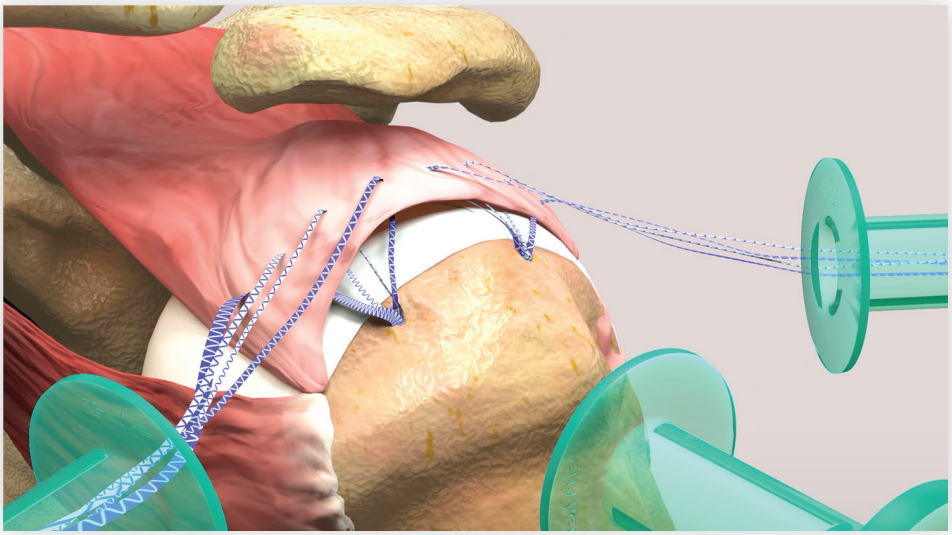
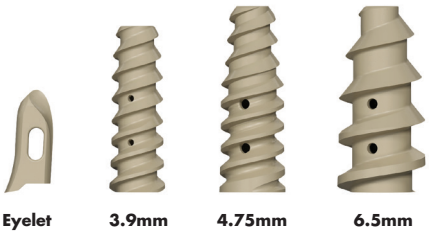
stryker

Rotator Cuff Repair



Surgical procedure

The Stryker Rotator Cuff platform features comprehensive solutions for arthroscopic and open rotator cuff repair. The implants and instrumentation are designed to offer unique solutions to address the complexities of both single and double row repair. The platform was designed to save the surgeon time and offer cost efficiencies by minimizing disposables.



Omega Knotless Anchor System

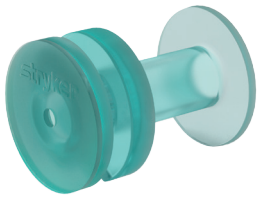
All-PEEK self-punching knotless anchor with screw-in fixation. The proprietary eyelet is designed to reposition during suture tensioning and customize its final position based on bone quality. With a decoupled eyelet-screw construct, the platform is designed to offer unobstructed complete cannulation and the ease of sizing up in poor bone.

ICONIX SPEED

Self-punching all-suture anchor that is designed to eliminate the need to drill in rotator cuff surgery. SPEED offers an additional 4 suture configurations to the ICONIX all-suture platform for a total of 14 different suture and tape configurations.

Cobra

The industry's first reusable suture passer that does not require a disposable nitinol needle. Featuring a rigid stainless steel needle, Cobra is designed to prevent needle skiving, misfires, and needle breakage.



GateWay Silicone Cannula

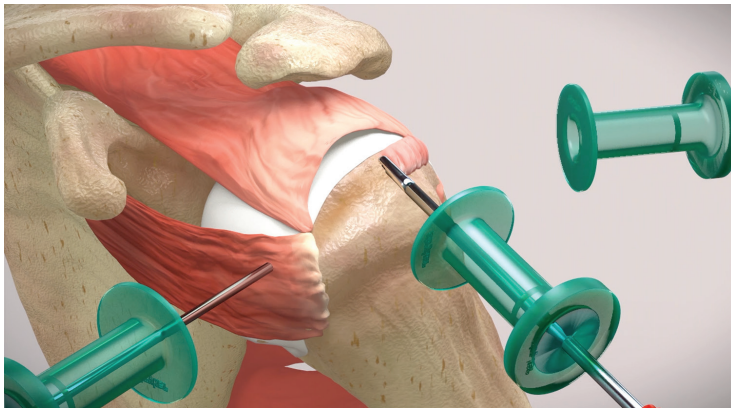
A flexible silicone cannula available in multiple diameters and lengths that is designed for easy insertion and improved function[1]. The increased stiffness of the distal flange is designed to prevent unintentional removal[2].

CrossFlow Pump & CrossFire 2 Resection

The consoles fully integrate which allows for optimized suction rates for each disposable. This completely customizable platform offers programmable surgeon profiles and an all-in-one foot pedal.

