AR-5026B-18
- Bio-Compression Screw, 3 - 3.5 mm x 20 mm  AR-5026B-20
- Bio-Compression Screw, 3 - 3.5 mm x 22 mm  AR-5026B-22
- Bio-Compression Screw, 3 - 3.5 mm x 24 mm  AR-5026B-24
- Bio-Compression Screw, 3 - 3.5 mm x 26 mm  AR-5026B-26
- Bio-Compression Screw, 3 - 3.5 mm x 28 mm  AR-5026B-28
- Bio-Compression Screw, 3 - 3.5 mm x 30 mm  AR-5026B-30
- Bio-Compression Screw, 3 - 3.5 mm x 32 mm  AR-5026B-32

Compression Screw Set (AR-5025S) includes:
- Compression Screw Driver  AR-5025DB
- Small Handle w/AO Connection  AR-2001AOT
- Dilator Tap, 2.7 mm  AR-5025TB
- Compression Screw Guide  AR-5025G
- Compression Screw Drill Bit, 2.7 mm  AR-5025D
- Compression Cannulated Dilator Tap  AR-5025BTC
- Bio-Compression Cannulated Dilator Tap, 22, 24 & 26 mm  AR-5025BTC-22, 24 & 26
- Compression Cannulated Drill Bit  AR-5025DK
- Compression Screw Cannulated Drill Bit, 22 mm  AR-5025DTC-22
- Compression Screw Cannulated Drill Bit, 24 mm  AR-5025DTC-24
- Compression Screw Cannulated Drill Bit, 26 mm  AR-5025DTC-26
- Guide Wire with Trocar Tip  AR-5025K
- Compression Screw Instrumentation Case  AR-5025C

Disposable:
- Hot Loop Cutter  AR-4160HC
SINGLE USE OATS® SYSTEM

The sterile Single Use Osteochondral Autograft Transfer System (OATS) facilitates harvesting of 6, 8, or 10 mm osteochondral/hyaline cartilage cylinders from a donor site superior and lateral to the notch or above the sulcus terminalis. A recipient socket, sized to the appropriate depth, is created in the chondral defect to accept the donor graft. The bone cylinder can be visualized through the clear Graft Delivery Tube while it is inserted with the Collared Pin delivery system for press-fit fixation.

The completely disposable, size-specific system includes: recipient harvester, donor harvester, alignment rod, tamp, Graft Delivery Tube, Core Extruder for controlled push-in core insertion, and optional graft driver.

All of the system components are provided sterile, packaged in a rigid thermo-formed tray, nested in individual compartments.

<table>
<thead>
<tr>
<th>Single Use OATS Sets:</th>
<th></th>
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<tr>
<td>Single Use OATS Set, 6 mm</td>
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Optional Instrumentation:

| OATS Sizer/Tamps Set, 6, 8 and 10 mm          | AR-1985S      |

RETROGRADE OATS® SYSTEM

The sterile Retrograde Osteochondral Autograft Transfer System (OATS) facilitates harvesting of precisely angled 8 or 10 mm osteochondral hyaline cartilage cylinders to resurface lesions in the tibial plateau or patella. An appropriate size recipient tunnel is created retrograde to the lesion site. The angle of the tunnel’s articular surface is measured and the appropriate size and angle bone cylinder is harvested from a donor site above the sulcus terminalis. The cylinder is then exchanged from one donor harvester to another, enabling the bone cylinder to be implanted into the recipient tunnel leading with the articular surface. The bone cylinder is gently extruded into the recipient tunnel slightly countersunk to the articular surface. A bioabsorbable interference screw is then used to achieve final flush seating and backup to the press-fit fixation.

The size-specific system includes two single use OATS donor harvesters, angled collared pins in 10°, 20°, and 30° angles, a bone core exchange tube, a guide pin, size-specific cannulated drills, and a core extruder for controlled push-in core insertion.

