

Hip Arthroscopy

All Inclusive Brochure



Zimmer 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 Zimmer 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.



Access the Joint

Hip Access

- Includes the essentials for arthroscopically accessing the joint space
- Options available depending on capsule blade preferences or pricing considerations
- One piece capsule blade design may reduce risk of blade inadvertently falling off in the joint space



Portal Management Instrumentation

HydroDam™ Cannula System

- Dual Seal Design: Facilitates smooth implant or instrument passage with minimal leakage
- Translucent body allows for easy visualization of instrumentation and suture
- Turn-key design for out-flow of fluid
- Multiple sizes and lengths for hip and shoulder
- Latex free
- Obturator system is reusable, modular, and cannulated

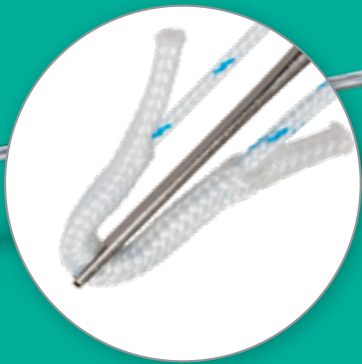


**JuggerKnot Soft Anchor
Implants & Instrumentation**



Centering Sleeve Instrumentation





JuggerKnot Long Soft Anchor

- With #1 or #2 MaxBraid™ Suture



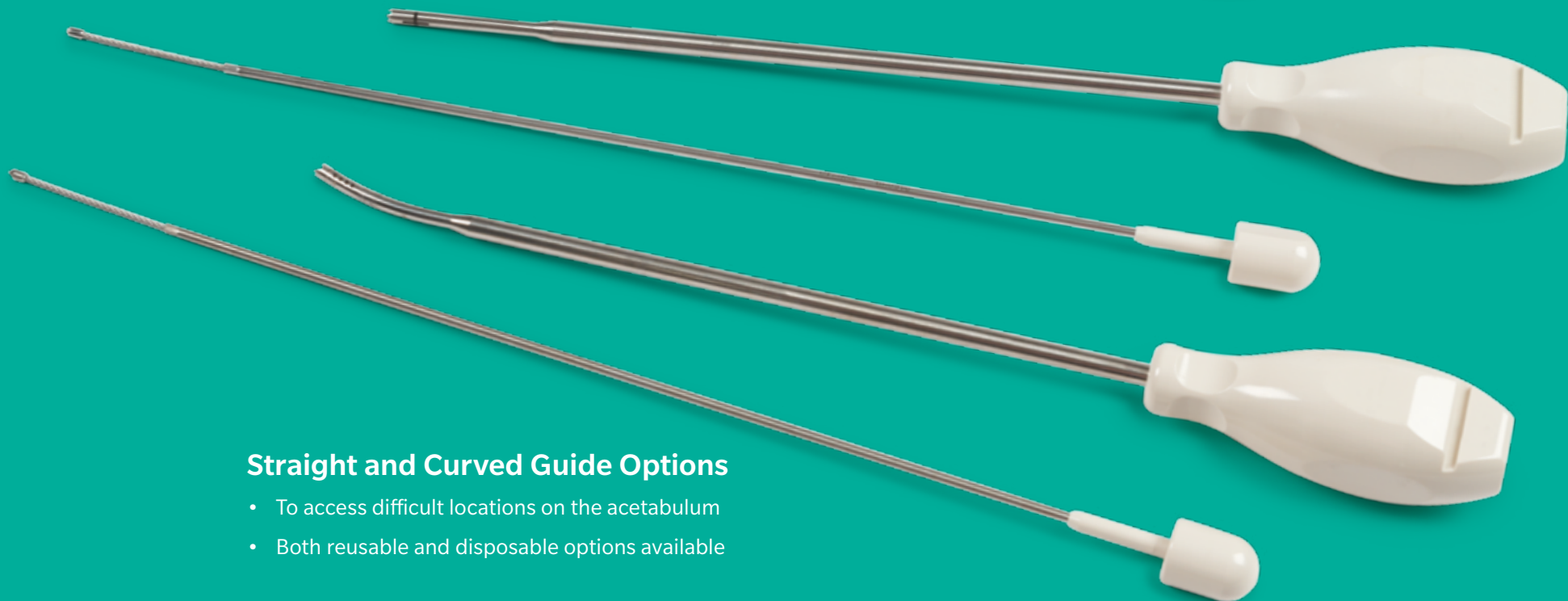
Flexible Drill Bit

1.45 mm drill size

- Designed to reduce bone removal compared to larger anchors



Rigid Drill Bit
(Large Shank)



