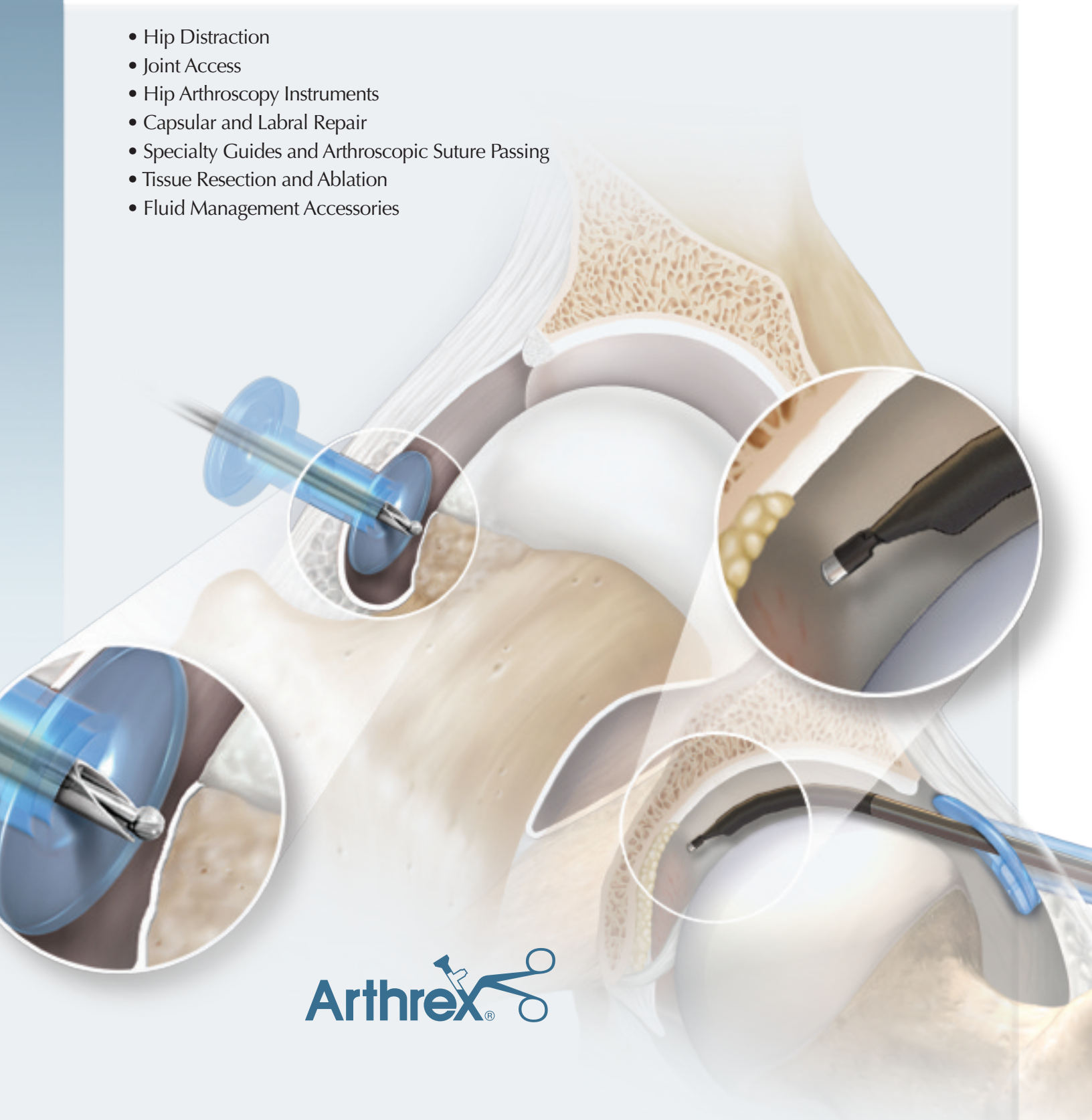


# Innovative Solutions for Hip Arthroscopy

- Hip Distraction
- Joint Access
- Hip Arthroscopy Instruments
- Capsular and Labral Repair
- Specialty Guides and Arthroscopic Suture Passing
- Tissue Resection and Ablation
- Fluid Management Accessories



**Arthrex**® 

## The Arthrex Difference

For over 30 years, Arthrex has maintained its dedication to one simple goal:

*Responding to the needs of orthopaedic surgeons by helping make technically demanding surgical procedures simpler, safer and reproducible.*



Arthrex is committed to the advancement of hip arthroscopy through technique and product innovation. Together with surgeons, Arthrex has developed a comprehensive line of products to address the challenges of hip arthroscopy. The hip distraction and arthroscopic instrumentation systems have been designed to minimize the time and effort necessary to access the hip joint and enable surgeons to safely and effectively treat pathology.



*“Hip arthroscopy is the new frontier of sports medicine, with unique differences from other joints. To perform a high volume of hip arthroscopy, the surgeon needs tools to make surgery reliable and reproducible. Arthrex has embraced the unique aspects of the field by developing a portfolio of arthroscopic equipment specifically designed to meet the challenges and opportunities of the hip. This equipment makes it faster and easier to perform arthroscopic labral refixation, FAI decompressions, capsular plications, and a host of other procedures. Hip arthroscopy is an exciting field, and being well-equipped makes all the difference.”*

Benjamin G. Domb, M.D.  
Loyola University Chicago  
Hinsdale Orthopaedic Associates  
Chicago, IL

# Hip Distraction

## New Hip Distraction System

The Hip Distractor System is an advanced traction and limb positioning system for use during hip arthroscopy procedures. The system attaches to all major OR beds via Clark Rail Adapters and is simple and straightforward for one person to assemble in seven easy steps. Both of the leg spars provide precisely-controlled, lower extremity positioning and traction over the unique perineal post system to facilitate pelvic balancing and safe distraction. The novel foot attachments provide multi-direction stability of the calf, foot and ankle under traction to prevent heel lift for all sizes of feet. The foot attachments can be detached and controlled during the procedure to check hip range-of-motion after osteoplasty and soft tissue reattachment and reconstruction procedures. All of the components of the Hip Distractor System disassemble and store neatly and securely on a rolling storage cart.