All of the system components are provided sterile, packaged in a rigid thermo-formed tray, nested in individual compartments.

| Retrograde OATS Set, 10 mm                   | SP-1982-10S   |
| OATS Adapteur Drill Guide Marking Hook       | AR-1883       |
The Opening Wedge Osteotomy System was developed for the treatment of pain and/or instability associated with lower extremity malalignment. The utilization of unique plates, in conjunction with an opening wedge osteotomy, provides the surgeon with a safe, reliable, reproducible technique for tibial or femoral osteotomies.

The technique preserves normal anatomy of the lateral side of the knee while minimizing morbidity associated with closing wedge osteotomies.

Opening Wedge can be performed concomitantly with ACL reconstruction and osteochondral and meniscal transplants.

Opening Wedge Osteotomy System Set (AR-13305S) includes:

- Osteotomy Wedge and Osteotome Handle AR-13300 and AR-13301
- Osteotome Blades, 10 mm, 25 mm and 35 mm AR-13302, 10, 25 and 35
- Parallel Guide Sleeve Body AR-13304-1
- Parallel Guide Sleeve, qty. 2 AR-13304-2
- Osteotomy Guide Assembly AR-13305
- Osteotomy Cutting Guide (a) AR-13306-01
- Osteotomy Cutting Guide Pin (a) AR-13306-02
- Alignment Rod AR-13308
- Femoral Osteotomy Retractor AR-13309
- Radial Retractor (c) AR-13310
- Universal Handle Extractor AR-13314
- Cutting Guide for HTO AR-13315
- Bone Graft Tamp AR-13317
- Application Bar for HTO Plates AR-13318
- Drill Guide for HTO AR-13320
- Drill Guide for HTO Titanium Plates AR-13321
- Universal Bending Irons, qty. 2 AR-13322-22
- Depth Gauge for Osteotome Jack AR-13323G
- Osteotome Jack, 35 mm (b) AR-13323-35
- Osteotome Jack w/Screwdriver, 35 mm AR-13323-35S
- Wedge Trial for HTO AR-13324
- A/P Sloped Osteotomy Wedge Trial, small and large AR-13325S and AR-13325L
- Screwdriver, 3.5 mm hex AR-13326
- Screwdriver, 90°, 3.5 mm hex AR-13326-90
- Locking Guide for HTO Titanium Plates AR-13327
- Depth Gauge, large AR-4167
- Opening Wedge Osteotomy System Instrumentation Case AR-13307
- Storage Case for HTO Plates AR-13307P

Accessories:

- Osteotomy Guide Pins, 2.4 mm, qty. 6, “breakaway” AR-13303-2.4
- Osteotomy Guide Pins, 3.0 mm, qty. 6 AR-13303-3.0
- Patellar Tendon Retractor and Medial Retractor for HTO AR-13311 and AR-13313
- Drill for HTO Titanium Screws AR-13319
- Osteotome Jack, 25 mm AR-13323-25
FEMORAL AND TIBIAL PLATES

FEMORAL AND TIBIAL OSTEOTOMY SYSTEM

The Femoral Opening Wedge Osteotomy Plate maintains an opening wedge osteotomy correction of the distal femur for patients who have malalignment of the lower extremity. The Tibial Opening Wedge Osteotomy Plate maintains an opening wedge osteotomy correction of the proximal or distal tibia for patients who have malalignment of the lower extremity. The utilization of these unique plates, when used with the procedure-specific instrumentation from Arthrex, provide the surgeon with a safe, reliable and reproducible technique for proximal or distal tibial and distal femoral osteotomies.

