

Rotator Cuff Repair

*Twist SST PEEK Screw-In Suture Anchors and
Twist Knotless Screw-In Suture Anchors*

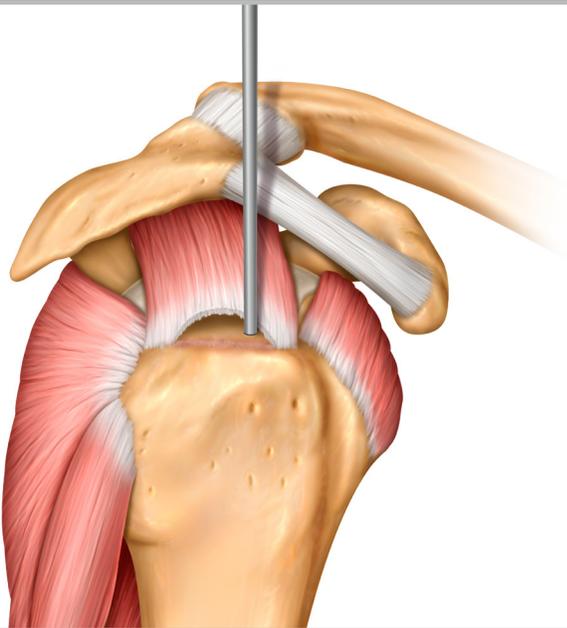
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Surgical Technique Guide

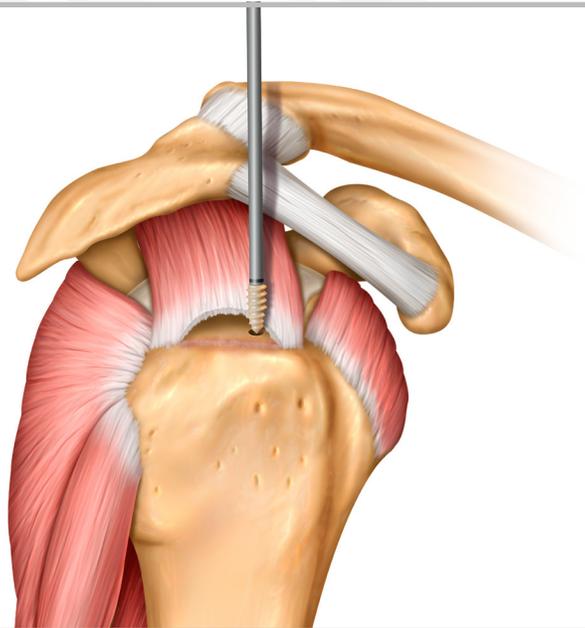
Rotator Cuff Repair

Twist SST PEEK Screw-In Suture Anchors & Twist Knotless Screw-In Suture Anchor



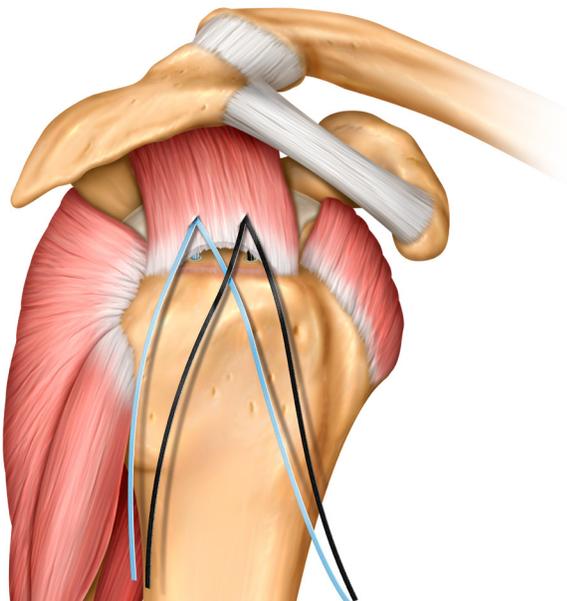
step
1

The rotator cuff footprint is prepared, and pilot holes are created near the articular margin.



