

HIP ARTHROSCOPY

Product Guide

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Tissue Preserving Hip Solutions

Recent advances in the knowledge of and treatment of femoroacetabular impingement have led to the development of minimally invasive techniques to restore the biomechanics of the hip and delay or obviate the need for a total hip replacement. Stryker is at the forefront of instrumentation advances that play a critical role in restoring patient's optimal hip biomechanics. Our products focus on innovative and cost-effective approaches to allow patients to return to their active lives.

Stryker's Tissue-Preservation Hip Platform is a comprehensive system of instrumentation and precision devices designed with a unified goal: optimal joint preservation, with minimal complication. Whatever the challenge of your patients' hip issues—from identifying and treating CAM and Pincer impingements to the full range of labral repairs—Stryker products employ the latest technology and collective medical insights to deliver successful outcomes.

HD Visualization

with IDEAL EYES Scopes

See why Stryker is the image leader in high definition imaging with enhanced center to edge resolution scopes with excellent optical performance. Stryker arthroscopes combine the latest rod lens technology for optimal image transmission, excellent detail recognition and durability.

Specifications

- » 165 mm IDEAL EYES Scopes
- » 4 mm Diameter
- » 30- and 70-degree direction of view
- » Eye Piece and C-Mount designs available
- » Intuitive autoclavable Speed-Lock mechanisms (Stryker's patented Speed-Lock technology)





Arthroscopy Access

Stryker's Arthroscopy Access System was designed to help reduce the time and effort necessary to access and treat the hip joint. Capsule penetration, even for anatomically difficult hip joints, is greatly eased by the state-of-the-art obtrocar design. Portal exchange is smooth and seamless when you employ the fully cannulated cutter cannula-and-bridge system. Our new cutter cannulas' smooth tip design mitigates risk of scathing upon insertion. The featured slotted cannula comes in both small and medium size range to facilitate access and manipulation for our full range of angled instrumentation.



Specifications

- » 4 mm, 5 mm, and 5.5 mm cannula sizes
- » Screw-in design for threaded cutters and burs
- » J-Lock for Scope Bridge (SNN has J-Lock on both ends, which makes it harder to rotate without coming undone)
- » Obturator, Obtrocar and Trocar insertion devices
- » Bridge system: Single and Dual, Rotating and Fixed stopcocks





Aggressive Plus Cutter



Tomcat Cutter



Resector Cutter



8 Flute Pear Bur



8 Flute Round Bur



8 Flute Barrel Bur

Formula XL Blades

Stryker introduces a full line up of Formula shaver blades and burs for use in hip arthroscopy. All styles have been modified with a stainless-steel cutter-tube design for higher durability, more aggressive resection and decreased chance of clogging.* Our angled hip blades are redesigned with the proprietary cylindrical laser-cut design which supplies more efficient resection, stronger torque transmission and less clogging.* The newly designed 8-fluted burs feature a recessed hood design that provides improved distal end access while also protecting the labrum.

Specifications

- » 180 mm working length
- » New 5.0 mm cutter and 5.5 mm bur styles available



**Proprietary "puzzle piece"
Laser Cut Design
shaver inner-housing**

SERFAS Energy XL Probes

Stryker SERFAS Energy probes are 180 mm length, allowing for the full range of resection challenges. Stryker probes have excellent rigidity and balance for hip-joint leverage to ablate and manipulate tissue. The SERFAS Energy system offers a large range of procedural-specific probes: from precision cutting for a hip capsulotomy with the hook probe, to access around the femoral head with our 50-S. Our most universal tip design, the 90-S, is there for all consistent ablation and suction requirements.



Specifications

- » 180 mm working length
- » 90-S, 50-S and Hook probe

FLEX

The TwinLoop FLEX instrumentation system is designed to provide easy access along the acetabular rim during arthroscopic FAI procedures, allowing for secure anatomic repair. The incremental barbs and 2.9 mm overall size of these anchors make them exceptional tools for Pincer procedures.

The three different drill guides give you added options to more securely position the anchor by letting you place anchors as close to the cartilage surface without violating the articular surface. Drill-guide tips are window-equipped that allow eyelet orientation and depth control. FLEX instrumentation is designed for re-use with quality results.