The Hip Distraction System Disposable Kit contains a hygienic perineal pad cover and individual foot pads to protect the patient's skin when placed into the distraction system. Each pad and the cover are clearly marked with assembly instructions.

Hip Distraction System  
HDS Disposable Kit  
HDS Cart

AR-6929S  
AR-6529-11  
AR-6529-13



# Joint Access

## Hip Arthroscope Set (AR-6575S)

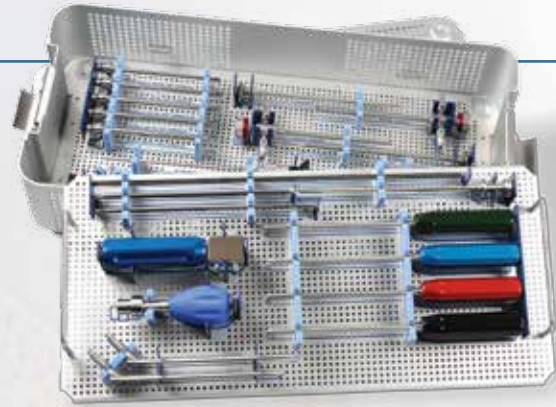
The Hip Arthroscope Set was designed with a clear focus on accurate and safe hip joint access during hip arthroscopic procedures. This comprehensive set of instruments includes 30° and 70° arthroscopes with inflow/outflow sheaths, as well as an innovative cannula-bridging system designed with a quick connect, locking cannula system that allows quick portal switching.

The included metal cannulas, in sizes from  $\varnothing 4.5$  mm -  $\varnothing 6.5$  mm, in half millimeter increments, feature an anatomy-conforming and atraumatic rounded tip design and are color-coded to match their respective blunt tip cannulated obturator. The obturators facilitate quick and safe insertion over a flexible guide wire. The atraumatic Metal Open Cannula system includes tapered and blunt tips with a detachable handle, so that the cannulas can be left in place in the portal, without the handle getting in the way.

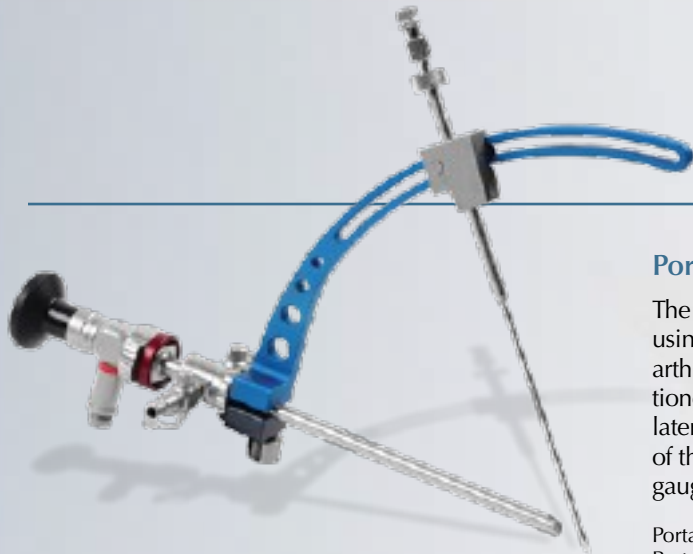
The set also includes long cannulated 4 mm Switching Sticks and an ergonomic set of telescoping Portal Dilation Sleeves that facilitate creating or maintaining portals.

### Hip Arthroscope Set (AR-6575S) includes:

Hip Length Metal Cannula 4.5 mm, fenestrated, qty. 2	AR-3400H-4.5
Hip Length Metal Cannula 5 mm, fenestrated	AR-3400H-5.0
Hip Length Metal Cannula 5.5 mm, fenestrated	AR-3400H-5.5
Hip Length Metal Cannula 6.5 mm, fenestrated	AR-3400H-6.5
Hip Length Obturator, cannulated, 4.5 mm	AR-3402H-4.5
Hip Length Obturator, cannulated, 5 mm	AR-3402H-5.0
Hip Length Obturator, cannulated, 5.5 mm	AR-3402H-5.5
Hip Length Obturator, cannulated, 6.5 mm	AR-3402H-6.5
Hip Cannula Hub, Quick Connect, qty. 2	AR-3490HQC
Switching Stick, long, cannulated, qty. 2	AR-6520-15
Inflow Cannula Adapter w/Stopcock	AR-3035L
Metal Open Cannula, tapered	AR-6507-03
Metal Open Cannula, blunt tip	AR-6507-04
Tear Drop Handle	AR-2001
Portal Dilation Handle	AR-6524
Portal Dilation Sleeve, 4 mm	AR-6524-04
Portal Dilation Sleeve, 6 mm	AR-6524-06
Storz Style Obturator, 4 mm	AR-6505-02
30° Scope	AR-3030AW
70° Scope	AR-3070AW
Hi-Flow Sheath, 6 mm, w/two Stopcocks, fenestrated, qty. 2	IR0104
Obturator, Blunt, For 6 mm Sheaths, qty. 2	IR0200
Hip Length 2-Valve Bridge	IR5003
Hip Arthroscope Instrument Case	AR-6575C



Hip Length Obturators w/Metal Cannulas



## Portal Access Guide

The Portal Access Guide was designed to facilitate portal placement using a spinal needle, once the Portal Access Guide is mounted to the arthroscope sheath. The guide sleeve attachment can then be positioned and locked along the guide arm at various points in a medial/lateral and superior/inferior direction, allowing for biplanar adjustment of the portal position. The Portal Access Guide can accept up to a 14-gauge spinal needle from one of the Hip Arthroscopy Disposable Kits.