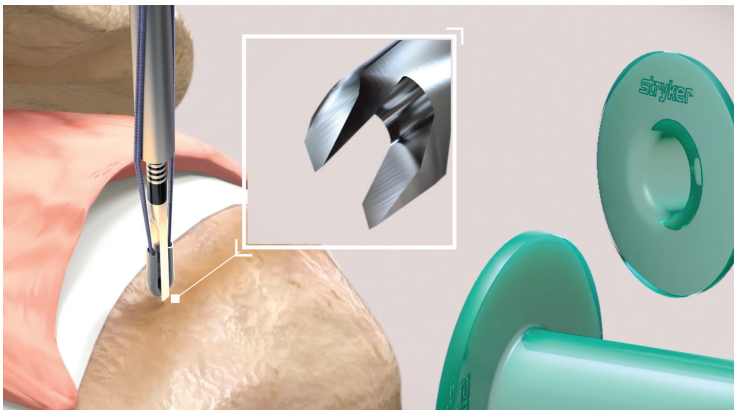
Rotator Cuff Repair
Surgical procedure

The rotator cuff footprint is prepared using the CrossBlade Dual Edge Shaver, taking care not to completely decorticate bone.

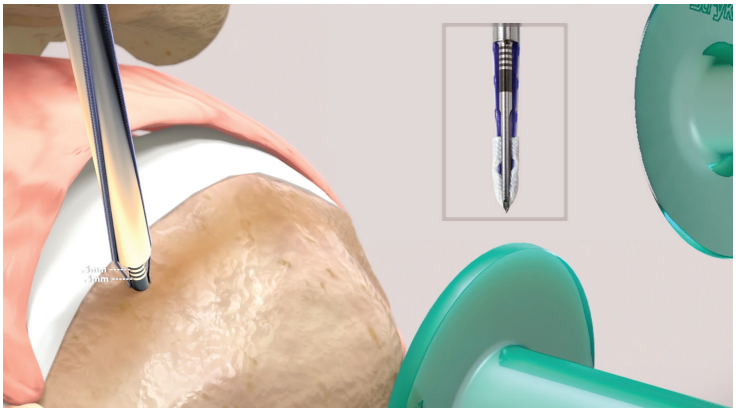


Through a percutaneous incision, align the ICONIX SPEED Inserter perpendicular to the bone. This procedure demonstrates the use of SPEED loaded with 1.2mm and 2.0mm XBraid TT.

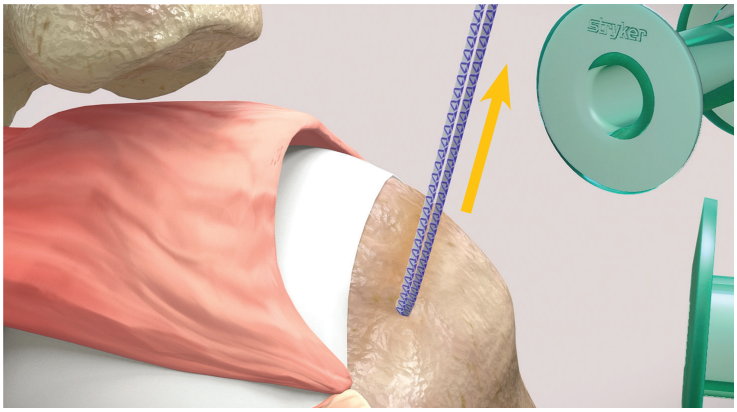
Surgical pearl: Orienting the tips medial to lateral is best practice to protect the inserter tips during malleting in the instance of minor off-axis insertion.



Mallet the SPEED Inserter handle to the appropriate insertion depth. The minimum insertion depth is indicated by the most distal portion of the solid black laser line. Subsequent laser lines are provided for reference.

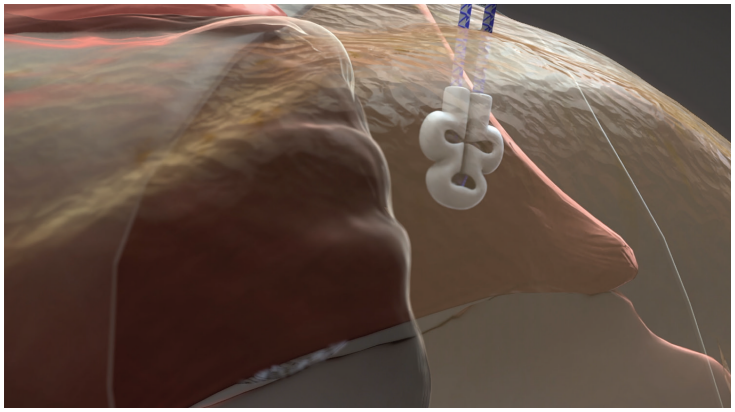


Release the sutures from all three suture cleats and pull back on the SPEED Inserter handle to remove. To set the anchor, slowly pull all suture limbs simultaneously.

