

Double Row Knotless Achilles Repair

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

Parcus Medical has joined **Anika**

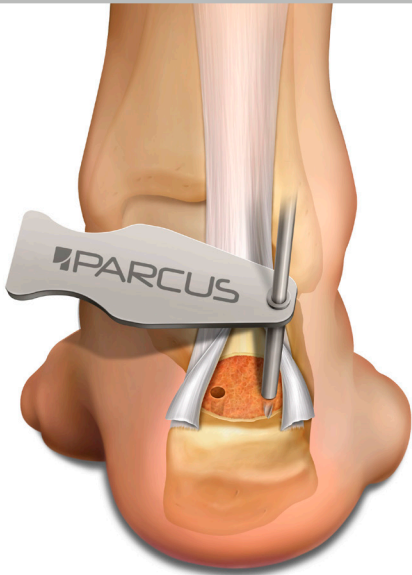


Surgical Technique Guide

Double Row Knotless Achilles Repair

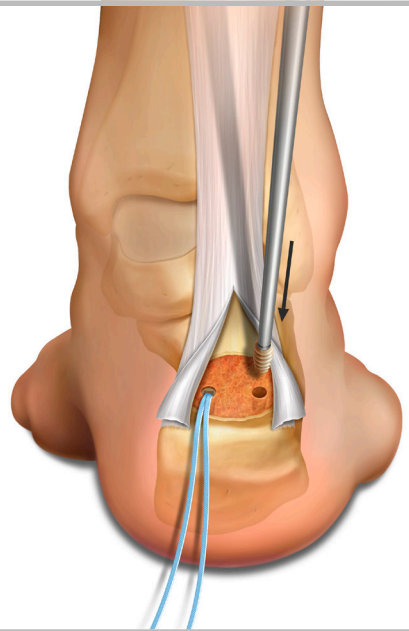
Twist SST Screw-In Suture Anchors and Twist Knotless DEX Screw-In Suture Anchors

* Perform a proper midline incision and dissect the Achilles tendon distally, taking care to leave some medial and lateral distal attachments if feasible. Remove the Haglund deformity with sagittal saw and osteotome. Take care to address any resulting medial and lateral prominences.



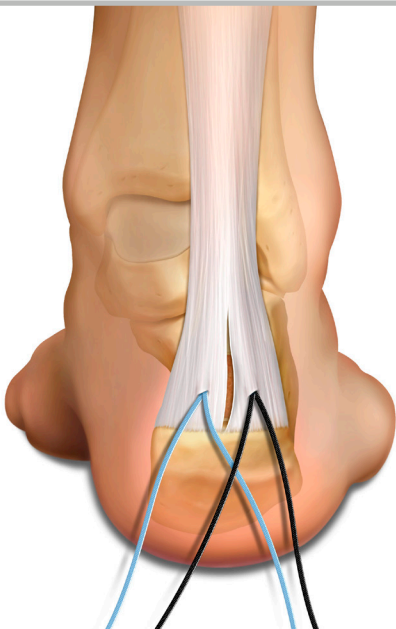
step
1

Use the drill guide and 4mm drill bit 1cm proximal to the insertion of the Achilles tendon to prepare for the placement of the two (2) Twist SST Suture Anchors. When using a Biocomposite anchor, utilize the appropriately sized tap.



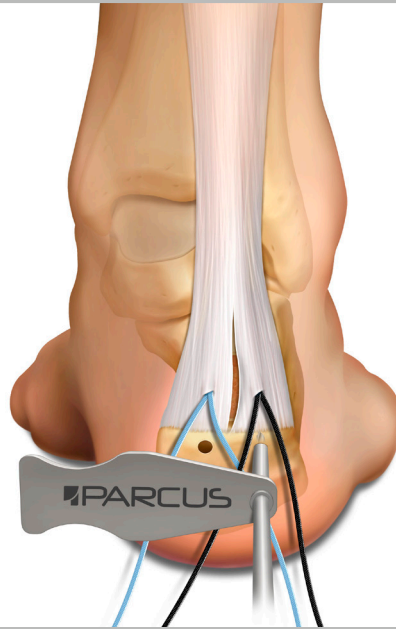
step
2

Insert one Twist SST anchor of blue 2mm Parcus Braid® suture tape into one proximal hole, and one Twist SST anchor of black 2mm suture tape into the adjacent proximal hole.



step
3

Shuttle the 2mm Parcus Braid® suture tape through the Achilles tendon on each side using an Infinity Loop with Needle.