Femoral Opening Wedge Osteotomy Plate, 5 mm  AR-13100-05.0
Femoral Opening Wedge Osteotomy Plate, 7.5 mm  AR-13100-07.5
Femoral Opening Wedge Osteotomy Plate, 9 mm  AR-13100-09.0
Femoral Opening Wedge Osteotomy Plate, 10 mm (a)  AR-13100-10.0
Femoral Opening Wedge Osteotomy Plate, 11 mm  AR-13100-11.0
Femoral Opening Wedge Osteotomy Plate, 12.5 mm  AR-13100-12.5
Femoral Opening Wedge Osteotomy Plate, 15 mm  AR-13100-15.0
Femoral Opening Wedge Osteotomy Plate, 17.5 mm  AR-13100-17.5

Tibial Opening Wedge Osteotomy Plate, 3 mm  AR-13200-03.0
Tibial Opening Wedge Osteotomy Plate, 5 mm  AR-13200-05.0
Tibial Opening Wedge Osteotomy Plate, 6 mm  AR-13200-06.0
Tibial Opening Wedge Osteotomy Plate, 7.5 mm (b)  AR-13200-07.5
Tibial Opening Wedge Osteotomy Plate, 9 mm  AR-13200-09.0
Tibial Opening Wedge Osteotomy Plate, 10 mm  AR-13200-10.0
Tibial Opening Wedge Osteotomy Plate, 11 mm  AR-13200-11.0
Tibial Opening Wedge Osteotomy Plate, 12.5 mm  AR-13200-12.5
Tibial Opening Wedge Osteotomy Plate, 13.5 mm  AR-13200-13.5
Tibial Opening Wedge Osteotomy Plate, 15 mm  AR-13200-15.0
Tibial Opening Wedge Osteotomy Plate, 16 mm  AR-13200-16.0
Tibial Opening Wedge Osteotomy Plate, 17.5 mm  AR-13200-17.5

Distal Tibial Opening Wedge Osteotomy Plate, 5 mm  AR-13200D-05
Distal Tibial Opening Wedge Osteotomy Plate, 6 mm  AR-13200D-06
Distal Tibial Opening Wedge Osteotomy Plate, 7 mm  AR-13200D-07
Distal Tibial Opening Wedge Osteotomy Plate, 8 mm  AR-13200D-08
Distal Tibial Opening Wedge Osteotomy Plate, 9 mm  AR-13200D-09
Distal Tibial Opening Wedge Osteotomy Plate, 10 mm (c)  AR-13200D-10

Tibial A/P Sloped Osteotomy Plate, 5 mm AR-13200PA-05.0
Tibial A/P Sloped Osteotomy Plate, 6 mm AR-13200PA-06.0
Tibial A/P Sloped Osteotomy Plate, 7.5 mm  AR-13200PA-07.5
Tibial A/P Sloped Osteotomy Plate, 9 mm  AR-13200PA-09.0
Tibial A/P Sloped Osteotomy Plate, 10 mm  AR-13200PA-10.0
Tibial A/P Sloped Osteotomy Plate, 11 mm  AR-13200PA-11.0
Tibial A/P Sloped Osteotomy Plate, 12.5 mm  AR-13200PA-12.5
Tibial A/P Sloped Osteotomy Plate, 13.5 mm  AR-13200PA-13.5
Tibial A/P Sloped Osteotomy Plate, 15 mm (d)  AR-13200PA-15.0
Tibial A/P Sloped Osteotomy Plate, 16 mm  AR-13200PA-16.0
Tibial A/P Sloped Osteotomy Plate, 17.5 mm  AR-13200PA-17.5

Osteotomy Guide Pins, 2.4 mm, qty. 6, “breakaway” AR-13303-2.4
Osteotomy Guide Pins, 3 mm, qty. 6 AR-13303-3.0

MODULAR-BIPLANAR TIBIAL OPENING WEDGE OSTEOTOMY PLATES

The Modular-Biplanar Tibial Opening Wedge Osteotomy Plates maintain an opening wedge osteotomy correction of the proximal tibia for patients who have malalignment of the lower extremity and must be used in pairs. Two plates with the same tooth width can be used during a normal osteotomy, or two plates with varying tooth widths can be used during a slope correction osteotomy. These plates are fixed to bone in the usual AO fashion using stainless steel cancellous screws proximally and cortical screws distally and will use the current opening wedge osteotomy instrumentation for implantation.