Portal Access Guide	AR-6513-01
Portal Access Guide Sleeve	AR-6513-02

## Hip Arthroscopy Disposable Kits

These kits contain all of the essential disposable items to perform hip arthroscopy joint access, including spinal needles, flexible Nitinol guide wires, and knife blades for capsular access. AR-6526S contains 14-gauge spinal needles and 1.5 mm guide wires, and AR-6527S contains 17-gauge spinal needles and 1.1 mm guide wires.

AR-6526-01S is a simplistic, cost-effective access kit which only contains the basics for hip joint access during arthroscopic procedures. Each kit contains two new custom length 1.1 mm x 18" flexible Nitinol guide wires and two 7" x 17-gauge spinal needles. The guide wires were lengthened to be more compatible with longer cannulated instruments that are included in the Hip Arthroscope Set.

Hip Arthroscopy Master Disposable Kit w/Knife Blades	AR-6526S
Hip Arthroscopy Disposable Kit w/Banana Blade	AR-6527S
Hip Access Disposable Kit (b)	AR-6526-01S

## Arthroscopic Knives

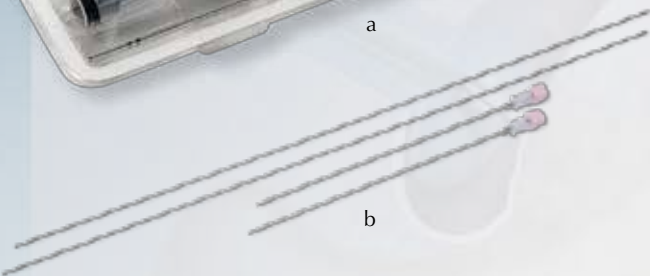
The Retractable Cannulated Knife was designed to provide the ultimate soft tissue protection when introducing and removing a cutting device in and out of the hip for soft tissue resection procedures, such as performing a capsulotomy or detaching the labrum. Being cannulated, the device can be passed into the joint over a flexible Nitinol guide wire. The blunt tip facilitates capsular dilation as it safely enters into the joint, and prevents inadvertent damage to the cartilage surface as a result of forceful insertion. Once the tip of the device has entered the joint, the slide lock can be moved proximally to move the sheath and expose the blade.

The Banana and Hook Blades have precision ground dual-sided edges that stay sharp after multiple uses, and are ideal for capsulotomies to gain access to the central and peripheral compartments. The Banana Blade is also a great option to accurately perform labral takedown from the acetabulum during acetabular osteoplasty procedures. The Hook Blade is ideal for capsulotomies and tissue resection by facilitating cutting from indirect angles. The single-piece design resists bending and features an integrated and knurled handle for ease of use.

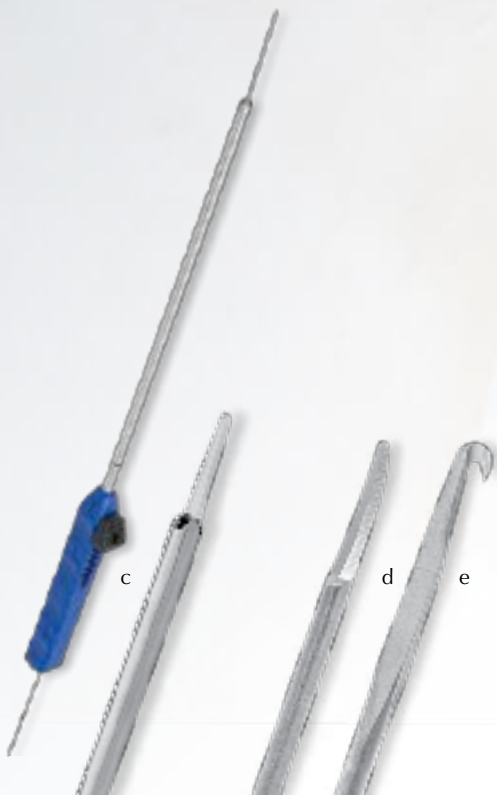
Retractable Cannulated Knife (c)	AR-6527-01
Banana Blade (d)	AR-6527-05
Hook Blade (e)	AR-6527-19



a



b



c

d

e

# Hip Arthroscopy Instruments

## Hip Arthroscopy Master Instrument Set (AR-6517S)

The Hip Arthroscopy Master Instrument Set was designed with functionality in mind to complement the vast array of arthroscopic procedures being performed in the hip. It contains a full complement of joint access, tissue resection, grasping, microfracture and suture management instruments. All of the necessary instruments are now at your fingertips when performing diagnostic hip arthroscopy, loose body removal, tissue and bone resection, labral repair, microfracture, capsulotomy, and osteoplasty for femoroacetabular impingement (FAI).

Following joint access, facilitated by one of the Hip Arthroscopy Disposables Kits, the Portal Dilation System atraumatically dilates the thick hip capsule using an ergonomic handle with interchangeable sleeves used sequentially over a guide wire. The Open Cannulas can be used to facilitate instrument and arthroscope insertion into the joint quickly, once capsular dilation is achieved.

Anatomically-curved Hip Chondro Picks are available to access central and peripheral portions of the acetabulum and the femoral head. The reinforced, sharp tips penetrate with ease and resist inadvertent slipping across bone. Specialized Rasps, angled Tissue Elevators, angled Curettes and curved soft tissue Probes allow for access to even the tightest recesses, when preparing for soft tissue repairs or resecting osteophytes.