Straight and Curved Guide Options

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

SureLock® All-Suture Anchor System

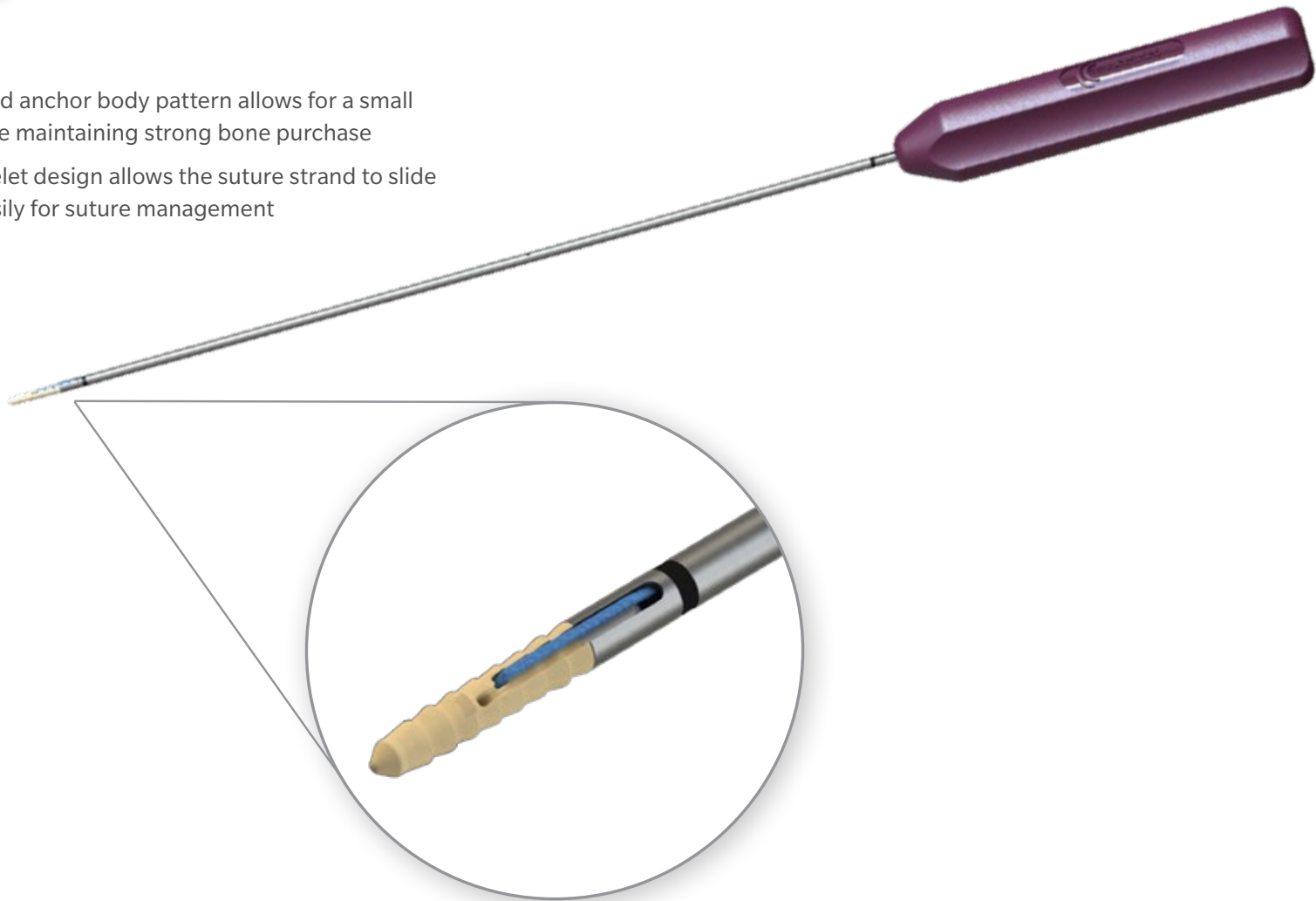


SureLock 1.4mm All-Suture Anchor

- Inserter-Controlled Deployment Method
 - Provides consistent anchor delivery beneath the cortex

Quattro® GL Suture Anchor

- Unique barbed anchor body pattern allows for a small footprint while maintaining strong bone purchase
- Individual eyelet design allows the suture strand to slide freely and easily for suture management



Quattro GL 2.9mm Suture Anchor

- PEEK-OPTIMA® Push-in Anchor is single-loaded with #2 Suture

Suture Management Instrumentation

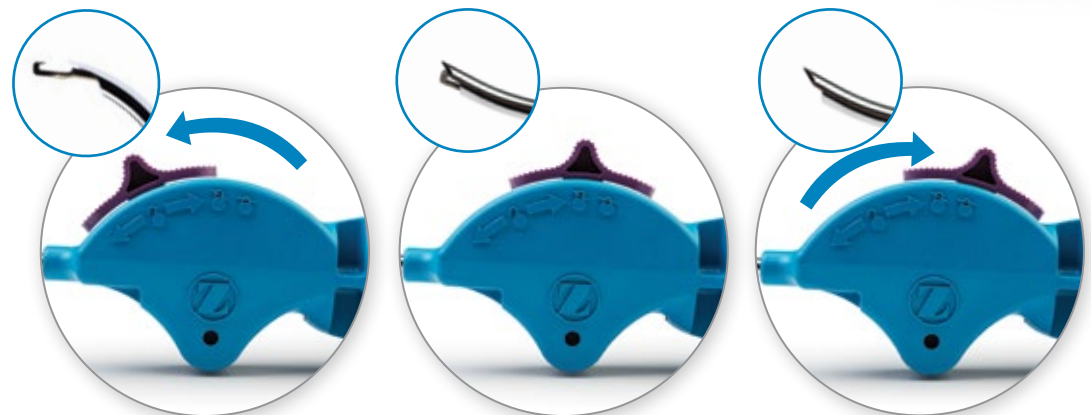
Minimally Invasive compared to bird beak instrumentation



30° Up Reverse

SpeedSnare™ Suture Passer System

- The first system designed with “suture locked” and “suture sliding” positions
- Pass and retrieve in one step (accepts suture and suture tape)
- Audible and tactile feedback for confidence in snare positions
- SpeedSnare Suture Passing Devices are designed with the sharp tip of the shaft on the inside of the curve. The orientation of the sharp tip and the suture grasper allows for easier suture grasping.
- SpeedSnare Reverse Suture Passing Devices are designed with the sharp tip of the shaft on the outside of the curve, facilitating easier tissue penetration.



Suture Retrieval

Suture Sliding

Suture Locking

Dragon Tongue Suture Passing Device for Capsular Closure

Extended Delivery

- Adjustable slide delivers 30 mm of suture, creating an easily graspable suture loop.
- Designed for single portal capsular repair and is not dependent on angle of approach.

Range of Reach

- Easily capture the delivered suture loop in near and far positions with both grasping capabilities.
- Nitinol grasper can open and close along its 17 mm of extension beyond the needle shaft.

