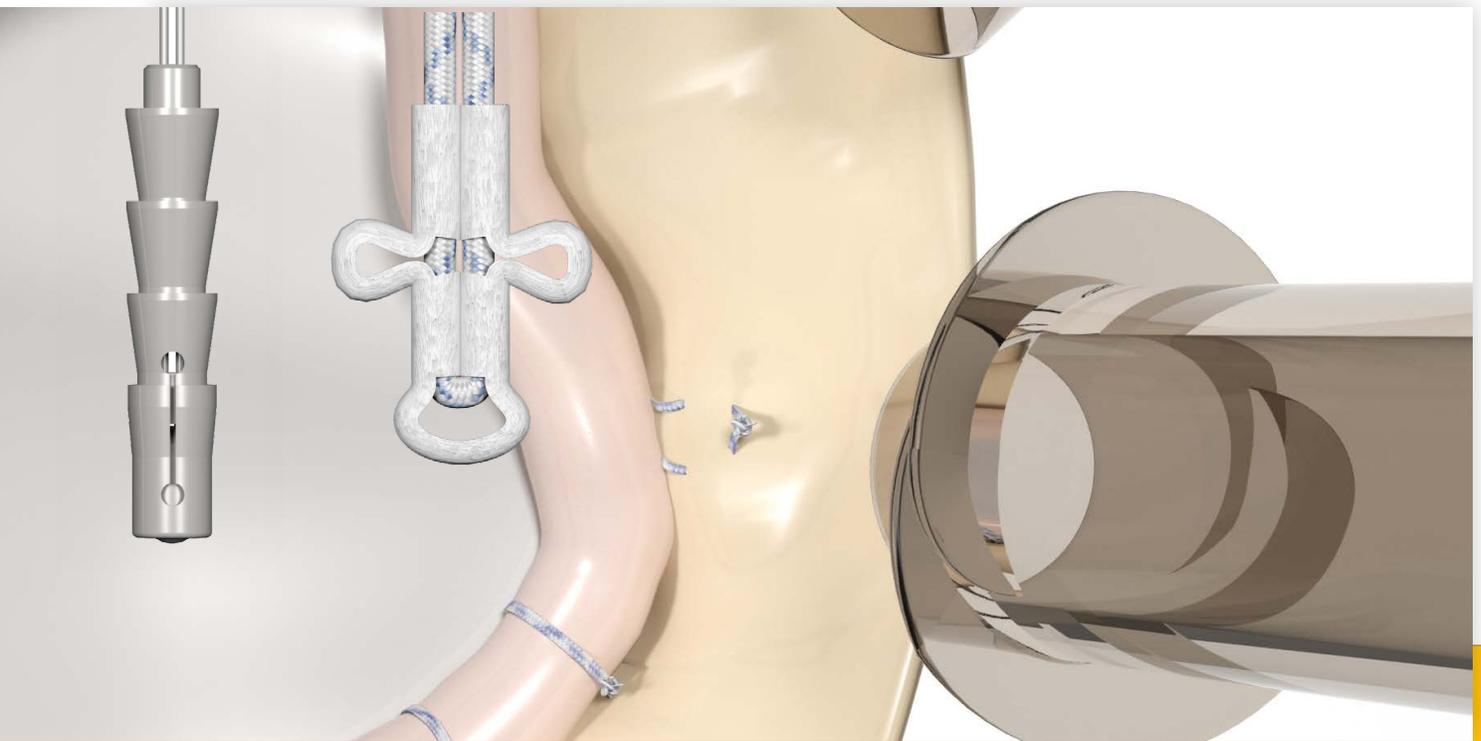


# Instability

**Surgical procedure**



# 1.4mm Instability Anchor Platform

Stryker's 1.4mm instability anchor platform features the Iconix all-suture anchor and the NanoTack TT PEEK hard body suture anchor. The platform offers intraoperative key advantages by using a shared instrumentation set including straight, 12, 25 degree guides as well as a shared drill.

This compatibility across the platform offers the surgeon versatility to intraoperatively select the anchor best suited for the patient and the repair while maintaining a very small footprint to preserve glenoid bone.