Portal Dilation Handle - AR-6524

AR-8671H  
Chondro Pick, 90° Tip,  
220 mm Shaft

AR-8672H  
Chondro Pick, 60° Tip,  
220 mm Shaft

AR-8670H  
Chondro Pick, 40° Tip,  
220 mm Shaft

AR-10030  
Probe, Hook, ø4.8 mm Tip, 220 mm Shaft

AR-10030C  
Probe, Curved Shaft,  
220 mm with 5 mm markings

AR-20030  
Curette, Both Sides Cut,  
ø5.4 mm Ring, 220 mm Shaft

AR-22040  
D-Curette, Both Sides Cut,  
5.4 mm x 220 mm

AR-1342H-15  
Tissue Elevator, 15°, 220 mm Shaft

AR-1342H-30  
Tissue Elevator, 30°, 220 mm Shaft

AR-1309H  
Rasp, 220 mm Shaft

AR-4130  
Meniscus Repair Rasp, 220 mm Shaft

AR-5010H  
Push/Pull Crochet Hook,  
220 mm Shaft

AR-1305H  
Knot Pusher,  
Closed End, 220 mm Shaft

AR-6524-06  
Portal Dilation Sleeve, 6 mm

AR-6524-04  
Portal Dilation Sleeve, 4 mm



# Hip Arthroscopy Instruments

## Hip Arthroscopy Master Instrument Set (AR-6517S) cont.

The WishBone™ Hand Instruments are the heart of this instrument set. The ergonomically designed handles work well in either the supine or lateral decubitus position, while reducing hand fatigue. Each has a 220 mm shaft to facilitate joint access in larger patients or while using long cannulas. The Punches are offered in a variety of angled tips and shaft angles to reach the furthest recesses of the hip joint. The Graspers are designed for loose body retrieval and tissue elevation. Suture passage can be achieved using the BirdBeak® and Penetrator™ Suture Passers, available in multiple angled tip and shaft options. Suture grasping and cutting instruments are included to facilitate suture management during labral repair and reconstruction, as well as capsular plication.



### Not pictured but included in AR-6517S

Open Cannula	AR-6506
Open Cannula, blunt tip	AR-6507
Reusable Obturator for 7 mm x 11 cm Cannula	AR-6578-11
Reusable Obturator for 8.25 mm x 11 cm Cannula	AR-6576-11

### WishBone Hip Instrument Set also sold separately

WishBone Hip Instrument Set	AR-6517WS
WishBone Hip Instrument Set Case, 12 slot	AR-6517WC

- AR-14800W  
BirdBeak, 45° Up Tip
- AR-14890W  
BirdBeak, 22° Up Tip
- AR-15310W  
Punch, Medium Straight Tip,  
ø3.4 mm 15° Up Curved Shaft,
- AR-15530W  
Punch, Medium Straight Reverse Tip,  
ø3.4 mm Straight Shaft,
- AR-15551W  
Suture Retriever, 10° Up Curved Shaft
- AR-15800W  
Punch, Medium 45° Right Tip,  
ø3.4 mm Straight Shaft,
- AR-15810W  
Punch, Medium 45° Left Tip,  
ø3.4 mm Straight Shaft
- AR-16400W  
Grasper, Straight Loose Body Tip,  
ø4.2 mm Straight Shaft
- AR-16600W  
Grasper, Alligator Hook Tip,  
ø4.2 mm Straight Shaft
- AR-16970W\*  
KingFisher® Suture Retriever/Tissue Grasper
- AR-2267W-2  
Penetrator Suture Retriever, 15° Up Curved
- AR-16250W  
Suture Cutter, ø4.2 mm Straight Shaft
- AR-16794LW\*  
Suture Cutter, ø4.2 mm Straight Shaft,  
open end, left notch
- AR-13975W  
FiberWire Grasper



All these instruments are 220 mm long and have a WishBone handle  
\*Sold separately

# Ring-Handled Instrument Set

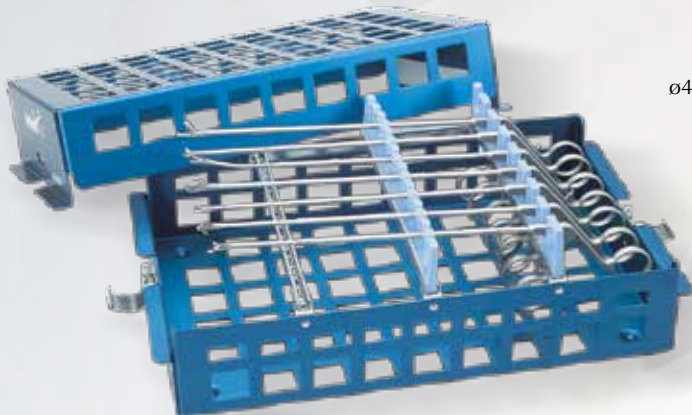
## Hip Arthroscopy Hand Instrumentation (AR-6511S)

The Hip Arthroscopy Hand Instruments were designed with the discriminating surgeon in mind. They offer the same high standard of quality and tactile feel as all of the Arthrex Series I Instruments. Our manufacturing facility has over 30 years of arthroscopic hand instrument design, development and manufacturing experience.

The Hip Arthroscopy Hand Instruments have a 220 mm working length. The Punches are offered in a variety of angled tips and shafts to reach the furthest recesses of the hip joint. The Graspers were designed for large loose body retrieval commonly encountered in hip arthroscopy.

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

Arthrex offers a lifetime guarantee on materials and workmanship on every Series I Instrument.



Hand Instrument Case, 16 slot - AR-2180

\* The hip length NR Series Graspers in this instrument set can be replaced with the SR Series Graspers upon request, at no additional charge.