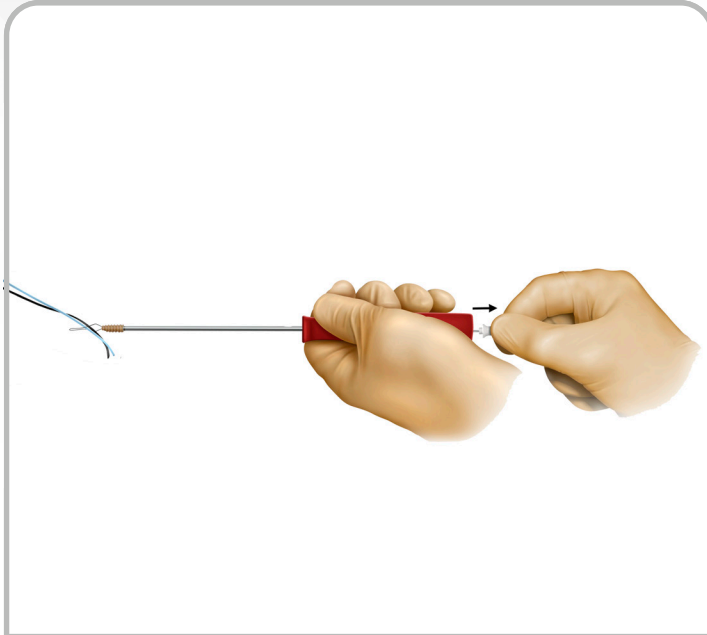


step
4

Prepare the bone for the insertion of the two (2) Twist Knotless DEX Suture Anchors distally using the drill guide and 4mm drill. Tap each distal hole with the 4.75mm Twist Knotless DEX Tap.

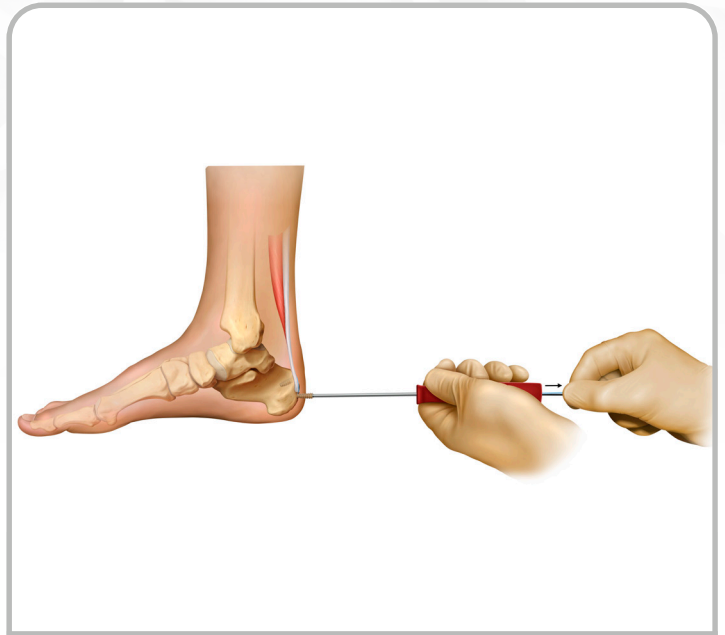
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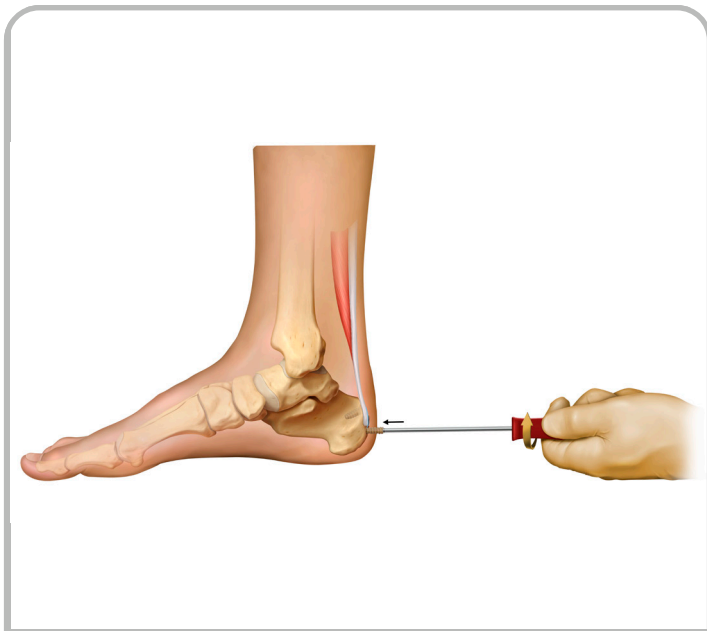
step
5