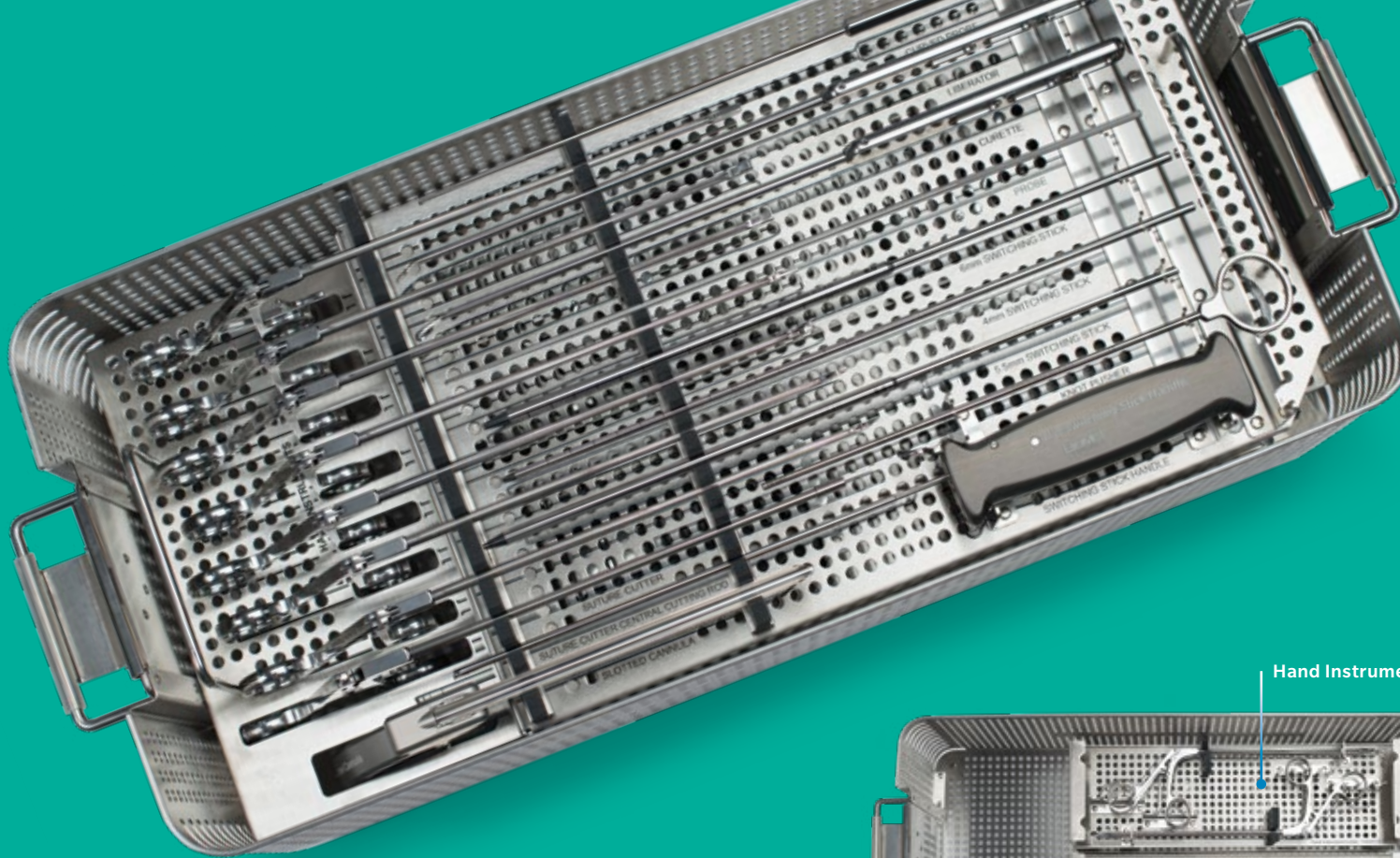


Capture with Precision

- The active grasping design assists with accuracy in suture grasping.
- The PEEK tubing extends over the nitinol grasper to close the nitinol over the suture for active grasping.

Variable Angles

- Nitinol grasper advances out of the needle shaft at 60° and continues to extend further to a 70° bend.