Specifications

- » Standard and reverse-mouth drill guides with 12- or 25-degree curved or straight tips
- » Window on drill-guide tips allow for easy laser-line viewing
- » Flexible bullet-tip and trocar-tip obturators (can be used with all drill guides)
- » PEEK TwinLoop anchor has #2 Force Fiber high-strength suture threaded through its body
- » TwinLoop wedge design from 2.4 mm to 2.9 mm for optimized fixation

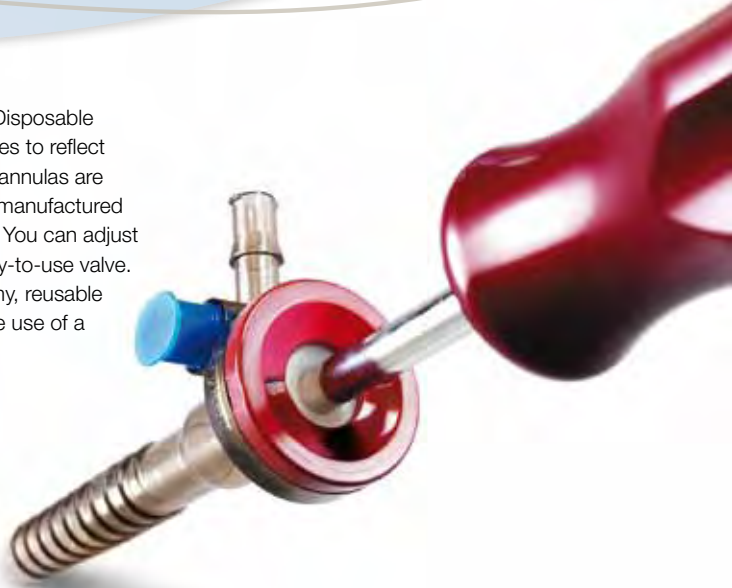


Disposable Cannulas

Stryker offers a variety of Dri-Lok Disposable Cannulas in multiple styles and sizes to reflect the range of surgical needs. The cannulas are triple-sealed to prevent leaks and manufactured with shatter-resistant clear plastic. You can adjust the inflow and outflow with an easy-to-use valve. For your convenience and economy, reusable cannulated obturators allow for the use of a switching stick.

Specifications

- » Threaded, non-threaded and Distal Thread designs
- » Color-coded for size (5 mm, 6.5 mm and 8 mm)



Stryker Hip Arthroscopy Instruments

Stryker's Hip Arthroscopy Instruments are a comprehensive kit of precision tools. From joint access, tissue resection, grasping, microfracture and suture-management the instruments are unified by their top-of-the-line quality and innovative design. The angled designs of our tools optimize joint access and allow curvature around the femoral head for pinpoint control.

All Stryker Hip Arthroscopy Instruments display design consciousness. The tips and handles are unique to each range of instruments addressing the intended goal for every tool. Tissue graspers feature a slightly open jaw for removal of loose bodies and the soft angle of our curette is designed to access even the tightest recesses of the joint, removing approximately 3 mm of cartilage to assist in preparation of the microfracture or repair site. Choice and variety of tools give surgeons the full range of options, all hand instruments have 190 mm working length that come in straight, up, left and right angles.





Specifications:

- » All hand instruments have 190 mm working length
- » Straight and Angled probe options with handle that provides both comfort and utility
- » 15-degree up and straight biters
- » Curette, liberator, and rasp with featured 3-hole handle design
- » Graspers are angled 20 degrees right and left, as well as smaller straight tip design
- » Additional tools include suture passers, tissue liberators, knot pushers, cannulas, cannulated switching sticks and hip blades

Cannulated Switching Stick

Hip Biter

Grasper, Left

Grasper, Straight

Suture Passer, Right

Suture Passer, Straight

Suture Grasper

Suture Cutter

Rasp

Tissue Liberator

Curette

Probe

Stryker Instruments: A Single-Source Solution

We have greatly benefited from our collaborations with surgeons and medical professionals in our efforts to provide an inclusive and integrated toolset that addresses the full range of treatment options and arthroscopic approaches that are minimally invasive for ultimate patient advantage.

The tools reflect the continuum of treatment approaches and options, accommodating the highest standards of contemporary design and cost-effectiveness. We look forward to continuing our relationship with you, and collaborating on visionary products that may lead to medical breakthroughs in the future.



Joint Replacements

Trauma, Extremities & Deformities

Craniomaxillofacial

Spine

Biologics

Surgical Products

Neuro & ENT

Interventional Spine

Navigation

Endoscopy

Communications

Patient Care & Handling Equipment

EMS Equipment

Stryker Endoscopy
5900 Optical Court
San Jose, CA 95138
t: 1 800 624 4422

www.stryker.com

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