AR-14800NR  
BirdBeak, 45° Up Tip

AR-14890NR  
BirdBeak, 22° Up Tip

AR-10030  
Probe, 4.8 mm Hook Tip, 220 mm Shaft

AR-20030  
Curette, One Side Cut, ø5.4 mm ring, 220 mm

AR-15300  
Punch, Medium Straight Tip,  
ø3.4 mm Straight Shaft, 220 mm

AR-15310  
Punch, Medium Straight Tip,  
ø3.4 mm 15° up Curved Shaft, 220 mm

AR-15530  
Punch, Medium Straight Reverse Tip,  
ø3.4 mm Straight Shaft, 220 mm

AR-15800  
Punch, Medium 45° Right Tip,  
ø3.4 mm Straight Shaft, 220 mm

AR-15810  
Punch, Medium 45° Left Tip, ø3.4 mm,  
ø3.4 mm Straight Shaft, 220 mm

AR-16400NR\*  
Grasper, Straight Loose Body Tip,  
ø4.2 mm Straight Shaft, 220 mm w/NR Handle

AR-16600NR\*  
Grasper, Hook Tip, ø4.2 mm,  
ø4.2 mm Straight Shaft, 220 mm w/NR Handle

AR-15551NR  
Suture Retriever, 10° Up Curved Shaft

AR-16970SR  
KingFisher®  
Suture Retriever/Tissue Grasper

AR-2267SR-2  
Penetrator Suture Retriever, 15° Up Curved

AR-16794L  
Suture Cutter, ø4.2 mm Straight Shaft,  
open end, left notch

AR-16975SR  
FiberWire Grasper,  
220 mm w/SR Handle

AR-16250  
Suture Cutter, ø4.2 mm Straight Shaft





## Additional Instruments for Joint Access



### Cannulated Obturators

Cannulated Obturators greatly simplify arthroscope insertion into the hip joint by enabling the surgeon to insert the scope sheath directly over a guide wire. Viewing and working portals may then be changed over a guide wire, Switching Stick or cannulated dilator. Cannulated Obturators are available for standard length Olympus, Storz, Dyonics and Stryker style arthroscope systems.

Cannulated Obturator, Olympus style, 4 mm	AR-6505-01
Cannulated Obturator, Storz style, 4 mm	AR-6505-02
Cannulated Obturator, Dyonics style, 4 mm	AR-6505-03
Cannulated Obturator, Stryker style, 4 mm	AR-6505-04

### Open Cannula

The Open Cannulas allow for quick portal exchange and easy introduction of working instruments into the joint. The sturdy, reinforced steel construct resists bending and the tapered tip eases entry through the capsule. The Open Cannulas are also ideal for passing curved instruments and large loose bodies that will not fit through standard cannulas. The proximal end of the blunt tip Open Cannula has been updated to slope, allowing for fast introduction of instruments.

Open Cannula (a)	AR-6506
Open Cannula, blunt tip (b)	AR-6507
Metal Open Cannula, tapered tip w/detachable handle	AR-6507-03
Metal Open Cannula, blunt tip w/detachable handle	AR-6507-04

### Clear Open Cannula

The Clear Open Cannulas, with detachable handle option, facilitate instrument introduction by allowing the user to freely see the instruments entering the joint, while providing an unrestrained field of view. Manufactured from a shatterproof polycarbonate material, these strong cannulas resist bending failure commonly seen during hip arthroscopy procedures. The tapered and blunt tips may eliminate iatrogenic cartilage damage due to forceful instrument insertion. Each can be used with a variety of quick connect handles that can be removed while the cannula is still in place.

Clear Open Cannula, tapered tip	AR-6507-01
Clear Open Cannula, blunt tip	AR-6507-02
Tear Drop Handle	AR-2001



# Capsular and Labral Repair and Reconstruction

## PushLock®

The PushLock is a bioabsorbable or nonabsorbable knotless suture anchor made of either PLDLA, PEEK or a BioComposite™ material consisting of PLDLA and  $\beta$ -TCP and indicated for use in arthroscopic stability procedures of the femoroacetabular joint. Its revolutionary two-piece design facilitates controlled suture-tensioning intraoperatively prior to committing the anchor in bone, allowing for precise tissue reduction. PEEK has excellent biostability and biocompatibility characteristics. The PushLock disposables kits include the necessary drill and drill guide to precisely place the pilot hole on the acetabular rim. Reusable drills and drill guides are also available in hip lengths.

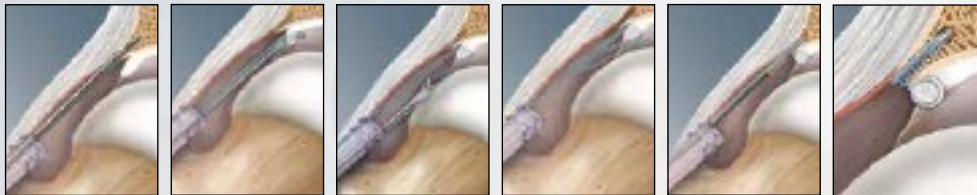


### Implants:

Hip PushLock, 3.5 mm x 19.5 mm	AR-1926PHS
Hip Bio-PushLock, 3.5 mm x 19.5 mm (a)	AR-1926BH
PEEK Hip PushLock, 2.9 mm x 15.5 mm (b)	AR-1923PHS
Hip Bio-PushLock, 2.9 mm x 15.5 mm	AR-1923BH
2.9 mm BioComposite PushLock, 2.9 mm x 15.5 mm	AR-1923BCH

### Required Instruments:

Disposables Kit for 3.5 mm PushLock	AR-1926DHS
Disposables Kit for 2.9 mm PEEK Hip PushLock	AR-1923DHS
Drill Guide, 3.5 mm Hip, saddle tip, with cannulated trocar	AR-1907H-3.5
Drill Guide, 3.0 mm Hip, saddle tip, with cannulated trocar	AR-1949H-3.0
Drill Guide, 2.9 mm Hip, fork tip	AR-1325H-2.9
Drill Guide, 3.5 mm Hip, fork tip	AR-1325H-3.5
Drill for 3.5 mm PushLock	AR-1912
Drill for 2.9 mm PushLock	AR-1923DL
Drill for 2.9 mm PushLock (hard bone)	AR-1923D



## SutureTak®

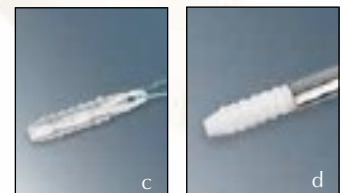
The SutureTak is a bioabsorbable or nonabsorbable suture anchor made of either PLDLA, PEEK or a BioComposite material consisting of PLDLA and  $\beta$ -TCP and indicated for use in arthroscopic stability procedures of the femoroacetabular joint. Its proprietary flexible molded-in suture eyelet technology resists suture abrasion during the knot tying process and self-oriens the suture tails during insertion to optimize suture sliding. Simple predrilling, with a drill through a drill guide provided in the disposables kit, and mallet insertion significantly reduces surgical time and preserves bone stock. Each Bio-SutureTak is available preloaded with either a solid color #2 FiberWire® and/or striped #2 TigerWire® high strength suture which aids in suture management and strand identification during suture passing and knot tying. FiberWire sutures demonstrate superior\* tensile and knot-break strength as well as abrasion and elongation-resistance when compared to other high strength sutures.