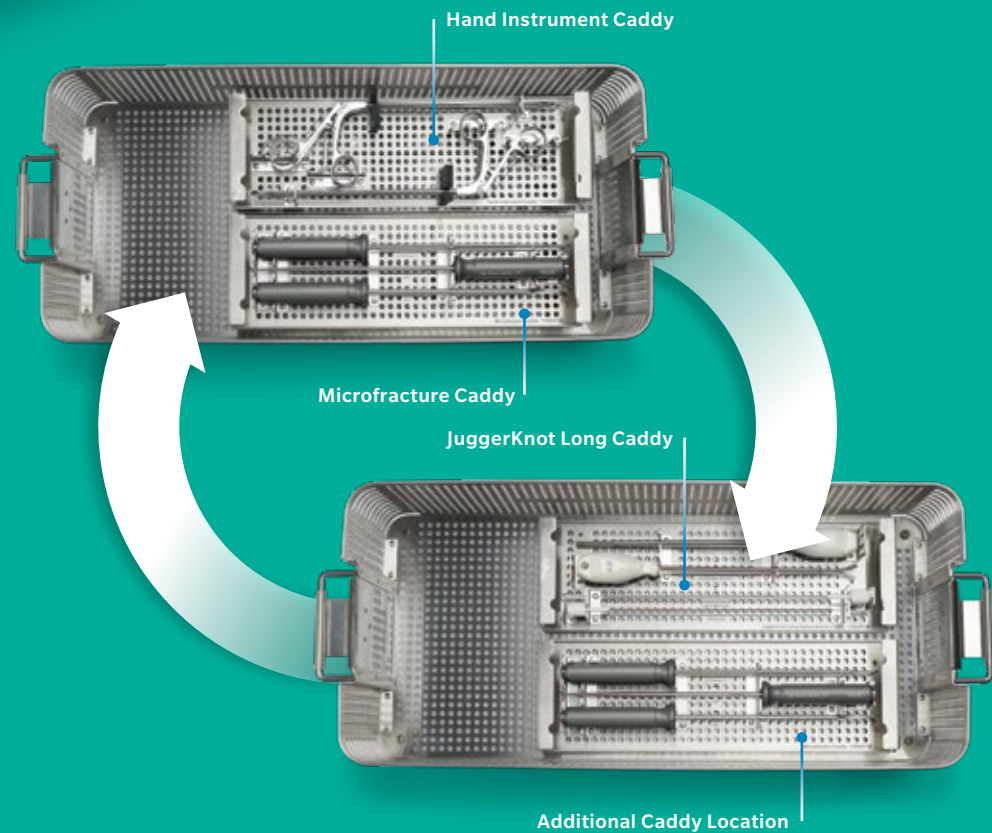


Zimmer Biomet Sports Medicine Hip Arthroscopy Instrumentation

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





Slotted Cannula

- Ergonomically designed for comfort and ease of use

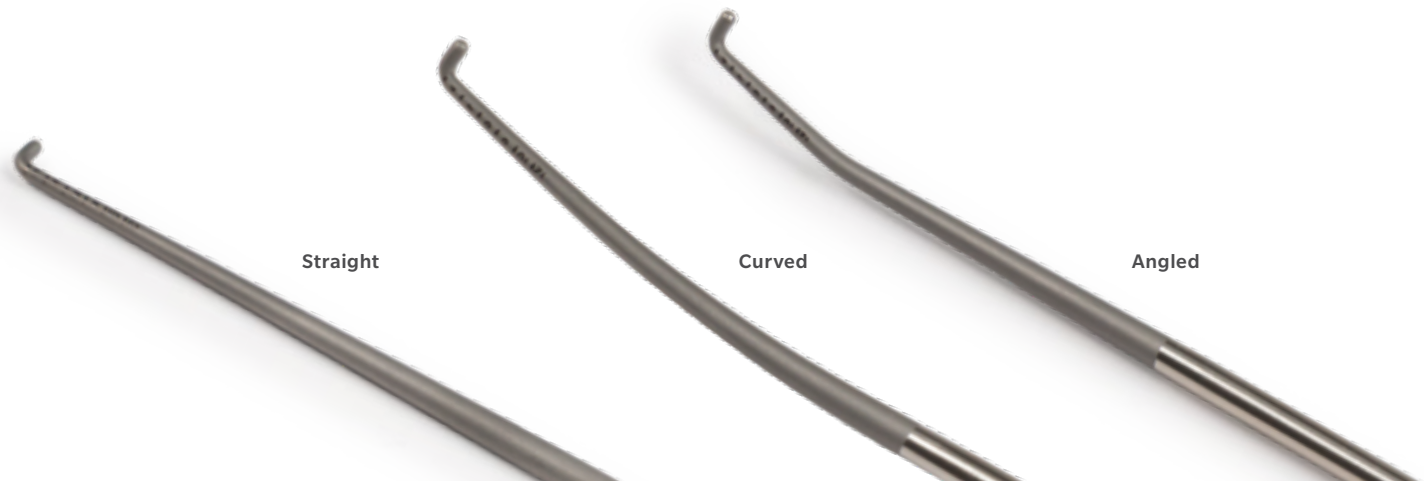
Switching Sticks

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