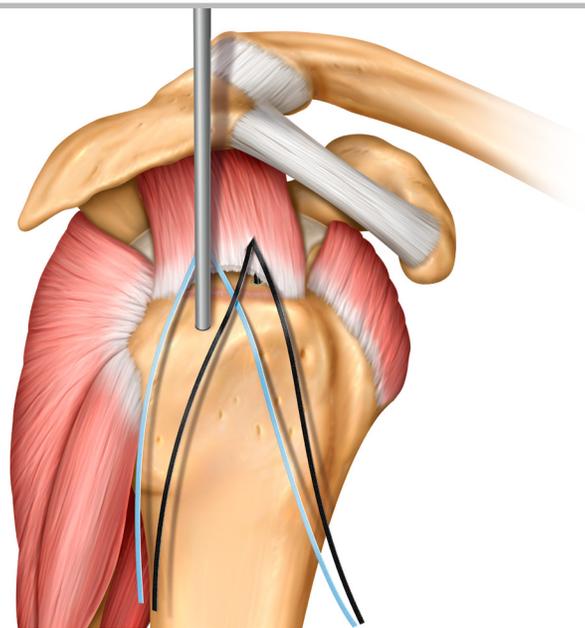
step
2

Insert the Twist PEEK SST, which is pre-loaded with one 2mm suture tape. Repeat steps 1-2 as necessary.



step
3

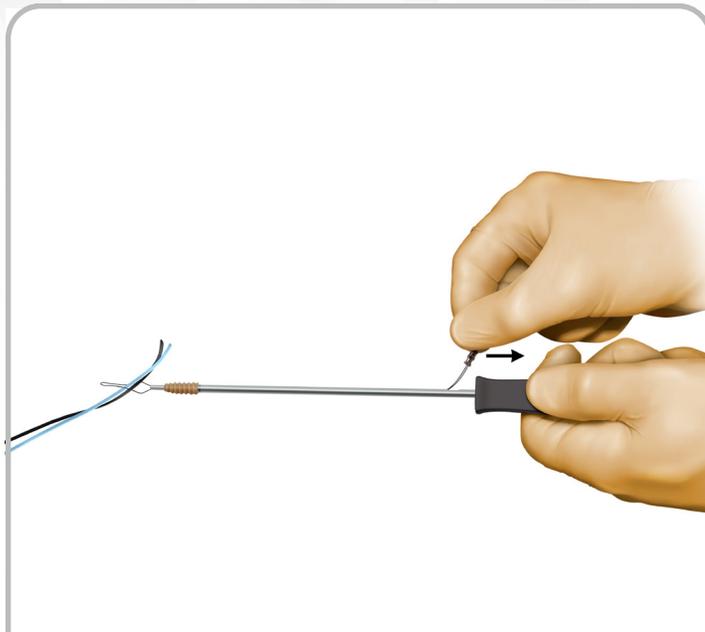
The suture tapes are passed through the rotator cuff in a mattress configuration using preferred suture passing technique.



step
4

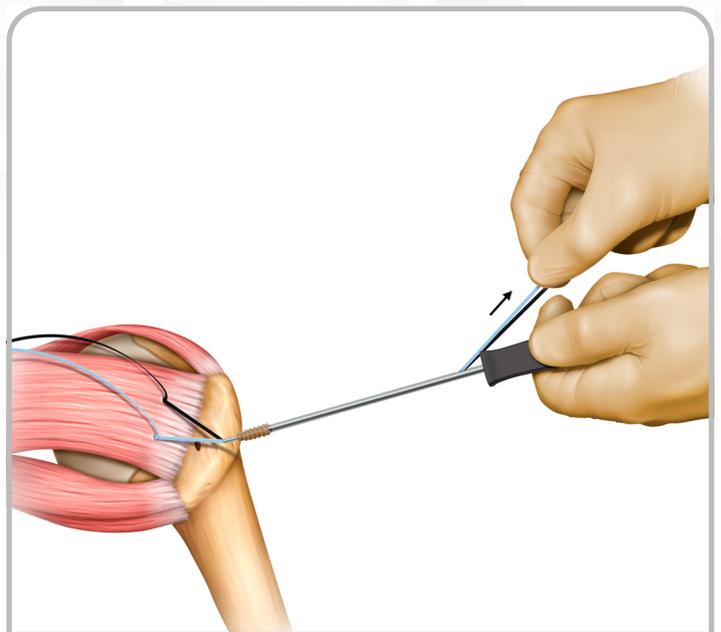
The lateral row anchor site is identified and a pilot hole is created using the 4.1 Awl.