## Iconix

Iconix features Intellibraid Technology which creates a bunching effect using targeted compression zones within the implant sheath for optimal fixation.

## NanoTack TT

At 1.4mm, the NanoTack TT, is the smallest PEEK hard body anchor on the market.\* The NanoTack TT is designed to expand upon anchor deployment and offers two points of fixation.

## Shared instrumentation



The 1.4mm drill features self-centering technology which is designed to maintain the angle of the curved guides while also mitigating the creation of metal shavings during drilling. 1.4mm curved guides are compatible for both NanoTack TT and Iconix.

## Bone preservation

The volume of bone removal by Stryker's instability platform drill has been shown to be 72% less than that of a competitor 2.9mm drill. Preserving glenoid bone may reduce the risk of fracture.<sup>1</sup>



\*Based on a survey of currently available anchors.

## Instability surgical procedure

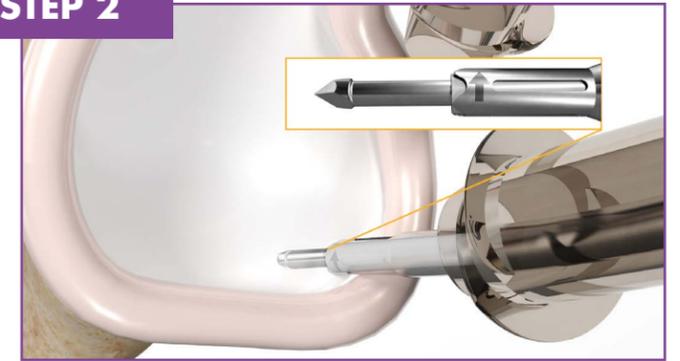
### STEP 1



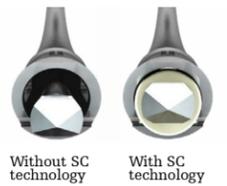
After a diagnostic assessment of the labrum and mobilization of the anterior capsulolabral complex, a 25 degree curved guide is inserted through a cannula or an accessory percutaneous incision.

**Note: Drill guides are available in straight, 12 and 25 degrees.**

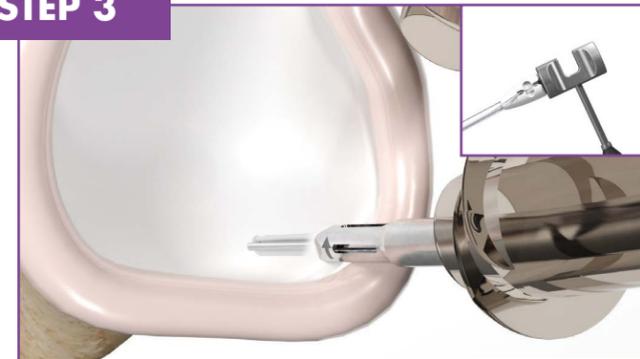
### STEP 2



The drill hole is prepared using a 1.4mm drill. The Iconix drill features self-centering technology which is designed to maintain the angle of the curved guides while also mitigating the creation of metal shavings during drilling.



### STEP 3



The 1.4mm Iconix all-suture anchor, featuring XBraid Tieable Tape, is impacted into the bone until the inserter handle is bottomed out against the guide handle hard stop.

### STEP 4



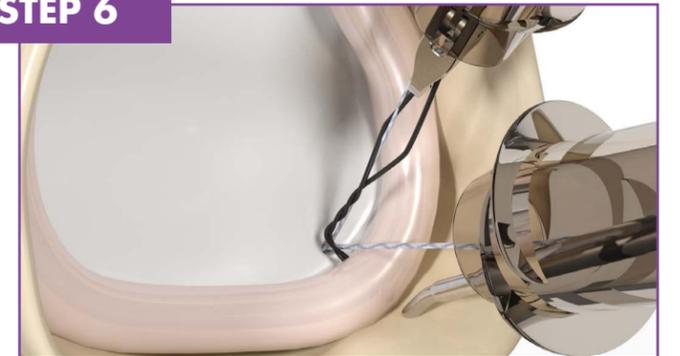
Suture tails are uncleaned and released and the inserter shaft is removed from the guide. Pull slowly and uniformly on the suture tails to deploy and set the Iconix anchor.