Tibial Opening Wedge Osteotomy Plate, Modular-Biplanar, stainless steel, 5 mm AR-13250-05.0
Tibial Opening Wedge Osteotomy Plate, Modular-Biplanar, stainless steel, 7.5 mm AR-13250-07.5
Tibial Opening Wedge Osteotomy Plate, Modular-Biplanar, stainless steel, 10 mm AR-13250-10.0
TITANIUM TIBIAL

TITANIUM TIBIAL OSTEOTOMY PLATES & SCREW SYSTEM

The titanium Tibial Opening Wedge Osteotomy Plates and Screws, designed to work in conjunction with the standard Opening Wedge Osteotomy instrumentation, enables the surgeon to lock presterilized 6.5 mm cancellous or 4.5 mm cortical screws within the plate itself. This creates an extremely strong construct with the plate, and within the bone, without sacrificing the plate’s low-profile design. Available in straight or sloped plate designs to address changes in posterior tibial slopes, the presterilized titanium opening wedge plate is light but very strong.

The new ContourLock HTO Plates were designed to be anatomically curved and low profile, while still allowing for screw locking into the plate, creating a rigid construct. The ContourLock HTO Plate is the perfect choice for patients needing a stronger locking construct for potential earlier weight-bearing. These plates are available in straight, sloped and wedgeless for opening and closing wedge osteotomies. Both plating systems allow the surgeon to angle each screw for optimum screw placement within the bone.

<table>
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<th>Plate Name</th>
<th>Plate Width</th>
<th>Screw Size</th>
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TITANIUM FEMORAL OSTEOTOMY PLATES & SCREW SYSTEM

Designed to work in conjunction with the standard Opening Wedge Osteotomy instrumentation, the titanium femoral osteotomy plates now enable the surgeon to lock 6.5 mm cancellous or 4.5 mm cortical screws within the plate itself. This creates an extremely strong construct with the plate and bone without sacrificing the plate’s low profile design. It allows the surgeon to angle each screw for optimum screw placement within the bone. Once the screw is placed, it is then locked to the plate creating a rigid lock-plate construct. The osteotomy plate is available in standard 5.0 mm to 17.5 mm correction sizes.

| Femoral Osteotomy Plate, titanium, 5.0 mm | AR-13100F-05.0 |
| Femoral Osteotomy Plate, titanium, 7.5 mm | AR-13100F-07.5 |
| Femoral Osteotomy Plate, titanium, 9 mm | AR-13100F-09 |
| Femoral Osteotomy Plate, titanium, 10 mm | AR-13100F-10.0 |
| Femoral Osteotomy Plate, titanium, 11 mm | AR-13100F-11.0 |
| Femoral Osteotomy Plate, titanium, 12.5 mm | AR-13100F-12.5 |
| Femoral Osteotomy Plate, titanium, 15 mm | AR-13100F-15.0 |
| Femoral Osteotomy Plate, titanium, 17.5 mm | AR-13100F-17.5 |

Accessories:
- Drill for HTO Titanium Screws AR-13319
- Drill Guide for HTO Titanium Plates AR-13321
- A/P Sloped Osteotomy Trial, large and small AR-13325L and AR-13325S
- Screwdriver, 3.5 mm hex AR-13326
- Screwdriver, 90°, 3.5 mm hex AR-13326-90
- Locking Guide for HTO Titanium Plates AR-13327
- Depth Gauge, large AR-4167

