



# HIP ARTHROSCOPY BROCHURE

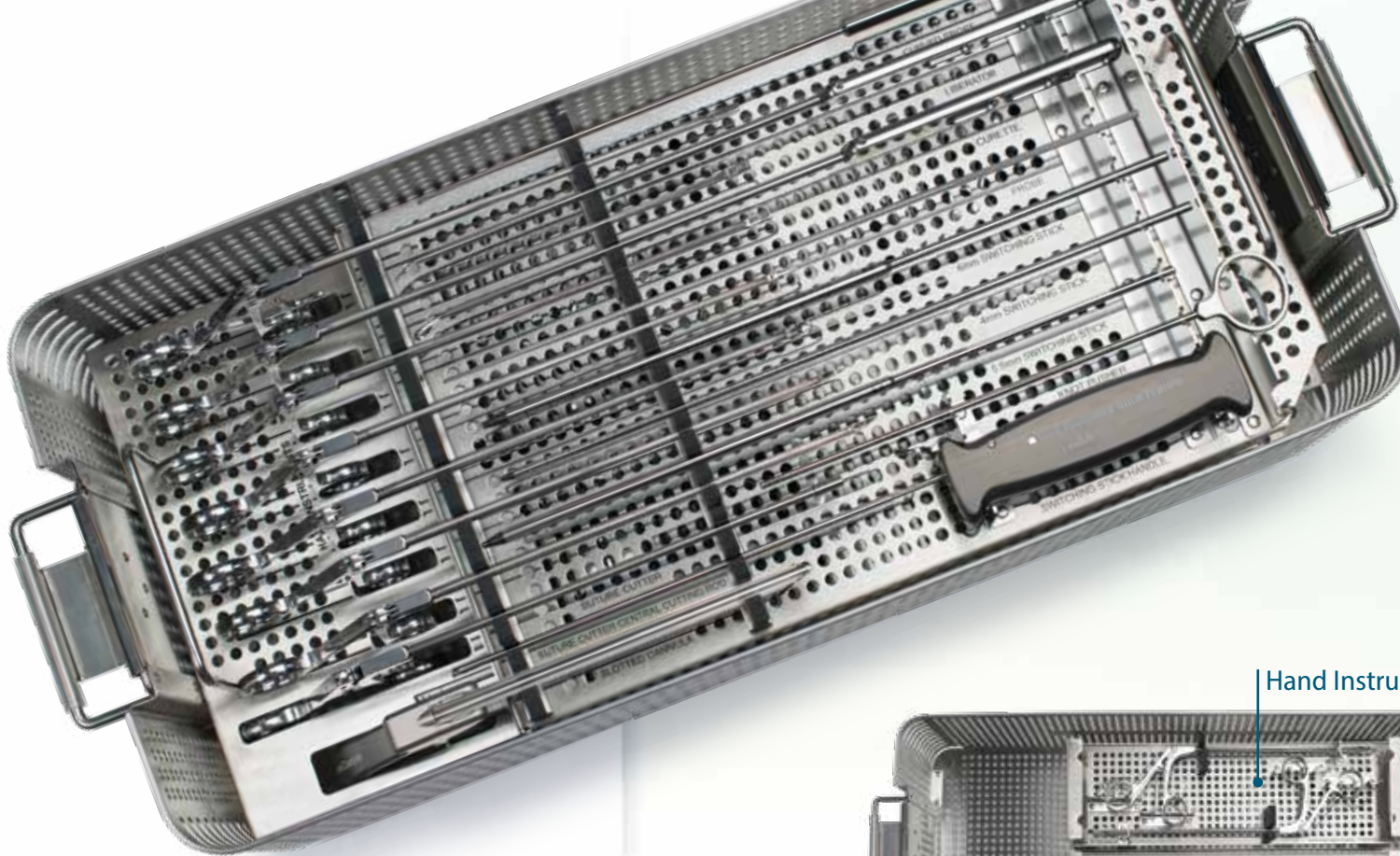
**BIOMET**  
SPORTS MEDICINE



Biomet Sports Medicine designed, developed, and launched the first all-suture anchor on the market, known as the Juggernaut Soft Anchor. Once surgeons began utilizing this anchor they quickly realized how useful the implant is for hip labral repairs. Therefore, while working alongside these surgeons, a complete set of hip arthroscopy instrumentation has been developed to complement the innovative anchor technology.