### STEP 5



One tail of the XBraid TT is retrieved out of the superior anterior portal. Using a Champion Slider, pass the XBraid TT through the capsule and labrum to restore a stable bumper effect and appropriate tension to the capsulolabral complex.

### STEP 6



The nitinol wire is retrieved through the superior anterior portal.

**STEP 7**



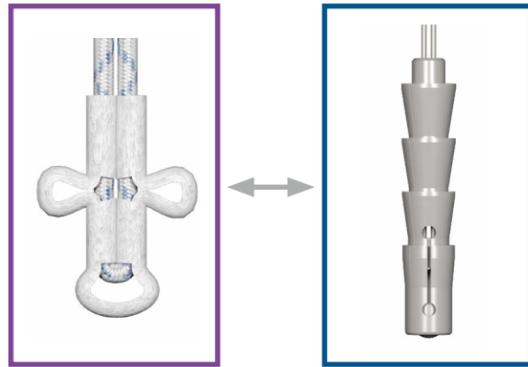
The suture is threaded through the loop which is retracted and shuttled through the tissue.

**STEP 8**



The XBraid TT is tied and the knot is carefully slid onto the neck of the glenoid on the outside or anterior aspect of the capsulolabral complex. The tails are cut using a Big Dog suture cutter, ensuring a tail remains.

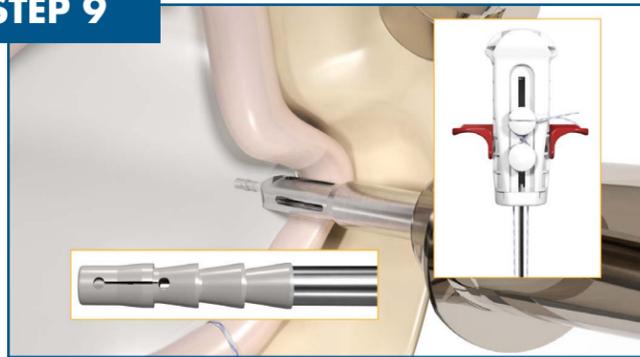
**Note: XBraid TT is a tie-able tape with comparable knot stacks to a #2 suture. The custom braid is designed to not fold under tension.<sup>2</sup>**



**Intraoperative versatility**

The 1.4 instability platform utilizes shared instrumentation between two implants which allows the surgeon intra operative versatility between an all suture anchor or a PEEK hard body anchor based on bone assessment.