TITANIUM OSTEOTOMY SCREWS

| HTO Plate Screw, cancellous, titanium, 6.5 mm x 35 mm | AR-13280-35 |
| HTO Plate Screw, cancellous, titanium, 6.5 mm x 40 mm | AR-13280-40 |
| HTO Plate Screw, cancellous, titanium, 6.5 mm x 45 mm | AR-13280-45 |
| HTO Plate Screw, cancellous, titanium, 6.5 mm x 50 mm | AR-13280-50 |
| HTO Plate Screw, cancellous, titanium, 6.5 mm x 55 mm | AR-13280-55 |
| HTO Plate Screw, cancellous, titanium, 6.5 mm x 60 mm | AR-13280-60 |
| HTO Plate Screw, cancellous, titanium, 6.5 mm x 65 mm | AR-13280-65 |
| HTO Plate Screw, cancellous, titanium, 6.5 mm x 70 mm | AR-13280-70 |
| HTO Plate Screw, cortical, titanium, 4.5 mm x 26 mm | AR-13380-26 |
| HTO Plate Screw, cortical, titanium, 4.5 mm x 28 mm | AR-13380-28 |
| HTO Plate Screw, cortical, titanium, 4.5 mm x 30 mm | AR-13380-30 |
| HTO Plate Screw, cortical, titanium, 4.5 mm x 32 mm | AR-13380-32 |
| HTO Plate Screw, cortical, titanium, 4.5 mm x 34 mm | AR-13380-34 |
| HTO Plate Screw, cortical, titanium, 4.5 mm x 36 mm | AR-13380-36 |
| HTO Plate Screw, cortical, titanium, 4.5 mm x 38 mm | AR-13380-38 |
| HTO Plate Screw, cortical, titanium, 4.5 mm x 40 mm | AR-13380-40 |
| HTO Plate Screw, cortical, titanium, 4.5 mm x 42 mm | AR-13380-42 |
| HTO Plate Screw, cortical, titanium, 4.5 mm x 44 mm | AR-13380-44 |
| HTO Plate Screw, cortical, titanium, 4.5 mm x 46 mm | AR-13380-46 |
| HTO Plate Screw, cortical, titanium, 4.5 mm x 48 mm | AR-13380-48 |
| HTO Plate Screw, cortical, titanium, 4.5 mm x 50 mm | AR-13380-50 |
| HTO Plate Screw, cortical, titanium, 4.5 mm x 52 mm | AR-13380-52 |
| HTO Plate Screw, cortical, titanium, 4.5 mm x 54 mm | AR-13380-54 |
| HTO Plate Screw, cortical, titanium, 4.5 mm x 56 mm | AR-13380-56 |
| HTO Plate Screw, cortical, titanium, 4.5 mm x 58 mm | AR-13380-58 |
| HTO Plate Screw, cortical, titanium, 4.5 mm x 60 mm | AR-13380-60 |

TWO-HOLE OSTEOOTOMY SUPPORT PLATE SYSTEM

The Two-Hole Osteotomy Support Plate Implant System includes an anatomically contoured two hole titanium plate and two 4 mm x 30 mm titanium self-tapping cancellous screws. It is indicated for fixation following proximal tibial or distal femoral opening and closing wedge osteotomies. These nonlocking screws fit snugly into the plate in a recessed fashion to create a low profile construct, when inserted using a standard 2.5 mm hex driver.

The two-hole plate is the perfect option for supporting a fractured lateral tibial cortex during HTO procedures, as well as supporting the anteromedial tibial cortex during slope changing HTO procedures. The plate has a built-in offset hole to accept small K-wires to facilitate positioning it over the osteotomy site. The plate can be slightly bent to conform to variations in bony anatomy easily using Universal Bending Irons from the Opening Wedge Osteotomy System Set.

Two-Hole Osteotomy Support Plate Implant System AR-13215
OSFERION

OSferion is an osteoconductive bone graft substitute and bone void filler consisting of 100% Beta-tricalcium phosphate (ß-TCP). OSferion’s micro and macro porous structure allows it to be resorbed and replaced by bone during the healing process when used in conjunction with rigid fixation devices.

OSferion wedges are intended to be used in conjunction with the distal femoral and high tibial opening wedge osteotomy plates and screws to promote healing and provide added rigidity to the repair.