The Biomet Sports Medicine hip arthroscopy instrumentation is designed specifically for arthroscopic hip procedures. The size and shape of each individual instrument was carefully designed with the hip anatomy in mind and crafted from durable stainless steel material.



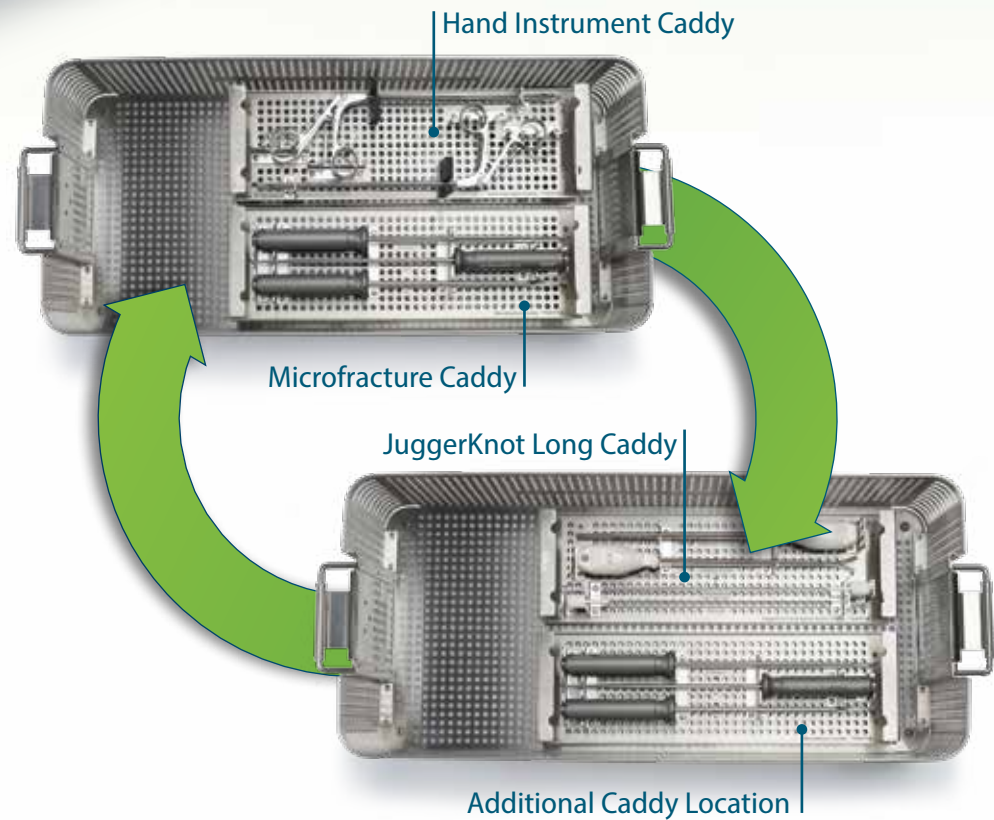


**Biomet Sports Medicine  
Hip Arthroscopy Instrumentation**

The beauty of this instrumentation is the ability to mix and match certain instruments required for specific procedures. The bottom four caddies have the ability to be swapped out depending upon surgeon preference.

Hip instrument caddy options include:

- Hand Instruments
- JuggerKnot Long
- Microfracture

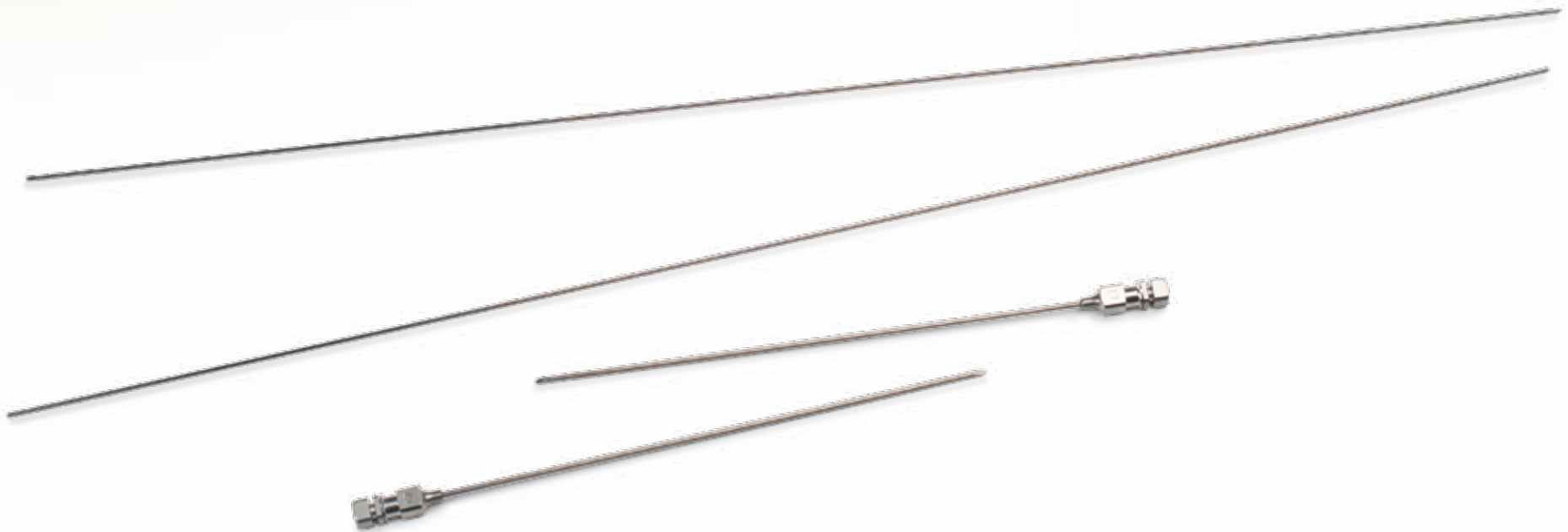




# ACCESS THE JOINT

## Disposable Kit

- The hip access kit includes the essentials for accessing the hip joint space
- Kit includes two 1.1 mm Nitinol wires and two needles



# INSTRUMENTATION

## Portal Management

### Slotted Cannula

- Ergonomically designed for comfort and ease of use



### Switching Sticks

- The handle positively locks to the switching stick to facilitate smooth penetration through the capsule
- Multiple size options for use with capital equipment