Rotator Cuff Repair *Twist SST & Twist Knotless Screw-In Suture Anchor*



step
5

Suture tails (up to 2) can be loaded into the Twist Knotless suture threader. The threader tab is pulled to shuttle the loaded sutures through the Twist Knotless and inserter.

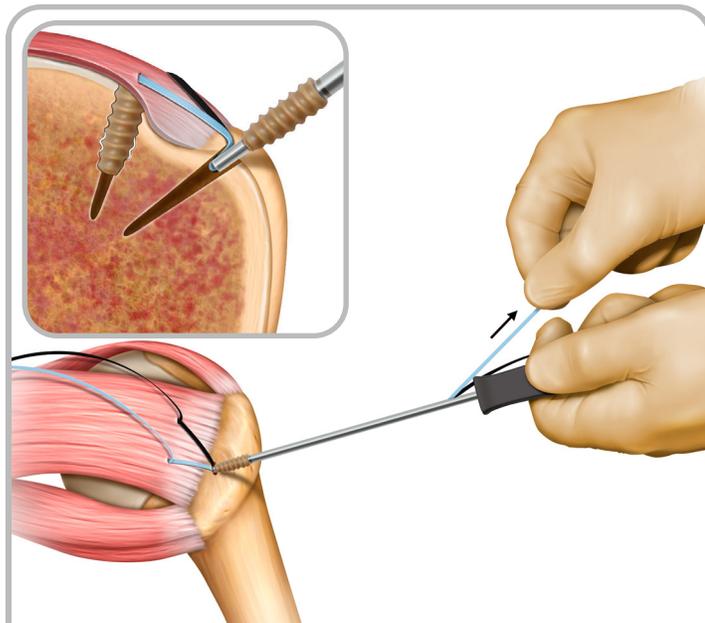


step
6

While applying light tension on the suture tails, advance the Twist Knotless anchor into the subacromial space through the cannula.

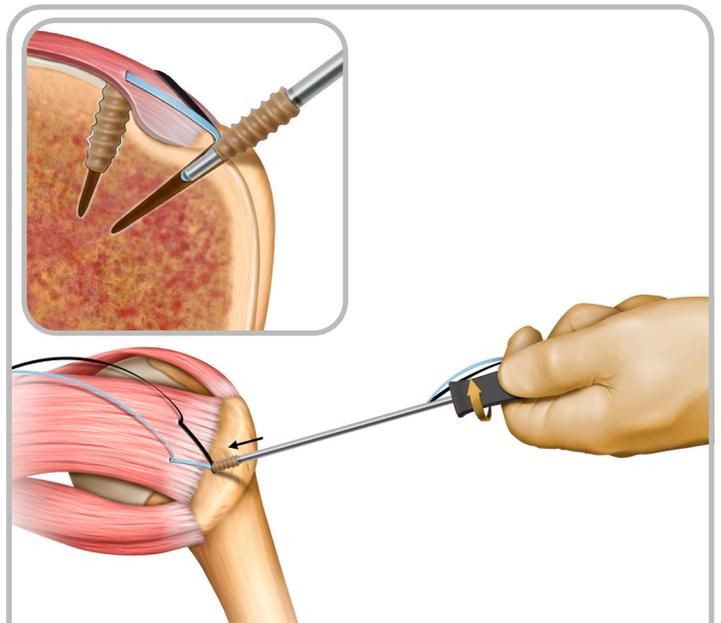
Technical Note: Cadaveric testing has demonstrated that the biomechanical performance of knotless fixation with suture tape is equivalent or better than a knotted repair and that knotless fixation has less variability in biomechanical properties.