OSFERION WEDGES

- OSferion Osteotomy Wedge, 7 mm x 30 mm  AR-13370-1
- OSferion Osteotomy Wedge, 10 mm x 30 mm  AR-13370-2
- OSferion Osteotomy Wedge, 12 mm x 35 mm  AR-13370-3
- OSferion Osteotomy Wedge, 15 mm x 35 mm  AR-13370-4

OSFERION BONE VOID FILLER

- OSferion Bone Graft Harvester, 6 mm   AR-1981-06H
- OSferion Bone Graft Harvester, 8 mm   AR-1981-08H
- OSferion Bone Graft Harvester, 10 mm AR-1981-10H

BONE GRAFT HARVESTER

The single use Bone Graft Harvester set consists of an 6, 8 or 10 mm diameter bone graft harvester, an impaction bar and a twist knob. It is ideal for harvesting autograft bone from the anterior/superior or posterior/superior iliac crest. The Bone Graft Harvester set is an excellent option for any bone grafting procedure.

The 8 mm harvester requires only a small 1 cm incision for harvesting iliac crest bone and leaves a much smaller donor site (when compared to standard iliac crest harvesting techniques) which may reduce donor site morbidity. It quickly and efficiently harvests multiple 8 mm diameter bone dowels up to 20 mm in length from the same minimally invasive site by angling the harvester in medial and lateral orientations. Manufactured with a spiked collared pin to avoid skiving off the donor site during harvester impaction, the lightweight harvester is well-balanced with a sturdy stainless steel cutting tip.

- Bone Graft Harvester, 6 mm   AR-1981-06H
- Bone Graft Harvester, 8 mm   AR-1981-08H
- Bone Graft Harvester, 10 mm AR-1981-10H

T3 AMZ SYSTEM

The T3 AMZ system was designed to facilitate tibial tubercle osteotomy and transfer in a reproducible manner for extensor mechanism realignment and patellar unloading. The instrument set and disposables kit consist of 3 cutting guide arms, set to 45, 60 and 90° that rigidly connect to the tubercle pin and cutting block post placing the cutting block at specific angles on the tibial tubercle according to the most common cut angles needed.

T3 AMZ Instrument System (AR-13216S) includes:
- 45° Horizontal Guide, T3 AMZ
- 60° Horizontal Guide, T3 AMZ
- 90° Horizontal Guide, T3 AMZ
- Saw Blade Exit Indicator, T3 AMZ
- Tuberosity Pin Guide, T3 AMZ
- Soft Tissue Retractor, T3 AMZ
- Cutting Block Post, T3 AMZ
- Pin Extractor
- T3 AMZ Instrument Case

T3 AMZ Disposables Kit (AR-13217) includes:
- Collared Breakaway Pin, T3
- Tuberosity Pin, T3 AMZ
- Cutting Block, T3 AMZ
- Breakaway Pin, T3 AMZ, qty. 2
MENISCAL REPAIR

MENISCAL DARTSTICK™ SYSTEM

The DartStick offers an improved manual insertion technique for the Meniscal Dart. The disposable DartStick inserter securely holds each Dart for simplified insertion through the reusable Joystick Sheath or DartStick disposable sheaths. The small 2.38 mm insertion sheaths, in straight or curved-up styles, facilitate safe, accurate and multiple Dart placement from above or below the meniscus even in the most confined joint spaces.

The headless, reverse-barbed 1.3 mm diameter Dart allows safe countersunk implantation within the meniscus to protect femoral hyaline cartilage from contact damage caused by headed implants or all-inside suture knots. The primarily amorphous PLDLA copolymer safely degrades within 36 weeks.

Meniscal DartStick, 10 mm, 12 mm and 14 mm (a)   AR-3007B10, 12 and 14
Meniscal Dart Sheath w/Cannula, straight   AR-3007
Meniscal Dart Sheath w/Cannula, 15˚ up curve   AR-3007-15
Meniscal Dart Measuring Probe, qty. 5   AR-4008

DISPOSABLE MENISCAL VIPER™

The sterile Meniscal Viper Repair Kit provides a convenient and effective method of passing suture to repair posterior horn meniscal tears. Each sterile kit contains a Meniscal Viper (c) preloaded with 2-0 FiberWire and a small knot pusher. The all-inside suturing technique offers the surgeon the ability to place multiple vertical stitches without needle passage through the capsule.