### Implants:

Bio-SutureTak Suture Anchor, 3 mm x 14 mm, w/#2 FiberWire (c)	AR-1934BF
Bio-SutureTak Suture Anchor, 3 mm x 14 mm, w/two #2 FiberWire	AR-1934BF-2
Bio-SutureTak Suture Anchor, 3 mm x 14 mm, w/#2 TigerTail	AR-1934BFT
Bio-SutureTak Suture Anchor, 3 mm x 14 mm, w/two #2 TigerTail	AR-1934BFT-2
PEEK SutureTak, 3 mm x 12 mm, w/#2 FiberWire (e)	AR-1934PS
BioComposite SutureTak, 3 mm x 14 mm, w/#2 FiberWire (d)	AR-1934BCF
BioComposite SutureTak, 3 mm x 14 mm, w/#2 TigerTail	AR-1934BCFT
BioComposite SutureTak, 3 mm x 14 mm, w/two #2 FiberWire	AR-1934BCF-2
BioComposite SutureTak, 3 mm x 14 mm, w/two #2 TigerTail	AR-1934BCFT-2

### Required Instruments:

Disposables Kit for 3 mm Hip SutureTak	AR-1934DHS-2
Drill Guide, 3.0 mm Hip, saddle tip, with cannulated trocar	AR-1949H-3.0
Drill Guide, 2.9 mm Hip, fork tip	AR-1325H-2.9
Step Drill for 3 mm SutureTak	AR-1250LT



\*data on file

## Specialty Guides and Arthroscopic Suture Passing



### ChondroGuard® Drill Guides

The ChondroGuard Drill Guides for the hip, in 4 and 6 mm offsets, were designed to facilitate safe and accurate acetabular rim drilling prior to suture anchor placement, thus avoiding drilling into the cartilage. The novel tip extension, when placed in the correct position, rests against the articular surface of the acetabulum. The “fish mouth” tip cradles the acetabular rim, resulting in drill hole placement that does not interfere with the articular cartilage and subchondral bone. These drill guides can be used with the 2.9 mm Hip PushLock or 3 mm SutureTak line of suture anchors for hip labral reattachment procedures. Insertion into the hip joint is performed over a Clear Open Cannula or through a flexible Hip PassPort Button Cannula.



ChondroGuard Drill Guide, 4 mm offset (a)  
ChondroGuard Drill Guide, 6 mm offset (b)

AR-5600-01  
AR-5600-02



### Hip Length SutureLasso™

The SutureLasso for Hip Arthroscopy has an extended and reinforced shaft that makes them the perfect option for suture shuttling during labral repair and capsular closure procedures, by reaching into the deep recesses of the hip joint, where excessive force is sometimes needed to complete the task. The 220 mm shaft length allows for use down 11 cm and longer cannulas frequently used in hip arthroscopy. Available in 45° right and left curves, crescent and 90° tip variations, each comes with a braided Nitinol shuttle that can be advanced into the hip joint easily using the thumb pad. Each handle is color-coded to correspond to its tip configuration.

SutureLasso for Hip Arthroscopy, 45° right curve  
SutureLasso for Hip Arthroscopy, 45° left curve  
SutureLasso for Hip Arthroscopy, crescent  
SutureLasso for Hip Arthroscopy, 90° straight

AR-4068-45RH  
AR-4068-45LH  
AR-4068CH  
AR-4068-90H



### FiberStick™ and TigerStick®

The stiff “waxed” end of the FiberStick and TigerStick allows convenient and easy advancement through most cannulated instruments or spinal needles, alleviating the need for a monofilament suture or wire suture shuttle. FiberStick and TigerStick come with a thin plastic tube which protects the stiffened suture end until use.

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

# Tissue Resection

## Arthrex CoolCut® Blades and Burrs

Arthrex offers a wide range of high quality, single use disposable shaver blades and burrs, in standard and hip length, for all arthroscopic procedures. Made with superior materials, manufacturing processes and workmanship, these products offer uncompromising performance and efficiency during tissue resection and burring applications.

The disposable hip length CoolCut shaver blades and burrs can be inserted with the cutting window in the up or down position in any shaver handpiece version currently offered. Threads molded into the blade and burr hubs allow them to lock onto bridge cannulas for increased maneuverability and fluid management.

The newest hip length addition includes the Curved Excalibur, uniquely designed to work in conjunction with the APS II Shaver System. The Curved Excalibur is Arthrex's most aggressive tissue-resecting shaver blade, now featuring a curved shaft to aid in accessing hard to reach pathology in the hip joint.

Exemplifying Arthrex's dedication to innovation in all phases of arthroscopic surgery, these devices are only available through Arthrex and are unparalleled in our field.