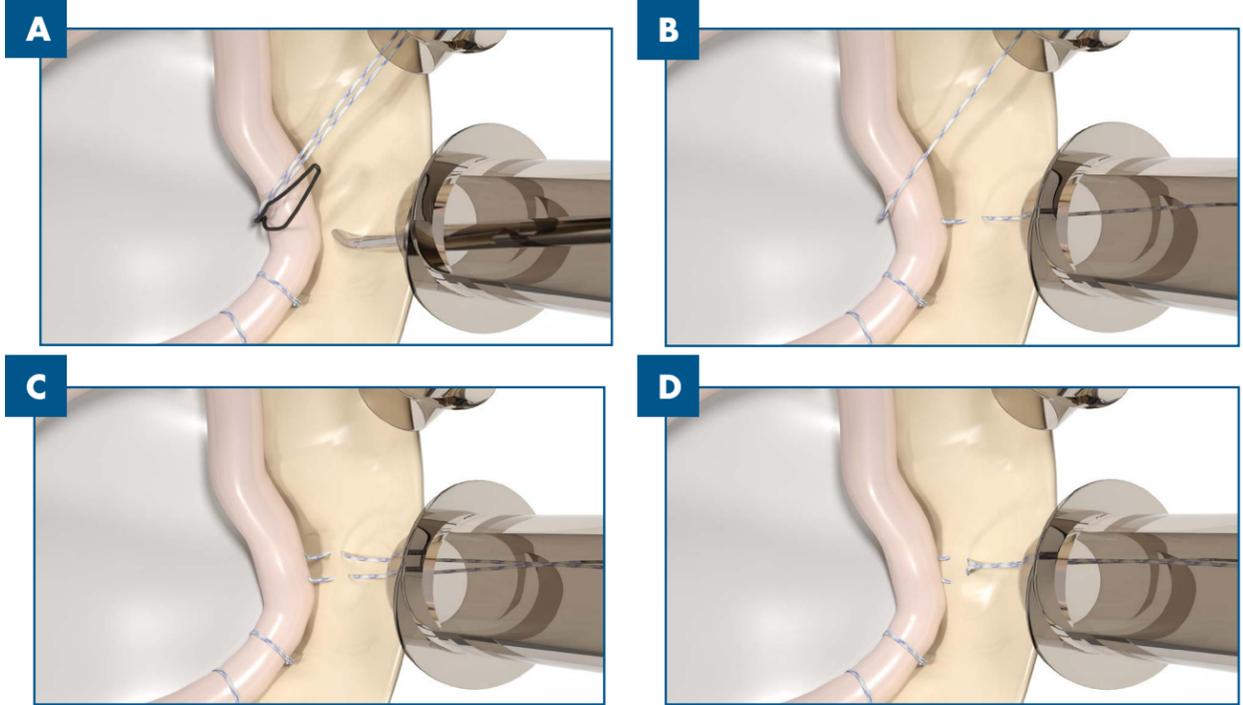
**STEP 9**



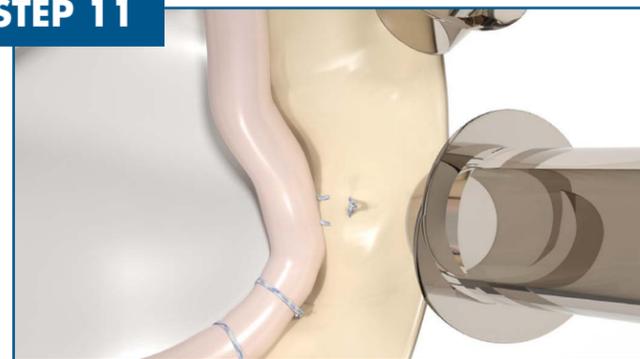
Following the preparation of the 1.4mm bone tunnel the Nanotack TT is malleted into the bone. The anchor is deployed by pulling up on the two red tabs which deploys a proprietary distal soft eyelet to expand the anchor. Sutures are uncleated and the shaft is removed.

**STEP 10**

The XBraid TT is passed through the capsulolabral complex in a horizontal mattress pattern which may enable the surgeon to restore the tension anatomically while keeping the knot stack away from the chondral surface.



**STEP 11**



The final anchor is placed in a horizontal mattress fashion to restore the anatomic position of the labrum.

**Instability**  
ordering information

**Champion Shoulder Instruments**



Part number	Description
234102102	Big Dog Flush Suture Cutter
3910500729	Crochet Hook
3910500724	Cuff Hook Left
3910500725	Cuff Hook Right
3910500730	Knot Manipulator Full Loop
3910500738	Penetrating Grasper 30 Degree
3910500739	Penetrating Grasper 45 Degree
3910500736	Penetrating Grasper Left
3910500735	Penetrating Grasper Right
3910500737	Penetrating Grasper Straight
3910500732	Rasp Down Bend 20 Degree
3910500731	Rasp Up Bend 20 Degree
3910500722	Stabilhook Left
3910500723	Stabilhook Right
3910500742	Suture Cutter 2mm
3910500741	Suture Grasper
3910500740	Suture Grasper with Ratchet
3910500727	Suture Manipulator
3910500728	Tissue Grasper with Ratchet
3910500734	Tissue Liberator Blade Down
3910500733	Tissue Liberator Blade Up
3910500743	Champion Tray
3910500800	3mm Probe
3910500850	5mm Probe
266723000	Switching Stick (Large)
266722000	Switching Stick (Small)
266719000	Wessinger Rod (Small)
266720000	Wessinger Rod (Large)
266724000	Irrigation Adaptor, SE3
266721000	Wissinger Handle, SE3