The Small Knot Pusher (b) can be used to past point the knot beyond the rim of the meniscus.

The Meniscal DartStick, in conjunction with the Meniscal Viper, provides the ideal hybrid all-inside meniscal system.

Meniscal Viper Repair Kit, disposable, small AR-13920DS
Meniscal Viper Repair Kit, disposable, medium AR-13930DS

Accessories:
Meniscal Viper Sizing Probe AR-13920P
Meniscus Repair Rasp AR-4130
Meniscal Vascular Punch AR-4001
2-0 Suture Cutter, 15˚ up curve AR-11791
Shoehorn Cannula, 6 mm I.D. x 9 cm, qty. 5 AR-6565

MENISCAL CINCH™

The Meniscal Cinch allows surgeons to consistently repair meniscus tears with an all-inside arthroscopic technique, eliminating the need for accessory incisions required for traditional inside/out techniques that often result in additional morbidity. The low profile PEEK implants are loaded with a pretied 2-0 FiberWire that slides easily and allows proper tensioning across the tear. The ergonomic handle and sturdy open delivery cannula make for easy insertion into the joint and enable precise positioning over the meniscus. The external depth stop ensures that the implant is deployed into the capsule, protecting posterior structures in the knee. The 2-0 suture tail is extra-articular and can be tensioned to reduce suture slack in the joint for better visualization. The Knot Pusher/Suture Cutter allows the sliding knot to be countersunk under the meniscus and removal of the suture tail in one easy step.

Meniscal Cinch AR-4500

Accessories:
Knot Pusher/Suture Cutter, disposable AR-4515
Shoehorn Cannula, disposable AR-6565
2-0 Suture Cutter, straight AR-11790
2-0 Suture Cutter, 15˚ up AR-11791
Measurement Probe AR-13920P
PROTECTOR™ - INSIDE/OUT SUTURE REPAIR

The Protector Meniscus Suturing Set provides a safe, versatile system to perform either inside/out or all-inside meniscus suturing. The malleable, single use curved cannula and integrated plastic handle has a Nitinol needle and needle pusher for convenience. The Cannula Bending Tool facilitates simple custom bending to accommodate every anatomical variation. The unique Nitinol memory suture needle remains straight after exiting the curved cannula for greater control of needle placement to avoid neurovascular structures.

The Needle Catcher facilitates two options to guide needles safely away from neurovascular structures. The concave, curved handle may be inserted through a small arthrotomy as a retractor and needle deflector when a classic mini-open inside/out procedure is performed. The Needle Catcher tube is inserted through a cannula placed in a posterior portal to catch needles intraarticularly within the posterior recess after exiting the meniscus, when performing all-inside meniscus suturing procedures.

Protector Meniscus Sutting Set (AR-4060S) includes:
- Malleable Curved Cannula w/Handle
- Nitinol Suture Needle w/Wire Loop End
- Adjustable Needle Holder

Accessories:
- Needle Catcher (a) AR-6660
- Cannula Bending Tool AR-6650
- 2-0 FiberWire (recommended suture) AR-7221

MENISCAL RESECTION AND REPAIR SYSTEM

The Meniscal Resection and Repair System Set contains both the small and medium tip Meniscal Viper along with the Small Knot Pusher and the new 2-0 Suture Cutter for FiberWire. In addition to the Viper System, the set also contains many of the most popular meniscal resection instruments from the Series I Arthroscopic Meniscectomy Hand Instrument Set (AR-2180S), including eight Punches, two Scissors and two Graspers.

This set provides the surgeon with a complete armamentarium of meniscal instrumentation for both resection and all-inside suture repair.