AR-6420CEX  
Curved Excalibur, hip length,  
4.2 mm x 19 cm

AR-6420EX  
Excalibur, hip length,  
4.2 mm x 19 cm

AR-6420ST  
SabreTooth, hip length,  
4.2 mm x 19 cm

AR-6420CST  
SabreTooth, Curved, hip length,  
4.2 mm x 19 cm

AR-6420BC  
Bone Cutter, hip length,  
4.2 mm x 19 cm

AR-6420DS  
Dissector, hip length,  
4.2 mm x 19 cm

AR-6420CDS  
Dissector, Curved, hip length,  
4.2 mm x 19 cm

AR-6400RBE  
Round Burr, hip length, 8 Flute,  
4 mm x 19 cm

AR-6500RBE  
Round Burr, hip length, 8 Flute,  
5 mm x 19 cm



Shaver Handpiece - AR-8330H



## Nav-X™ Steerable Monopolar Ablation Probes

The Nav-X Steerable Monopolar Ablation Probes and Graspers represent the next generation in instrument technology for hip arthroscopy procedures. The ablation probes allow for unconstrained tissue ablation, coagulation and removal while each specific grasper allows for superior tissue and suture manipulation during repair and resection procedures. Each device tip can be moved a full 360° – simply by moving the handle in the direction the tip needs to go, mirroring the surgeon's hand movement. This unique tip motion facilitates treating hard to reach areas of the normally confined hip joint during arthroscopic resection and repair procedures.

Each device tip can also be rotated 360° by simply moving a dial on the handle to orient the tip in a position that is desired without the need to move the handle. A tip-lock option can be engaged when inserting or removing the device to eliminate tip "bend back", and to stiffen the tip when leveraging tissue within the joint space. All Nav-X Steerable Monopolar Ablation Probes are foot-controlled and are connected to the OPES® Electrosurgical Generator.

Nav-X Steerable Blade, Monopolar, 220 mm	AR-6528-01
Nav-X Steerable Hook, Monopolar, 220 mm	AR-6528-02
Nav-X Steerable Grasper, Alligator Hook	AR-6528-03
Nav-X Steerable Loose Body Grasper	AR-6528-04
Nav-X Steerable Grasper, Retriever	AR-6528-05
Nav-X Steerable Grasper, KingFisher	AR-6528-06



KingFisher Tip



Blade Tip

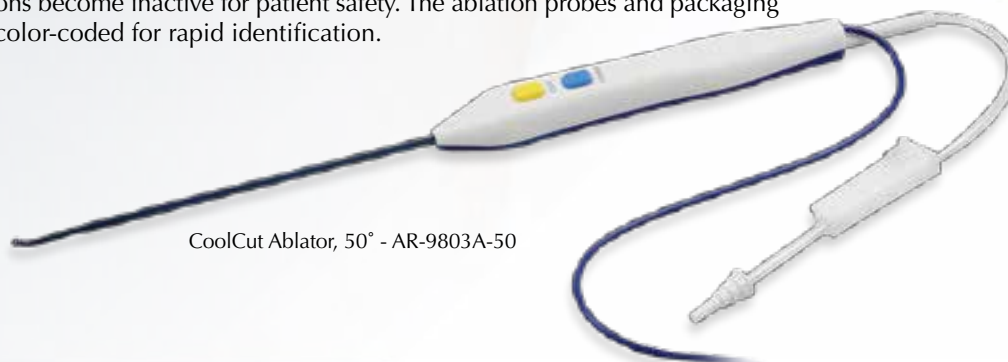


Hook Tip

## Arthrex CoolCut Aspirating Ablation Probes

The "CoolCut" line of low profile ablation probes is designed to fit through smaller diameter cannulas typically used in hip procedures. The suction port is positioned through the active electrode face for optimum visualization and ablation efficiency as tissue is drawn toward the active electrode. The varying angled tips, electrode sizes and 130 mm shaft lengths offer the greatest number of choices resulting in optimal ablation control for procedure-specific use.

All CoolCut ablation probes may be used with hand or foot control, based on surgeon preference. With the foot control engaged, the hand control buttons become inactive for patient safety. The ablation probes and packaging are color-coded for rapid identification.



CoolCut Ablator, 50° - AR-9803A-50

AR-9803A-90  
CoolCut Ablator, 90°

AR-9803A-50  
CoolCut Ablator, 50°

# Fluid Management Accessories

## Partially Threaded Cannula System

The twist-in, Partially Threaded Cannulas are manufactured from a clear polycarbonate material that allows uninhibited visualization of instruments and sutures through the cannula walls which helps the surgeon prevent suture entanglement and will allow visualization of arthroscopic knots as they are delivered down the cannula. The cannula has threads only on the distal section of the cannula, allowing the surgeon to quickly adjust the working length of the cannula without having to screw or unscrew the entire length of the cannula.

Partially Threaded Cannula w/No Squirt Cap, 7 mm I.D. x 9 cm <i>(for use with Reusable Obturator - AR-6578-09)</i>	AR-6577-09
Partially Threaded Cannula w/No Squirt Cap, 7 mm I.D. x 11 cm <i>(for use with Reusable Obturator - AR-6578-11)</i>	AR-6577-11
Partially Threaded Cannula w/No Squirt Cap, 8.25 mm x 9 cm <i>(for use with Reusable Obturator - AR-6541)</i>	AR-6575-09
Partially Threaded Cannula w/No Squirt Cap, 8.25 mm x 11 cm <i>(for use with Reusable Obturator - AR-6576-11)</i>	AR-6575-11

## Twist-In Cannula System

The translucent Twist-In Cannula allows direct arthroscopic visualization of instruments and suture passing through the cannula. Arthroscopic knot tying is simplified since twisted and tangled sutures can be observed and corrected during arthroscopic knot tying. The threaded design greatly inhibits annoying cannula "fall-out" during instrument removal. Threads can be used to retract the capsule, improving arthroscopic visualization. The side port may be used for irrigation inflow or passive outflow, if desired. The tethered luer lock cap eliminates misplaced sterile caps during the procedure.