Probes

- Three shape options for portal and anatomy flexibility



Soft Tissue Management Instrumentation



Biters

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



Liberator

- Size and shape designed for hip arthroscopy applications



Graspers

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

Rasp

- Excellent for shaping bone resections



Suture Management Instrumentation

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

Manipulator/Grasper

- Hold and manipulate sutures



Grasper

Cutter

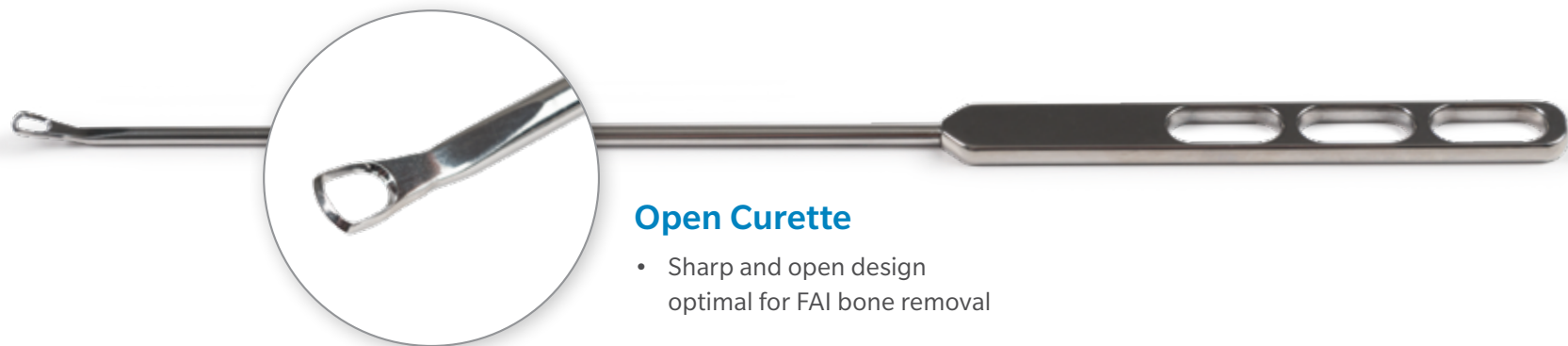
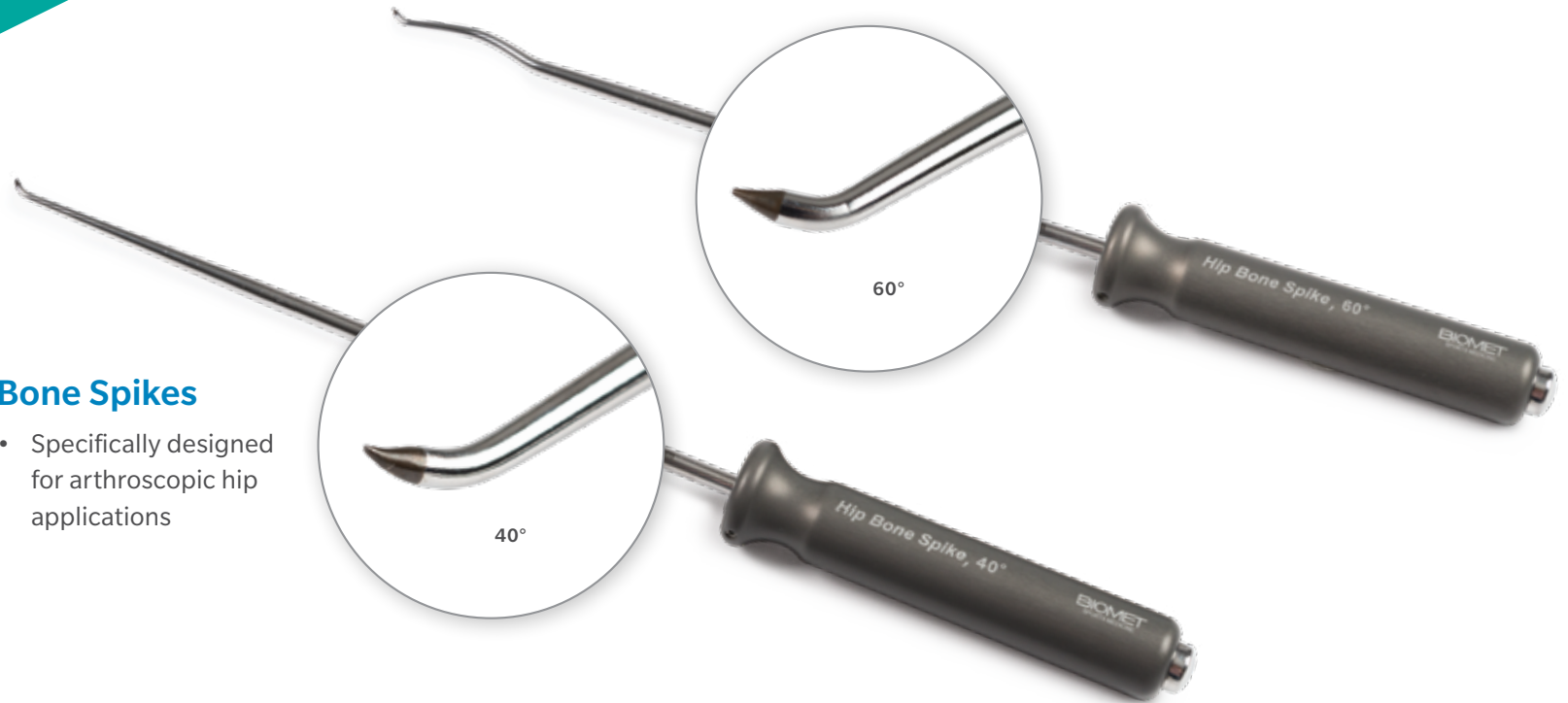
- Easily disassembled for efficient cleaning