Meniscal Resection and Repair System Set w/Case AR-4006S

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- Cannula Bending Tool AR-6650
- 2-0 FiberWire (recommended suture) AR-7221

MENISCAL REPAIR ACCESSORIES

The malleable Dart Measuring Probe (a) measures the width of the meniscus. The angled tip of the Meniscus Repair Rasp (b) is ideally shaped to access inside the meniscal tear for debridement prior to the repair. The Shoehorn Cannula (c) facilitates insertion of the Meniscal Viper and alleviates knot hang-up in the fat pad during suture knot advancement.

Shoehorn Cannula (b) AR-6565
Meniscal Dart Measuring Probe (c) AR-4008
Meniscus Repair Rasp (d) AR-4130
2-0 FIBERWIRE® MENISCUS REPAIR NEEDLES

The 2-0 FiberWire Meniscus Repair Needles are made of a standard length stainless steel with a 38 inch length of 2-0 FiberWire swedged onto the back end of each needle. This allows the surgeon to perform a standard inside/out meniscus repair with all the benefits of FiberWire’s superior strength, feel, abrasion resistance, smooth tie ability and lower knot profile. FiberWire virtually eliminates suture breakage during knot tying and tensioning.

These sterile meniscus repair needles and suture may be used in conjunction with the Meniscal Repair Joystick System to position optimum vertical or horizontal mattress sutures on superior or inferior meniscal surfaces. The meniscal needles also work with other meniscal repair systems.

- 2-0 FiberWire Meniscus Repair Needles, qty. 2   AR-7223
- 2-0 FiberWire Meniscus Repair Needles, small, qty. 2   AR-7223SM

MENISCAL REPAIR JOYSTICK SYSTEM

Used in conjunction with the DartStick or inside/out suture needles with 2-0 FiberWire, the Joystick System provides an ergonomic handle for maximum control of implant or suture placement. Great for hybrid repairs when combined use of suture and Darts are indicated.

Fully autoclavable and reusable, the Joystick System also provides an economical option to the disposable DartStick sheaths.

Meniscal Repair Joystick System Set (AR-4007JS) includes:
- Meniscal Dart Joystick Driver AR-4006D
- Meniscal Dart Joystick Trocar AR-4006T
- Meniscal Dart Gun Sheath, 15˚ up AR-4006-15
- Meniscal Dart Gun Sheath, straight AR-4006-3
- Meniscal Dart Joystick Instrumentation Set Case AR-4007JC

Accessories:
- Meniscal Dart Gun Sheath, 30˚ right AR-4006-30R
- Meniscal Dart Gun Sheath, 30˚ left AR-4006-30L

MENISCAL REPAIR JOYSTICK SYSTEM

Micro SutureLasso™

The Micro SutureLasso, a 6 inch long cannulated stainless steel shaft with ergonomic plastic handle, facilitates either the placement of simple or mattress stitches to repair various soft tissue tears in the upper and lower extremity. These strong stainless steel needles include straight, minor distal bend and major distal bend configurations for hard to reach areas and are preloaded with a braided Nitinol wire to be used as a suture shuttle. Each Micro SutureLasso needle tapers from 16-gauge proximally at the handle junction to 20-gauge distally along the last 20 mm of the tip. As an alternative, all FiberSticks can be passed down the Micro SutureLassos with ease.

- Micro SutureLasso, minor bend AR-8701
- Micro SutureLasso, major bend AR-8702
- Micro SutureLasso, straight AR-8703
- Micro SutureLasso Retriever AR-8701SR

Optional Accessories:
- FiberStick, #2 FiberWire, 50 inches (blue), one end stiffened, 12 inches AR-7209
- TigerStick, #2 TigerWire, 50 inches (white/black), one end stiffened, 12 inches AR-7209T
- 2-0 FiberStick, 2-0 FiberWire, 50 inches (blue), one end stiffened, 12 inches AR-7222