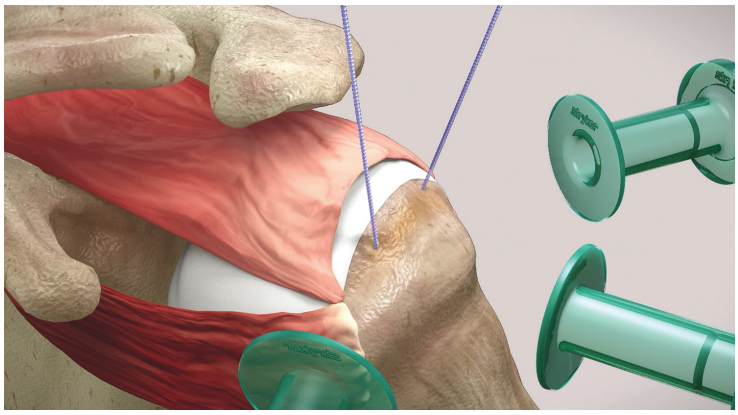


Rotator Cuff Repair
Surgical procedure

The ICONIX All Suture Anchor System features a proprietary IntelliBraid technology. Upon deployment, the implant sheath creates a bunching effect using targeted compression zones within the implant sheath for optimal fixation.

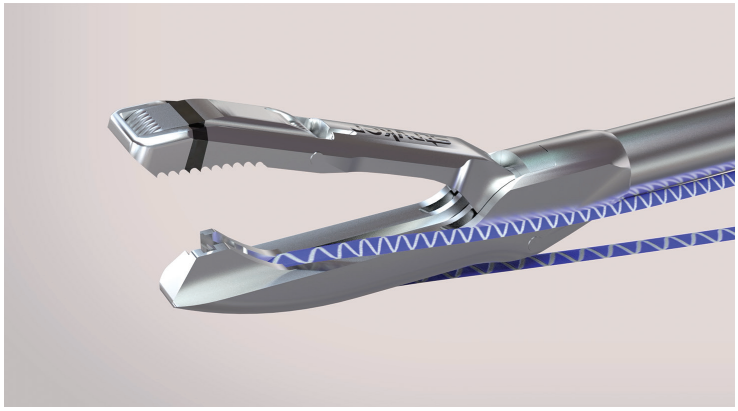


Repeat with a second SPEED implant and then prepare the lateral tuberosity with Stryker's 90-S Cruise ablator.

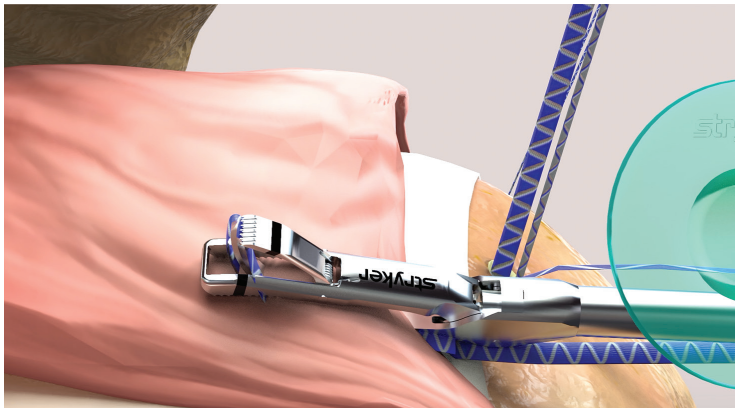


Through the lateral portal, retrieve and load one strand of the 2.0mm XBraid TT from the medial anchor into the Cobra reusable suture passer.

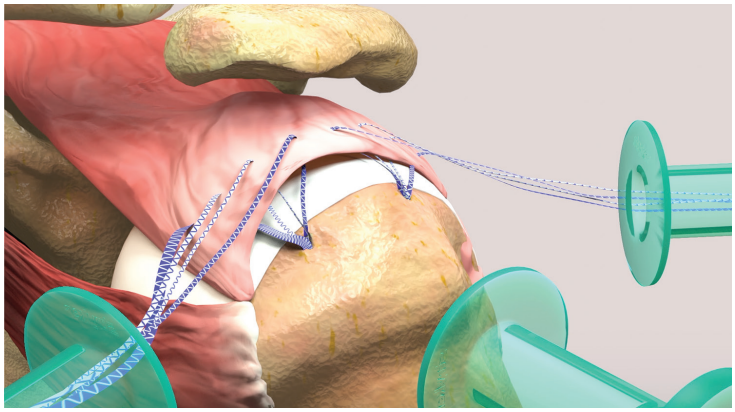
Note: Cobra is a reusable suture passer with a stainless steel needle and does not require a disposable nitinol needle.