6 mm



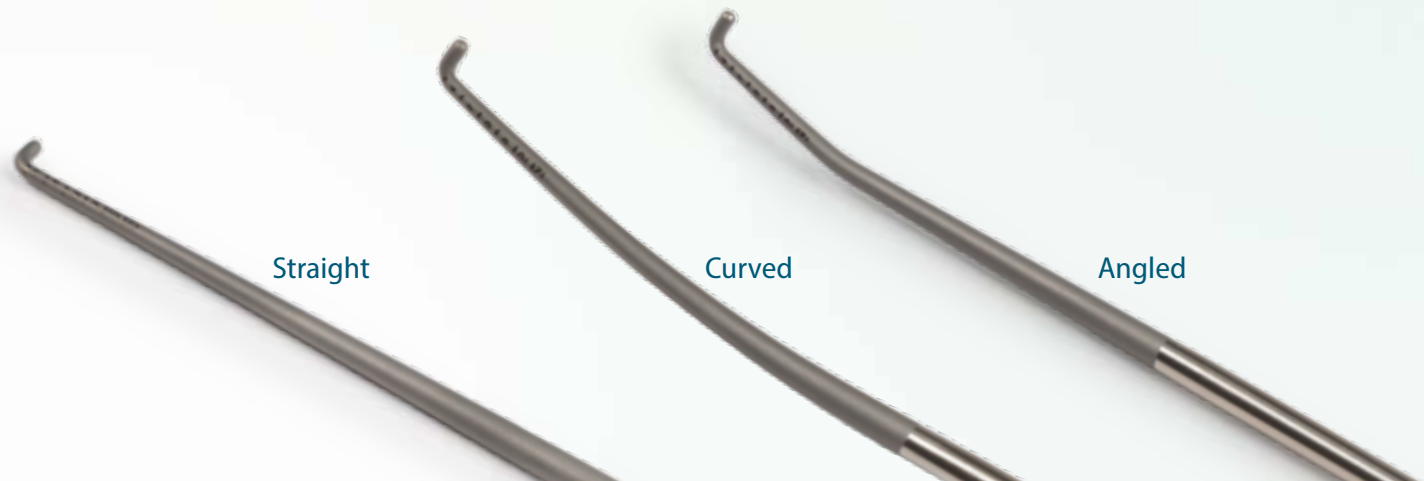
4 and 4.5 mm



5 and 5.5 mm

### Probes

- Three shape options for portal and anatomy flexibility



Straight

Curved

Angled

## Soft Tissue Management



Straight

### Biters

- Cuts very close to the tip of the acetabular rim for optimal tissue trimming



15° Up



### Liberator

- Size and shape designed for hip arthroscopy applications



20° Right



20° Left



Rasp 30°

### Graspers

- Multiple options for soft tissue, suture, and loose body removal

### Rasp

- Excellent for shaping bone resections



# INSTRUMENTATION

## Suture Management



**Knot Pusher**

- Length designed for hip arthroscopy



**Passer**



**Stitcher**

### Stitchers/Passers

- Low profile design with multiple tip geometries
- Right and left Stitcher options available
- Straight and 35° Up Passer options available



**Manipulator**



**Grasper**

### Manipulator/Grasper

- Hold and manipulate sutures



### Cutter

- Easily disassembled for efficient cleaning



## Cartilage Management



### Bone Spikes

- Specifically designed for arthroscopic hip applications



### Open Curette

- Sharp and open design optimal for FAI bone removal

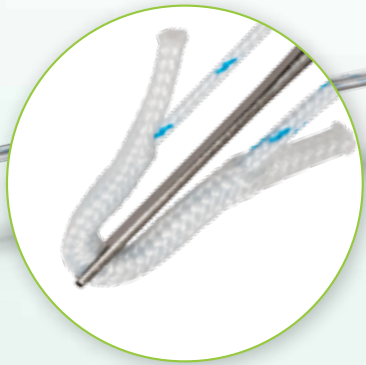
# IMPLANTS & INSTRUMENTATION

## JuggerKnot Soft Anchors



## Centering Sleeve Instrumentation





**JuggerKnot Long Soft Anchor**

- With #1 or #2 MaxBraid Suture



Flexible Drill Bit

**1.45 mm drill size**

- A small drill size for very thin areas of the acetabulum



Rigid Drill Bit  
(Large Shank)



**Straight and Curved Guide Options**

- To access difficult locations on the acetabulum
- Both reusable and disposable options available

# ORDERING INFORMATION

## Instrumentation

### ACCESS THE JOINT

PART NUMBER	DESCRIPTION
110024906	Hip Access Kit 1.1 mm Nitinol Wires and Needles

### PORTAL MANAGEMENT

PART NUMBER	DESCRIPTION
754440FBSM	Hip 4.5 mm Cannulated Switching Stick
754450FBSM	Hip 5.0 mm Cannulated Switching Stick
754410BSM	Hip 6 mm Slotted Cannula
754420FBSM	Hip 4 mm Cannulated Switching Stick
754430FBSM	Hip Switching Stick Handle
754470FBSM	Hip 6 mm Cannulated Switching Stick
754480FBSM	Hip 5.5 mm Cannulated Switching Stick
138405BSM	Hip Straight Probe
138415BSM	Hip Curved Probe
138416BSM	Hip Angled Probe

### SOFT TISSUE MANAGEMENT

PART NUMBER	DESCRIPTION
727400BSM	Hip 3 mm Biter — Straight
727431BSM	Hip 3 mm Biter 15° Up
904131BSM	Hip 20° Tissue Liberator
904431BSM	Hip Rasp 30° Up
391400BSM	Hip 5 mm Grasper — Straight
391411BSM	Hip Grasper 20° — Right
391421BSM	Hip Grasper 20° — Left
397400BSM	Hip Tissue Grasper



## SUTURE MANAGEMENT

PART NUMBER	DESCRIPTION
328412BSM	Hip Stitcher — Right
328422BSM	Hip Stitcher — Left
399400BSM	Hip Suture Passer — Straight
399431BSM	Hip Suture Passer — 35° Up
301400BSM	Hip Knot Pusher
231400BSM	Hip Suture Cutter
601400BSM	Hip Suture Manipulator
602400BSM	Hip Suture Grasper

## CARTILAGE MANAGEMENT

PART NUMBER	DESCRIPTION
904441BSM	Hip Curette Bent 20°
512400BSM	Hip Bone Spike — Straight
512404BSM	Hip Bone Spike — 60°
512406BSM	Hip Bone Spike — 40°

## CASE AND CADDIES

PART NUMBER	DESCRIPTION
110024748	Hip Instrument Case
110024749	Hip Instrument Lid
110024750	Hip Instrument Caddy JuggerKnot Long
110024751	Hip Instrument Caddy Hand Instruments
110024752	Hip Instrument Caddy Microfracture