Reference: Denard, Patrick J et al. "Knotless Fixation Is Stronger and Less Variable Than Knotted Constructs in Securing a Suture Loop." Orthopaedic journal of sports medicine vol. 6,5 2325967118774000. 21 May. 2018, doi:10.1177/2325967118774000



step
7

Introduce the insertion nose into the pilot hole. While maintaining position of Twist Knotless insertion handle, pull suture tails individually to set tension.

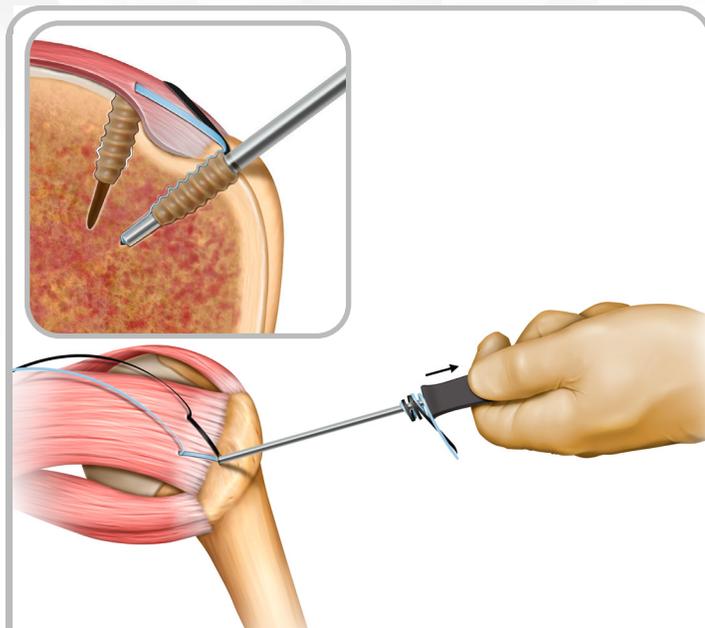


step
8

Once desired tension is achieved, release suture tails. With downward (proximal to distal) pressure, rotate clockwise to insert the Twist Knotless.

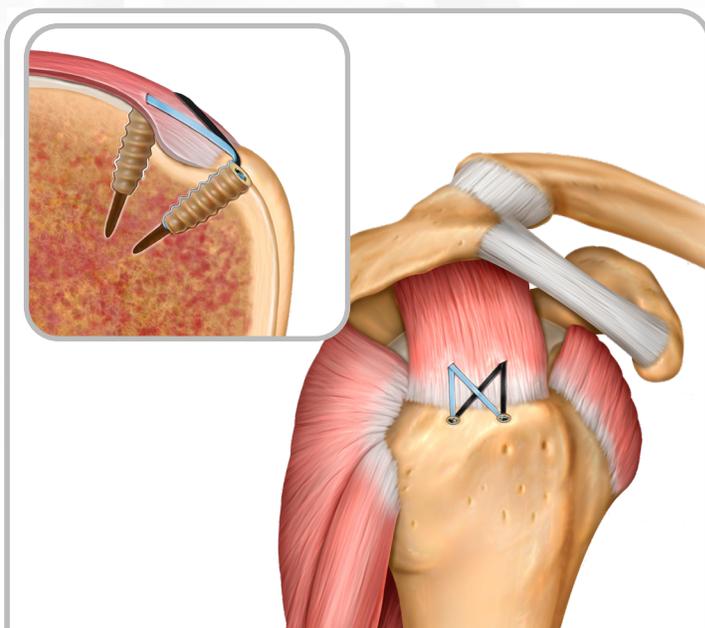
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Twist SST & Twist Knotless Screw-In Suture Anchor



step
9

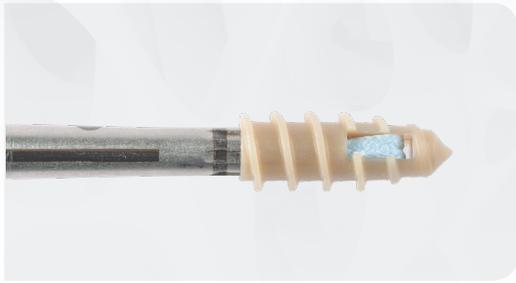
Rotate Twist Knotless to proper insertion depth marked by the horizontal laser line. Disengage the driver by pulling back. The sutures wrapped around the driver shaft will unwind as driver is disengaged.



step
10

Repeat steps 5-10 as necessary to complete the repair.