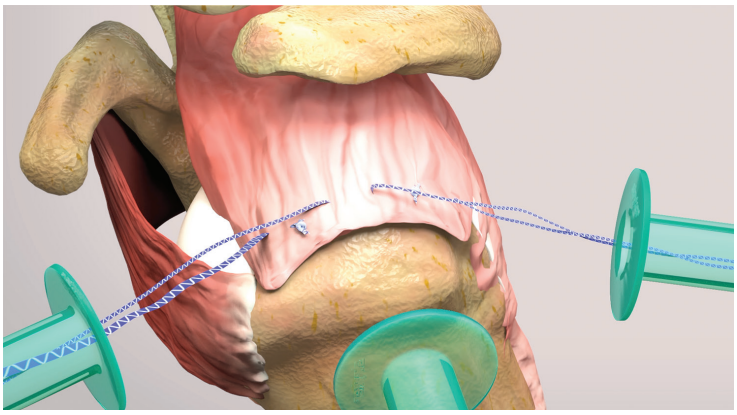
Pass the suture through the tendon taking care not to overload the jaw with tissue against the lateral aspect of the cuff. The laser line on the Cobra indicates the approximate location the needle will fire.



Repeat with the 1.2mm XBraid TT and continue passing the remaining six tails of XBraid TT through the tendon.

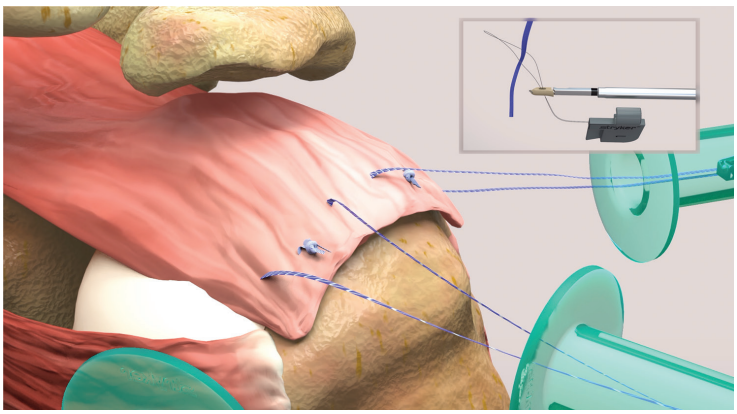


Through the lateral portal, retrieve and tie down the 1.2mm XBraid TT for additional medial row fixation.

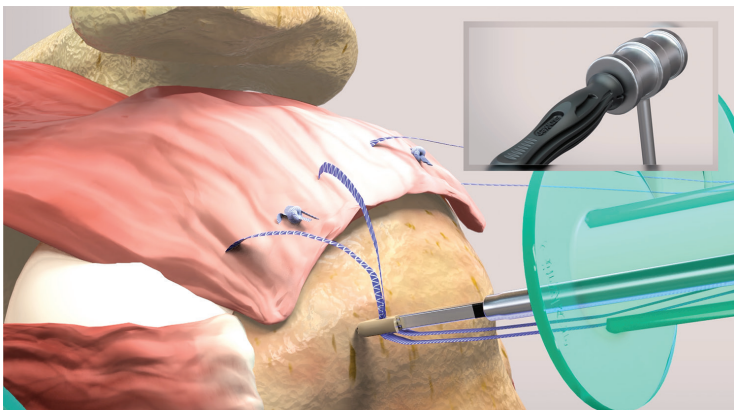


Retrieve the 2.0mm XBraid TT from the anterior anchor through the lateral portal and load them into the eyelet of the Omega Knotless Anchor using the pull tab.

Note: Up to eight tails of #2 Force Fiber can be loaded through the eyelet.

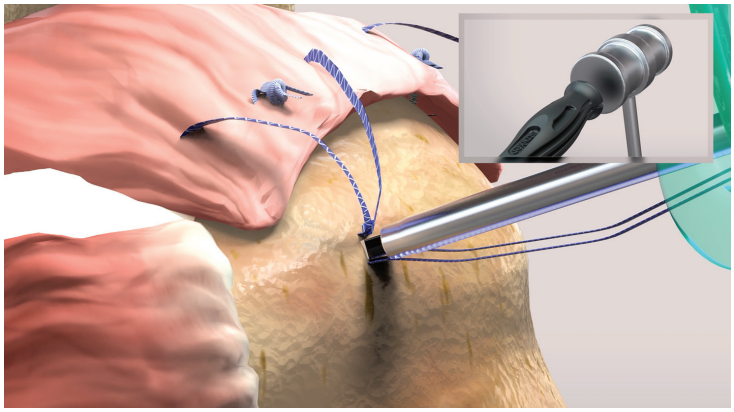


The Omega Knotless Anchor features a self-punching all-PEEK eyelet. However, if the surgeon determines that a pilot hole is necessary, instrumentation is available.