Load one blue 2mm Parcus Braid® suture tape tail and one black 2mm Parcus Braid® suture tape tail into the Twist Knotless DEX suture threader. The threader tab is pulled to shuttle the sutures through the cannulation of the Twist Knotless DEX anchor body and inserter.



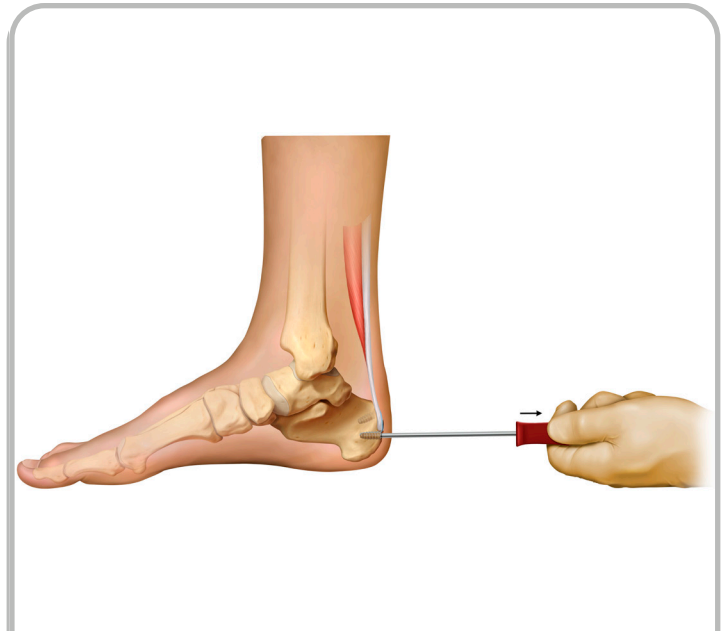
step
6

Introduce the Twist Knotless DEX anchor into one of the distal pilot holes. While maintaining position of Twist Knotless insertion handle, pull suture tails individually to set tension.



step
7

Once desired tension is achieved, release suture tails. With downward pressure, advance the Twist Knotless DEX anchor by rotating the inserter clockwise until the anchor is fully inserted and flush with bone. A depth marking laser line found on the inserter shaft proximal to the anchor can serve as an additional visual aid.

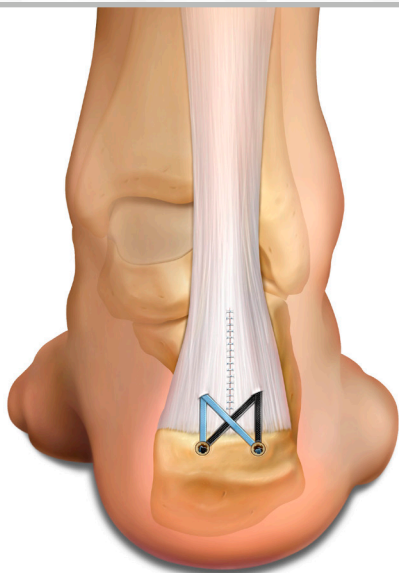


step
8

Once the Twist Knotless DEX anchor is fully seated to the desired depth, disengage the driver by pulling back. Repeat steps 5-8 to insert second Twist Knotless DEX suture anchor using the remaining two blue and black tails from the proximal row.

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step
9

Cut remaining suture tape tails flush to each corresponding distal row anchor to complete the repair construct.