**Dri-Lok Cannula**



Part number	Description
3910009502	5.0mm x 90mm Dri-Lok Cannula Distal Thread
3910009500	5.0mm x 90mm Dri-Lok Threaded Cannula
3910009652	6.5mm x 90mm Dri-Lok Cannula Distal Thread
3910009650	6.5mm x 90mm Dri-Lok Threaded Cannula
3910007802	8.0mm x 75mm Dri-Lok Cannula Distal Thread
3910009802	8.0mm x 90mm Dri-Lok Cannula Distal Thread
3910009800	8.0mm x 90mm Dri-Lok Threaded Cannula
3910007502	5.0mm x 75mm Dri-Lok Cannula Distal Thread
3910007652	6.5mm x 75mm Dri-Lok Cannula Distal Thread
3910007006	6.5mm x 75mm Cannulated Obturator
3910009006	6.5mm x 90mm Cannulated Obturator
3910007008	8.0mm x 75mm Cannulated Obturator
3910009008	8.0mm x 90mm Cannulated Obturator
3910007501	5.0mm x 75mm, Non-threaded
3910007500	5.0mm x 75mm, Threaded
3910007651	6.5mm x 75mm, Non-threaded
3910007650	6.5mm x 75mm, Threaded
3910007801	8.0mm x 75mm, Non-threaded
3910007800	8.0mm x 75mm, Threaded

**GateWay Silicone Cannula**



Part number	Description
3910080020	8mm x 20mm
3910080030	8mm x 30mm
3910080040	8mm x 40mm
3910080050	8mm x 50mm
3910012030	12mm x 30mm
3910012040	12mm x 40mm

**Instability**  
ordering information

**Iconix instrumentation**



Part number	Description
3910500568	Iconix 1.4mm disposable drill
3910500571	Iconix 1.4mm reusable drill
3910500553	Iconix 12° guide for 1.4mm anchor
3910500554	Iconix 25° guide for 1.4mm anchor
3910500562	Iconix pencil tip obturator for 1.4mm anchor
3910500558	Iconix slant 12° guide for 1.4mm anchor
3910500559	Iconix slant 25° guide for 1.4mm anchor
3910500552	Iconix straight guide for 1.4mm anchor
3910500550	Iconix straight guide short for 1.4mm anchor
3910500564	Iconix trocar tip obturator for 1.4mm anchor

**Iconix\*\***

Part number	Description
3910500512	Iconix 1 with IntelliBraid technology, 1.4mm anchor with 1 strand #2 Force Fiber (Box of 5)

**Iconix TT\*\***

Part number	Description
3910500312	Iconix 1 TT with IntelliBraid technology, 1.4mm anchor with 1.2mm XBraid TT (Box of 5)

**Iconix Needles\*\***

Part number	Description
3910500212	Iconix 1 Needles with IntelliBraid technology, 1.4mm anchor with 1.2mm XBraid TT (Box of 5)
3910500412	Iconix 1 Needles with IntelliBraid technology, 1.4mm anchor with 1 strand #2 Force Fiber (Box of 5)

**NanoTack Suture Anchor System**



Part number	Description
CAT02969	NanoTack TT, 1.4mm anchor with 1.2mm XBraid TT*

**Champion SlingShot**



Part number	Description
CAT02854	Champion SlingShot 45° Left
CAT02855	Champion SlingShot 45° Right
CAT02854	Champion SlingShot 70° up

**Champion Sliders**



Part number	Description
3910500750	Champion Slider Handle
3910500751	Slider Needle 45° Right
3910500752	Slider Needle 45° Left
3910500753	Slider Needle 25° Right
3910500754	Slider Needle 25° Left
3910500755	Slider Needle Crescent Large
3910500756	Slider Needle Crescent Medium
3910500757	Slider Needle 30° Straight
3910500758	Slider Needle 60° Straight
3910500759	Slider Needle Crescent Large XL
3910500760	Slider Needle Crescent Medium XL
3910500761	Slider Nitinol Shuttle

\* NanoTack TT is validated for use only with Iconix instrumentation.

\*\*Iconix is also available in 2.3mm sizes.

## References

1. DHD14024
2. Test Report: DHFD12758

## Sports Medicine

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