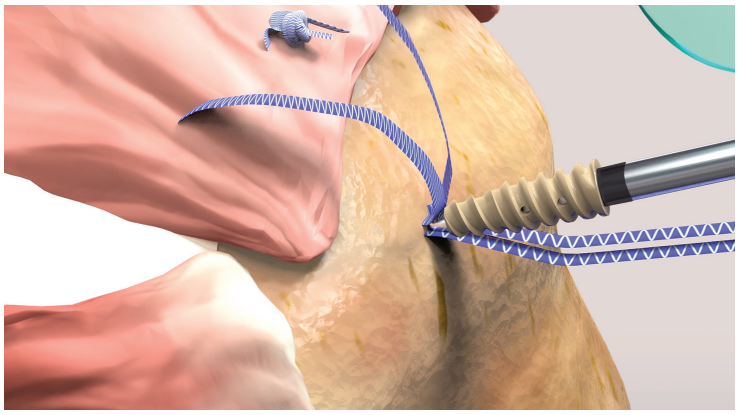


Mallet the proximal end of the eyelet inserter until the distal end of the laser line is flush with the bone.

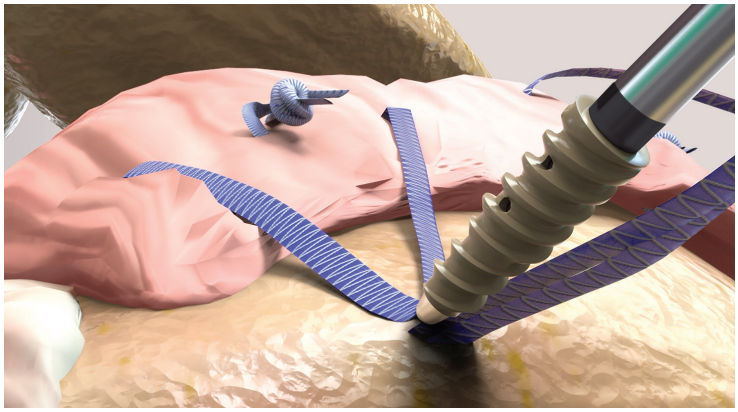
Note: Setting the suture tension is not necessary at this step. Pull straight back to remove inserter handle.



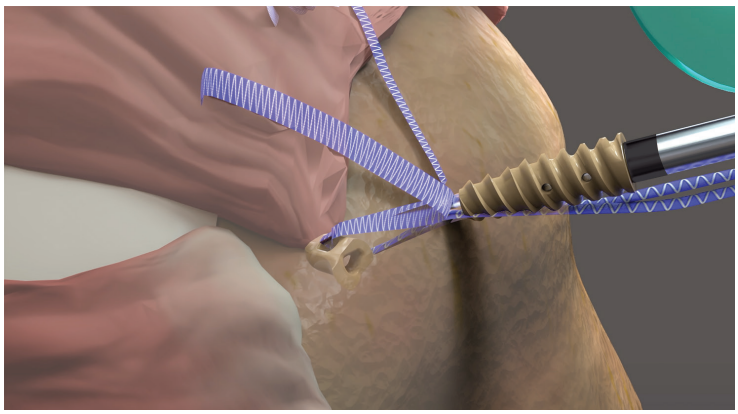
Place the tapered tip of the 4.75mm Omega Screw over the pilot hole which can easily be located by following your suture path to the aperture of the hole.



While maintaining slight downward pressure on the screwdriver handle, pull desired tension on the suture limbs one at a time and place in the cleats if desired.

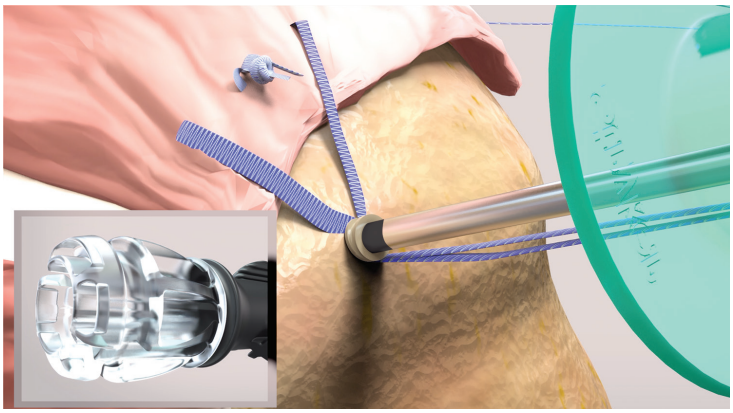


The proprietary eyelet is designed to engage and find secure positioning in the bone during tensioning. Depending on the density or quality of the bone, you may feel the eyelet reposition under the cortical layer of the bone while tensioning.