Cartilage Management Instrumentation

Bone Spikes

- Specifically designed for arthroscopic hip applications



Open Curette

- Sharp and open design optimal for FAI bone removal

Ordering Information

Access the Joint

Part Number	Description
640410BSM	Hip Access Kit (2 Access Needles & 2 Nitinol Guide Wires)
640420BSM	Hip Access Kit with Curved Blade, Blunt Tip
640430BSM	Hip Access Kit with Straight One Sided Blade, Blunt Tip
640431BSM	Hip Access Kit with Curved Blade, Sharp Tip
641410BSM	Hip Access System (2 Access Needles, 2 Nitinol Guide Wires, 30 CC Syringe, & Marking Pen & Ruler)
641420BSM	Hip Access System with Curved Blade, Blunt Tip
641430BSM	Hip Access System with Straight One Sided Blade, Blunt Tip
641431BSM	Hip Access System with Curved Blade, Sharp Tip
169420BSM	Curved Blade, Blunt Tip
169430BSM	Straight One Sided Blade, Blunt Tip
169431BSM	Curved Blade, Sharp Tip

Portal Management Instrumentation

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
110019086	HydroDam Rigid Cannula 8.5 x 115 mm Single pk
110019090	HydroDam Rigid Cannula 8.5 x 100 mm Single pk
110030950	HydroDam Rigid Cannula 8.5 x 130 mm Single pk

Ordering Information (cont.)