Twist-In Cannula, 6 mm I.D. x 9 cm <i>(for use with Reusable Obturator - AR-6546)</i>	AR-6545
Twist-In Cannula, 8.25 mm I.D. x 9 cm <i>(for use with Reusable Obturator - AR-6541)</i>	AR-6540

## Instrument Cannula

The clear Instrument Cannula is designed to accommodate all Arthrex radio frequency probes, as well as most shaver blades and manual instruments. The transparent cannula facilitates arthroscopic visualization of instruments, knot pushers and sutures.

Instrument Cannula, 5.5 mm I.D. x 9 cm	AR-6532
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## Cannula Accessories:

Wissinger Rod, 4 mm	AR-3025
Switching Stick, extra long, 4 mm	AR-3026
Switching Stick, 15"	AR-3020-01
Switching Stick, 18"	AR-3020-02
Dilator, 4 mm	AR-6520-4



# Fluid Management Accessories

## PassPort Button Cannula™

The PassPort Button Cannulas help maximize visibility and maneuverability inside and outside of the arthroscopic work space. The double-dam, one-piece molded design has low profile flanges that seat flush to the skin and soft tissue. These flanges create a stable portal that allows instruments to be inserted and removed, without the concern of cannula loss. They are easily introduced by grasping the inside flange with a curved hemostat and inserting into the incision. Each PassPort is supplied with a 5 mm spacer to ensure the accurate length.

PassPort Button Cannula, 6 mm I.D. x 2 cm  
 PassPort Button Cannula, 6 mm I.D. x 3 cm  
 PassPort Button Cannula, 6 mm I.D. x 4 cm  
 PassPort Button Cannula, 6 mm I.D. x 5 cm

PassPort Button Cannula, 8 mm I.D. x 2 cm  
 PassPort Button Cannula, 8 mm I.D. x 3 cm  
 PassPort Button Cannula, 8 mm I.D. x 4 cm  
 PassPort Button Cannula, 8 mm I.D. x 5 cm

PassPort Button Cannula, 10 mm I.D. x 2 cm  
 PassPort Button Cannula, 10 mm I.D. x 3 cm  
 PassPort Button Cannula, 10 mm I.D. x 4 cm  
 PassPort Button Cannula, 10 mm I.D. x 5 cm  
 Hip PassPort Button Cannula, 8 mm I.D. x 9 cm

Articulating Paddle Elevator, w/depth markings  
 PassPort Insertion Tool (a)

AR-6592-06-20  
 AR-6592-06-30  
 AR-6592-06-40  
 AR-6592-06-50

AR-6592-08-20  
 AR-6592-08-30  
 AR-6592-08-40  
 AR-6592-08-50

AR-6592-10-20  
 AR-6592-10-30  
 AR-6592-10-40  
 AR-6592-10-50  
 AR-6592-08-90

AR-8630  
 AR-6592P



Hip PassPort Button Cannula



Maximum joint access for  
 unconstrained instrumentation  
 maneuverability

## Hip Repair and Resection

### Peritrochanteric Compartment

(Average sizes: 6 mm x 3 cm, 6 mm x 4 cm, 8 mm x 3 cm and 8 mm x 4 cm)

- Gluteus medius repair
- IT band excision for external snapping hip
- Trochanteric bursectomy

### Peripheral Compartment

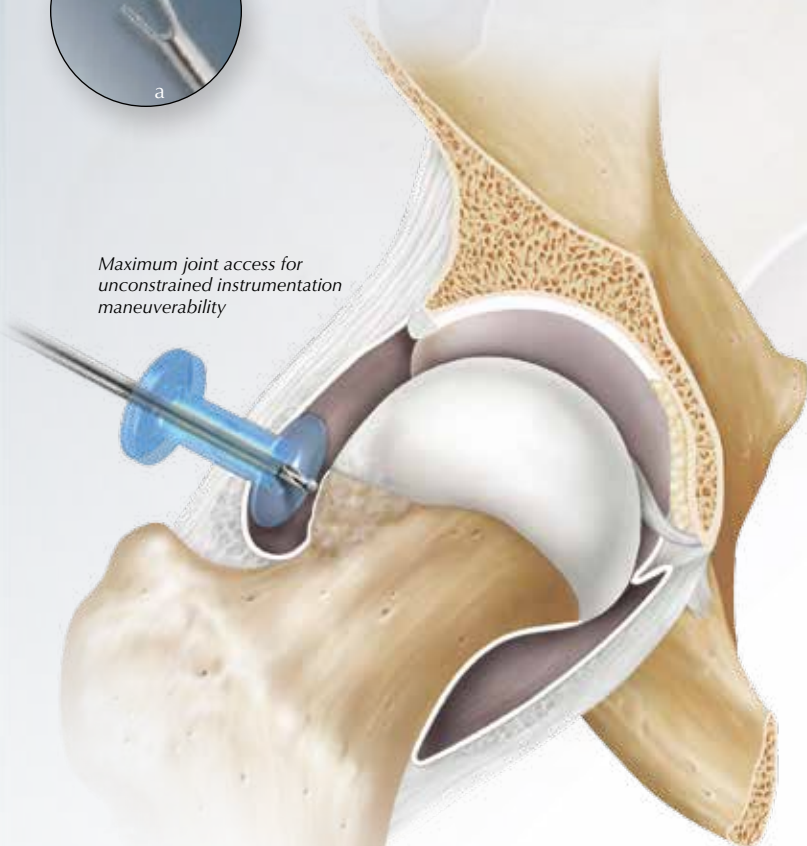
(Average sizes: 8 mm x 5 cm and 10 mm x 5 cm)

- Femoral neck osteoplasty for FAI

### Central Compartment

(Average sizes: 8 mm x 5 cm and 10 mm x 5 cm)

- Acetabuloplasty for FAI
- Labral debridement or reattachment procedures
- Loose body removal
- Iliopsoas release for internal snapping hip





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U.S. PATENT NOS. 5,964,783; 6,074,403; 6,517,552; 6,716,234; 6,991,636; 6,994,719; 7,029,490;  
7,077,845; 7,147,651; 7,226,469; 7,329,272; 7,993,369 and PATENT PENDING

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