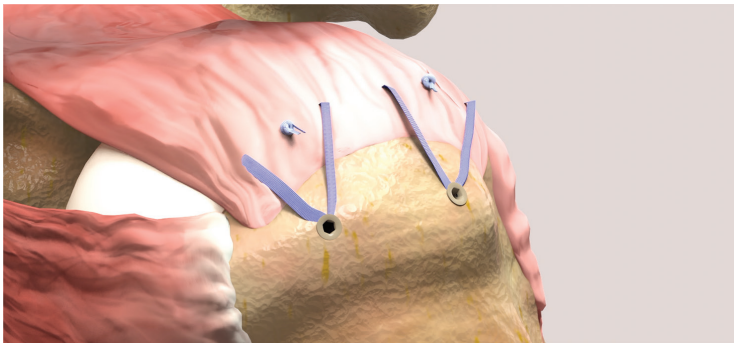


Once the desired tension has been achieved, insert the screw by holding the black handle of the screwdriver and simultaneously turning the proximal translucent knob clockwise until flush. Do not countersink the Omega screw.

Note: The laserline is 2mm thick to provide a reference if periosteal tissue is thick.



Repeat with a second Omega anchor and cut the tails flush with the Big Dog Suture Cutter.



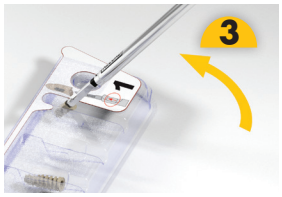
Omega Double Double guide for reloading implant blister pack

It is best practice to load the implants with the reload blister pack flat on a table or mayo stand.

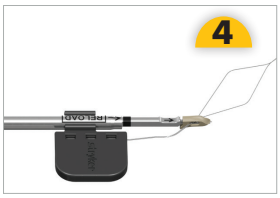
Orient the eyelet inserter handle so that RELOAD is facing up and the arrow is pointed toward the eyelet. The inserter will be slightly angled, as pictured, for ease of insertion.

Insert the tip of the eyelet inserter into the eyelet and press to engage the eyelet with moderate pressure. A slight click may be felt at this time.

For reference, the proximal edge of the laser line will be flush with the edge of the reload blister pack.



Pivot the inserter handle upwards to disengage and remove the eyelet and handle from the reload blister pack.



Reinsert the pull tab kite through the center of the eyelet and attach to the shaft.

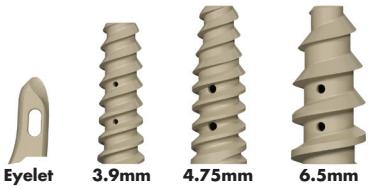
Insert the screwdriver into the screw until flush with the laser line and remove from the reload blister pack by pivoting the handle up similar to the eyelet.

Note: Orientation of the screwdriver is not relevant for reloading. Once loaded, ensure the screw is fully seated on the screwdriver.

Note: The eyelet, if properly loaded, should be seated on the inserter with the sharp tip of the inserter extending out of the tip of the eyelet and a small gap between the proximal edge of the eyelet and the inserter shaft.

Note: The screw, if properly loaded, should sit flush with the laser line.

Omega Knotless Anchor System



Implants

Reference number	Description
3910-500-391	Omega, 3.9mm PEEK Knotless Anchor System, Single
3910-500-392	Omega, 3.9mm PEEK Knotless Anchor System, Double-Double
3910-500-471	Omega, 4.75mm PEEK Knotless Anchor System, Single
3910-500-472	Omega, 4.75mm PEEK Knotless Anchor System, Double-Double
3910-500-652	Omega, 6.5mm PEEK Knotless Anchor + Eyelet

Instrumentation

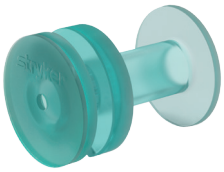
Reference number	Description
3910-500-393	Omega, 3.9mm Drill (2.85mm diameter, 23mm depth)
3910-500-394	Omega, 3.9mm Tap (15mm depth)
3910-500-395	Omega, 3.9mm Awl (20mm depth)
3910-500-473	Omega, 4.75mm Drill (3.4mm diameter, 23mm depth)
3910-500-474	Omega, 4.75mm Tap (18mm depth)
3910-500-475	Omega 4.75mm Awl (20mm depth)
234-020-158	Multi Purpose T-Handle
234-020-117	Ratcheting Driver Handle

Cobra Reusable Suture Passer

Reference number	Description
3910-900-097	Self-Capture Cobra
3910-900-096	Hook & Ratchet Cobra

*Please contact your sales professional for assistance with Cobra ordering.

GateWay Silicone Cannula



Reference number	Description
3910-080-020	8mm x 20mm
3910-080-030	8mm x 30mm
3910-080-040	8mm x 40mm
3910-080-050	8mm x 50mm
3910-012-030	12mm x 30mm
3910-012-040	12mm x 40mm

Champion Slingshot

Reference number	Description
CAT02854	Champion SlingShot 45 Degree Left
CAT02855	Champion SlingShot 45 Degree Right
CAT02854	Champion SlingShot 70 Degree up