JuggerKnot Long Soft Anchor 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

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

SureLock All-Suture Anchor

Part Number	Description
CM9614F	SureLock 1.4mm Flex Anchor

SureLock All-Suture Disposables

Part Number	Description
CM9640	SureLock 1.4mm Drill
CM9640S	SureLock 1.4mm AS Drill w/ Centering Sleeve

SureLock All-Suture Instruments

Part Number	Description
CM9641	SureLock 1.4mm Obturator
CM9643	SureLock 1.4mm Straight Drill Guide
CM9645	SureLock 1.4mm Curved 25D Drill Guide

Quattro GL 2.9mm Suture Anchors

Part Number	Description
CM9329	Quattro 2.9mm GL Anchor

Quattro GL Disposables

Part Number	Description
CM9300ST	Quattro Spade Drill
CM9324ST	Quattro Fluted Hard Bone Drill

Quattro GL Instruments

Part Number	Description
CM9301	Quattro 2.9mm Drill Guide
CM9302	Quattro 2.9mm Obturator Blunt

Ordering Information (cont.)

Suture Management Instrumentation

Part Number	Description
110030129	SpeedSnare Suture Passer 30° Up
110030130	SpeedSnare Suture Passer 60° Up
110030131	SpeedSnare Suture Passer 30° Right
110030132	SpeedSnare Suture Passer 30° Left
110030133	SpeedSnare Suture Passer Straight
110030140	SpeedSnare Suture Passer 30° Up Reverse
110030141	SpeedSnare Suture Passer 60° Up Reverse
110038984	Dragon Tongue Suture Passer
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

Soft Tissue Management Instrumentation

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

Cartilage Management Instrumentation

Part Number	Description
904441BSM	Hip Curette Bent 20°
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

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 FOR USE

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
Pectoralis major repair

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
MPFL repair or reconstruction
Quadriceps tendon repair

Hip

Acetabular labral repair
Proximal hamstring 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.

SureLock® 1.4mm All-Suture

INDICATIONS FOR USE

Anchor Intended Use in the United States

The SureLock All-Suture Anchors are intended to be used for the reattachment of soft tissue to bone for acetabular labral repair.

CONTRAINDICATIONS

1. Surgical procedures other than those listed in the INDICATIONS section.
2. Presence of infection.
3. Patient conditions including insufficient quantity or quality of bone or soft tissue.
4. Insufficient blood supply or previous infection which may hinder the healing process.
5. Foreign body sensitivity. If material sensitivity is suspected, testing should be completed prior to device implantation.
6. The use of this device may not be suitable for patients with immature bone. The physician should carefully assess the device within cartilage epiphyseal growth plates or non-osseous tissue.
7. Conditions which may limit the patient's ability or willingness to follow postoperative care instructions.

Quattro® GL 2.9mm Suture Anchor

INDICATIONS FOR USE

The Quattro GL Suture Anchors are intended to be used for the reattachment of soft tissue to bone for capsular repair and acetabular labrum reattachment

CONTRAINDICATIONS

1. Surgical procedures other than those listed in the INDICATIONS section.
2. Presence of infection.
3. Patient conditions including insufficient or immature bone.
4. Insufficient blood supply or previous infections which may hinder the healing process.
5. Foreign body sensitivity. If material sensitivity is suspected, testing should be completed prior to device implantation.
6. The physician should carefully assess the device within immature bone.
7. The placement of this device should not impact or disrupt the growth plate.
8. Conditions which may limit the patient's ability or willingness to follow postoperative care instructions.

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Not for distribution in France.

T.A.G. Medical Products is the manufacturer of the hip arthroscopic instrumentation, hip access kit, and SpeedSnare. Zimmer Biomet Sports Medicine is the distributor only.

Zimmer Biomet Sports Medicine is the manufacturer of the Hip Instrument Case, HydroDam Cannulas, and JuggerKnot Soft Anchor and instrumentation.


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