# ORDERING INFORMATION

## JuggerKnot Long Soft Anchor

### INSTRUMENTATION

PART NUMBER	DESCRIPTION
110002759	Reusable Straight Fishmouth Guide
916020	Curved Disposable Set (Guide, Centering Sleeve, and Flexible Drill Bit)
916034	Reusable Curved Guide
916035	Reusable Straight Four-Prong Guide
916036	Disposable Flex Drill
916037	Disposable Rigid Drill
916038	Reusable Trocar
916039	Reusable Obturator
916040	Disposable Straight Set (Guide and Rigid Drill)
110016992	Disposable Flex Drill with Centering Sleeve

### IMPLANTS

PART NUMBER	DESCRIPTION
916030	JuggerKnot Long Soft Anchor #1 Single Loaded
010000334	JuggerKnot Long Soft Anchor #1 10pk
010000324	JuggerKnot Long Soft Anchor #2 Single Loaded
010000335	JuggerKnot Long Soft Anchor #2 10pk

## HIP ARTHROSCOPY INSTRUMENTS:

### INTENDED USE

The Hip Arthroscopy Instruments (hereafter hip instruments) are intended to be used in operative arthroscopic procedures in the hip joint.

The hip instruments are reusable instruments.

### CONTRAINDICATIONS

The hip instruments are NOT intended for use where one or more of the following conditions exist:

- Pathological conditions of the tissue to be treated.
- Physical conditions that would retard healing, such as blood supply limitation and infection.
- Conditions which tend to limit the patient's ability or willingness to follow instructions during the healing period.

## JUGGERKNOT SOFT ANCHORS:

### INDICATIONS

The JuggerKnot Soft Anchors are intended for soft tissue to bone fixation for the following indications:

#### Shoulder

Bankart lesion repair  
SLAP lesion repair  
Acromio-clavicular repair  
Capsular shift/capsulolabral reconstruction  
Deltoid repair  
Rotator cuff tear repair  
Biceps tenodesis

#### Foot and Ankle

Medial/lateral repair and reconstruction  
Mid and forefoot repair  
Hallux valgus reconstruction  
Metatarsal ligament/tendon repair or reconstruction  
Achilles tendon repair

### Elbow

Ulnar radial collateral ligament reconstruction  
Lateral epicondylitis repair  
Biceps tendon reattachment

### Knee

Extra-capsular repair:  
MCL, LCL, and posterior oblique ligament  
Iliotibial band tenodesis  
Patellar tendon repair  
VMO advancement  
Joint capsule closure

### Hand and Wrist

Collateral ligament repair  
Scapholunate ligament reconstruction  
Tendon transfers in phalanx  
Volar plate reconstruction

### Hip

Acetabular labral repair

### CONTRAINDICATIONS

1. Infection.
2. Patient conditions including blood supply limitations and insufficient quantity or quality of bone or soft tissue.
3. Patients with mental or neurologic conditions who are unwilling or incapable of following postoperative care instructions or patients who are otherwise unwilling or incapable of doing so.
4. Foreign body sensitivity. Where material sensitivity is suspected, testing is to be completed prior to implantation of the device.

# One Surgeon. One Patient.

**Over 1 million times per year, Biomet helps one surgeon provide personalized care to one patient.**

The science and art of medical care is to provide the right solution for each individual patient. This requires clinical mastery, a human connection between the surgeon and the patient, and the right tools for each situation.

At Biomet, we strive to view our work through the eyes of one surgeon and one patient. We treat every solution we provide as if it's meant for a family member.

Our approach to innovation creates real solutions that assist each surgeon in the delivery of durable personalized care to each patient, whether that solution requires a minimally invasive surgical technique, advanced biomaterials or a patient-matched implant.

**When one surgeon connects with one patient to provide personalized care, the promise of medicine is fulfilled.**

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Biomet does not practice medicine and does not recommend any particular implant or instrument for use on a specific patient. The surgeon is responsible for determining the appropriate device(s) and instrument(s) for each individual patient.

T.A.G. Medical Products is the manufacturer of the hip arthroscopic instrumentation and Biomet Sports Medicine is the distributor.

Biomet Sports Medicine is the manufacturer of the Juggernaut Soft Anchor and instrumentation.



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