ICONIX All Suture Anchor Platform

Implants

Reference number	Description
ICONIX SPEED	
3910-500-921	ICONIX SPEED with 1 Strand 1.2mm & 1 Strand 2.0mm XBraid TT
3910-500-931	ICONIX SPEED Triple Loaded 1.2mm XBraid TT
3910-500-920	ICONIX SPEED Double Loaded 2.0mm XBraid TT
3910-500-922	ICONIX SPEED Double Loaded #2 Force Fiber
ICONIX	
3910-500-512	ICONIX, 1.4mm Anchor with 1 Strand #2 Force Fiber
3910-500-522	ICONIX 2, 2.3mm Anchor with 2 Strands #2 Force Fiber
3910-500-525	ICONIX 25, 2.3mm Anchor with 2 Strands #5 Force Fiber
3910-500-532	ICONIX 3, 2.3mm Anchor with 3 Strands #2 Force Fiber
ICONIX TT	
3910-500-312	ICONIX 1 TT, 1.4mm Anchor with 1.2mm XBraid TT
3910-500-322	ICONIX 2 TT, 1.4mm Anchor with 2.0mm XBraid TT
ICONIX Needles	
3910-500-212	ICONIX 1 Needles, 1.4mm Anchor with 1.4mm XBraid TT (Taper Cutting Needle Radius .345″)
3910-500-412	ICONIX 1 Needles, 1.4mm Anchor with Strand #2 Force Fiber (Taper Cutting Needle Radius .345″)
3910-500-222	ICONIX 2 Needles, 2.3mm Anchor with 2.3mm XBraid TT (Drill depth 20mm Taper Needle Radius .345″)
3910-500-422	ICONIX 2 Needles, 2.3mm Anchor with 2 Strands #2 Force Fiber (Drill depth 20mm Taper Cutting Needle Radius .345″)

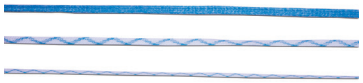
Instrumentation

Reference number	Description
3910-500-212	ICONIX 1.4mm Disposable Drill (20mm depth)
3910-500-571	ICONIX 1.4mm Reusable Drill (20mm depth)
3910-500-553	ICONIX 12 Degree Guide for 1.4mm Anchor
3910-500-556	ICONIX 12 Degree Guide for 2.3mm Anchor
3910-500-569	ICONIX 2.3mm Disposable Drill (20mm depth)
3910-500-574	ICONIX 2.3mm Reusable Awl (for use with short guide)
3910-500-573	ICONIX 2.3mm Reusable Drill (20mm depth)
3910-500-554	ICONIX 25 Degree Guide for 1.4mm Anchor
3910-500-557	ICONIX 25 Degree Guide for 2.3mm Anchor
3910-500-562	ICONIX Pencil Tip Obturator for 1.4mm Anchor (for use with short guide)
3910-500-563	ICONIX Pencil Tip Obturator for 2.3mm Anchor (for use with short guide)
3910-500-558	ICONIX Slant 12 Degree Guide for 1.4mm Anchor
3910-500-560	ICONIX Slant 12 Degree Guide for 2.3mm Anchor
3910-500-559	ICONIX Slant 25 Degree Guide for 1.4mm Anchor
3910-500-561	ICONIX Slant 25 Degree Guide for 2.3mm Anchor
3910-500-552	ICONIX Straight Guide for 1.4mm Anchor
3910-500-555	ICONIX Straight Guide for 2.3mm Anchor
3910-500-550	ICONIX Straight Guide Short for 1.4mm Anchor
3910-500-551	ICONIX Straight Guide Short for 2.3mm Anchor
3910-500-564	ICONIX Trocar Tip Obturator for 1.4mm Anchor (for use with long guide)
3910-500-565	ICONIX Trocar Tip Obturator for 2.3mm Anchor (for use with long guide)

PEEK Zip Anchor

Reference number	Description
3910-200-035	5.5mm PEEK Zip
3910-200-036	5.5mm PEEK Zip Anchor
3910-200-030	5.5mm PEEK Zip with Needles
3910-200-075	6.5mm PEEK Zip
3910-200-070	6.5mm PEEK Zip with Needles

XBraid TT Surgical Suture Tape



Reference number	Description
3910-900-017	1.2mm XBraid TT, 100% UHMWPE, Blue Co-Braid
3910-900-018	2.0mm XBraid TT, 100% UHMWPE, Blue Co-Braid
3910-900-019	2.0mm XBraid TT, 100% UHMWPE, Violet

Arthroscopy

Reference number	Description
SERFAS	
279-401-200	RF Probe 90-S Cruise
279-351-400	RF Probe 90-S Accelerator