Twist SST *Peek Screw-In Suture Anchor*



Twist PEEK Screw-In Suture Anchors are recommended for use in both large and small-joint repairs.

Features & Benefits

Fully-threaded design

- Optimal cortical fixation
- Reduces the risk of “pull-back”

Made of PEEK-OPTIMA Natural

- Non-absorbable, radiolucent, MR safe

Twist SST PEEK Screw-In Suture Anchors w/One Suture Tape

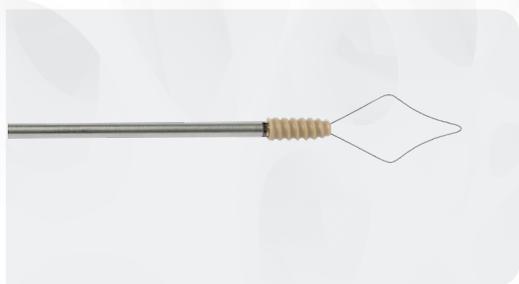
Part #	Diameter (mm)	Length (mm)	Description	Material	QTY/Box
11349	4.5	12.6	Twist SST, screw-in, suture anchor, w/1, 2mm suture tape (blu)	PEEK	1
11350	4.5	12.6	Twist SST, screw-in, suture anchor, w/1, 2mm suture tape (blk)	PEEK	1
11351	5.5	12.6	Twist SST, screw-in, suture anchor, w/1, 2mm suture tape (blu)	PEEK	1
11352	5.5	12.6	Twist SST, screw-in, suture anchor, w/1, 2mm suture tape (blk)	PEEK	1

Twist SST PEEK Screw-In Suture Anchors Instrumentation

Part #	Diameter (mm)	Joint	Description	Sterile/Unsterile	Single-use/Reusable
10365	3.2	Shoulder	Awl	Unsterile	Reusable
10338	4.1	Shoulder	Awl	Unsterile	Reusable
10609	4.5	Shoulder	Punch/tap	Unsterile	Reusable
10277	5.5	Shoulder	5.5mm or 6.5mm punch/tap	Unsterile	Reusable
10222	5.5	Shoulder	5.5mm or 6.5mm punch/tap, hudson	Unsterile	Reusable
10540U	3.2	Shoulder	Drill bit, w/positive stop	Unsterile	Reusable
10541U	4	Shoulder	Drill bit	Unsterile	Reusable



Twist Knotless *Screw-In Suture Anchors*



Twist Knotless was designed to be extremely reliable and strong. The fully threaded screw-in knotless anchor is ideally suited for rotator cuff repair and Achilles repair.

Features & Benefits

Made of PEEK OPTIMA Natural

- Resorbable, radiolucent, and MR safe

Knotless

- Provides a step-saving alternative to conventional “knotted” suture anchors
- Eliminates “knot stacks” associated with soft tissue irritation

Fully threaded design

- Optimal cortical fixation
- Reduce the risk of “pull-back”

Twist Knotless

Part #	Diameter (mm)	Length (mm)	Description	Material	QTY/Box
11165	4.75	15	Twist Knotless, screw-in, suture anchor, w/suture passer	PEEK	1
11166	5.5	15	Twist Knotless, screw-in, suture anchor, w/suture passer	PEEK	1
11167	6.25	15	Twist Knotless, screw-in, suture anchor, w/suture passer	PEEK	1

Twist Knotless Instrumentation

Part #	Diameter (mm)	Joint	Description	Sterile/Unsterile	Single-use/Reusable
11172	-	Shoulder	Awl, w/taper from 3.6mm to 4.1mm	Unsterile	Reusable



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