Reference number	Description
Cutters and Bars	
475-331-000	Dual Edge Shaver 3.5mm
475-341-000	Dual Edge Shaver 4.0mm
475-361-000	Dual Edge Shaver 5.5mm
375-532-000	Resector 3.5mm
375-542-000	Resector 4.0mm
375-552-000	Resector 5.0mm
375-562-000	Resector 5.5mm
375-534-000	Aggressive Plus 3.5mm
375-544-000	Aggressive Plus 4.0mm
375-554-000	Aggressive Plus 5.0mm
375-564-000	Aggressive Plus 5.5mm
475-337-000	Aggressive Max 3.5mm
375-941-000	Barrel Bur, 6-Flute 4.0mm
375-951-100	Barrel Bur, 6-Flute 5.0mm
375-961-000	Barrel Bur, 6-Flute 5.5mm
375-941-012	Barrel Bur, 12-Flute 4.0mm
375-951-112	Barrel Bur, 12-Flute 5.0mm
375-951-012	Barrel Bur, 12-Flute 5.5mm

Force Fiber Surgical Suture

Reference number	Description
3910-900-022	Force Fiber #2 38" Strand, Blue Co-Braid, 1/2 Circle K-Point
3910-900-024	Force Fiber #2 38" Strand, Blue Co-Braid, 1/2 Circle Taper
3910-900-021	Force Fiber, Size #2, Co-Braid Suture, 38" No Needle
3910-900-020	Force Fiber, Size #2, Co-Braid Suture, with Needle, 38"
3910-900-051	Force Fiber, Size #5, Co-Braid Suture, 38" No Needle
3910-900-050	Force Fiber, Size #5, Co-Braid Suture, with Needle, 38"
CAT1585	Force Fiber Suture, Size 2, White/Green Co-Braid
CAT1586	Force Fiber Suture, Size 2, White/Black Co-Braid
3910-500-107	Knotilus Suture Loop, 25mm

REELX STT Knotless Anchor

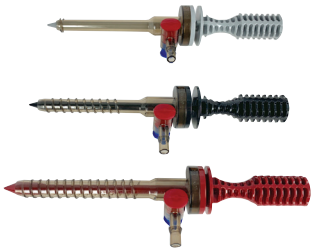
Reference number	Description
3910600060	5.5mm REELX STT Knotless Anchor
3910600062	4.5mm REELX STT Knotless Anchor

Champion Shoulder

Instrumentation

Reference number	Description
234-102-102	Big Dog Flush Suture Cutter
3910-500-729	Crochet Hook
3910-500-724	Cuff Hook Left
3910-500-725	Cuff Hook Right
3910-500-730	Knot Manipulator Full Loop
3910-500-738	Penetrating Grasper 30 Degree
3910-500-739	Penetrating Grasper 45 Degree
3910-500-736	Penetrating Grasper Left
3910-500-735	Penetrating Grasper Right
3910-500-737	Penetrating Grasper Straight
3910-500-732	Rasp Down Bend 20 Degree
3910-500-731	Rasp Up Bend 20 Degree
3910-500-722	Stabilihook Left
3910-500-723	Stabilihook Right
3910-500-742	Suture Cutter 2mm
3910-500-741	Suture Grasper
3910-500-740	Suture Grasper with Ratchet
3910-500-727	Suture Manipulator
3910-500-728	Tissue Grasper with Ratchet
3910-500-734	Tissue Liberator Blade Down
3910-500-733	Tissue Liberator Blade Up
3910-500-743	Champion Tray
3910-500-800	3mm Probe
3910-500-850	5mm Probe
266-723-000	Switching Stick (Large)
266-722-000	Switching Stick (Small)
266-719-000	Wessinger Rod (Small)
266-720-000	Wessinger Rod (Large)
266-724-000	Irrigation Adaptor, SE3
266-721-000	Wissinger Handle, SE3

Dri-Lok Cannula



Reference number	Description
3910-009-502	5.0mm x 90mm Dri-Lok Cannula Distal Thread
3910-009-500	5.0mm x 90mm Dri-Lok Threaded Cannula
3910-009-652	6.5mm x 90mm Dri-Lok Cannula Distal Thread
3910-009-650	6.5mm x 90mm Dri-Lok Threaded Cannula
3910-007-802	8.0mm x 75mm Dri-Lok Cannula Distal Thread
3910-009-802	8.0mm x 90mm Dri-Lok Cannula Distal Thread
3910-009-800	8.0mm x 90mm Dri-Lok Threaded Cannula
3910-007-502	5.0mm x 75mm Dri-Lok Cannula Distal Thread
3910-007-652	6.5mm x 75mm Dri-Lok Cannula Distal Thread
3910-007-006	6.5mm x 75mm Cannulated Obturator
3910-009-006	6.5mm x 90mm Cannulated Obturator
3910-007-008	8.0mm x 75mm Cannulated Obturator
3910-009-008	8.0mm x 90mm Cannulated Obturator
3910-007-501	5.0mm x 75mm, Non-Threaded
3910-007-500	5.0mm x 75mm, Threaded
3910-007-651	6.5mm x 75mm, Non-Threaded
3910-007-650	6.5mm x 75mm, Threaded
3910-007-801	8.0mm x 75mm, Non-Threaded
3910-007-800	8.0mm x 75mm, Threaded

1. Improved function over rigid body cannula
2. Stryker DHD13873 Rev A 2019

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