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
- Bio-inert*
- Radiolucent
- MR safe

Twist SST PEEK Screw-In Suture Anchors w/One Static 2mm Suture Tape

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

Parcus Braid Infinity Loop

Part #	Size	Description
20056S	#2	Parcus Braid, infinity loop (wht/blu), w/needle
20174S	1.6mm	Parcus Braid, suture tape infinity loop (wht/blu) w/needle

Twist SST PEEK Screw-In Suture Anchors Instrumentation

Part #	Description	Sterility	Single-use/ Reusable
11000U	4.0mm Drill (for use with Twist SST and Knotless DEX Anchors)	Non-Sterile	Reusable
11241	4.0 x 100mm drill guide, 6-point	Non-Sterile	Reusable
10365	3.2mm Awl (for use with 4.5mm Twist SST Anchor)	Non-Sterile	Reusable
10338	4.1mm Awl (for use with 4.5mm, 5.5mm and 6.5mm Twist SST Anchors)	Non-Sterile	Reusable
10609	Punch/tap for 4.5mm Twist SST Anchor	Non-Sterile	Reusable
10277	Punch/tap for 5.5mm or 6.5mm Twist SST Anchors	Non-Sterile	Reusable
10222	Punch/tap for 5.5mm or 6.5mm Twist SST Anchors, hudson	Non-Sterile	Reusable



*“Bio-inert to reduce the possible risk of patient reaction.” <https://invibio.com/ortho/shoulder-arthroscopy>

Twist Biocomposite SST *Screw-In Suture Anchor*



Twist Biocomposite Screw-In Suture Anchors are recommended for use in both large and small-joint repairs. The proven design of the Twist family has been updated with Parcus Biocomposite material that is comprised of 70% PLGA and 30% B-TCP.

Features & Benefits

Fully-threaded design

- Optimal cortical fixation
- Reduces the risk of "pull-back"

Made of Parcus Biocomposite material (70% PLGA and 30% B-TCP)

- Resorbable
- Osteoconductive
- Radiolucent
- MR safe

Twist Biocomposite SST Suture Anchors w/One Static 2mm Suture Tape

Part #	Diameter (mm)	Description	Material
11355	4.5	Twist Biocomposite SST, suture anchor, w/1 static 2mm Suture Tape, (Blu)	Biocomposite
11356	4.5	Twist Biocomposite SST, suture anchor, w/1 static 2mm Suture Tape, (Blk)	Biocomposite
11357	5.5	Twist Biocomposite SST, suture anchor, w/1 static 2mm Suture Tape, (Blu)	Biocomposite
11358	5.5	Twist Biocomposite SST, suture anchor, w/1 static 2mm Suture Tape, (Blk)	Biocomposite
11359	6.5	Twist Biocomposite SST, suture anchor, w/1 static 2mm Suture Tape, (Blu)	Biocomposite
11360	6.5	Twist Biocomposite SST, suture anchor, w/1 static 2mm Suture Tape, (Blk)	Biocomposite

Twist Biocomposite SST Instrumentation

Part #	Description	Sterility	Single-use/ Reusable
11000U	4.0mm Drill (for use with Twist SST and Knotless DEX Anchors)	Non-Sterile	Reusable
11241	4.0 x 100mm drill guide, 6-point	Non-Sterile	Reusable
11177	Tap for 4.5mm Twist Biocomposite	Non-Sterile	Reusable
11178	Tap for 5.5mm Twist Biocomposite	Non-Sterile	Reusable
11179	Tap for 6.5mm Twist Biocomposite	Non-Sterile	Reusable
10365	3.2mm Awl (for use with 4.5mm Twist SST Anchor)	Non-Sterile	Reusable
10338	4.1mm Awl (for use with 4.5mm, 5.5mm and 6.5mm Twist SST Anchors)	Non-Sterile	Reusable
11433	Soft Bone Tap for 4.5mm Twist Biocomposite	Non-Sterile	Reusable



Twist Knotless DEX *Screw-In Suture Anchors*



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

Features & Benefits

Knotless

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

Fully threaded design

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

Made of PEEK-OPTIMA Natural

- Non-absorbable
- Bio-inert
- Radiolucent
- MR safe

Twist Knotless DEX

Part #	Diameter (mm)	Description	Material
11259	4.75	Twist Knotless DEX, screw-in, suture anchor, w/suture passer	PEEK
11260	5.5	Twist Knotless DEX, screw-in, suture anchor, w/suture passer	PEEK

Twist Knotless DEX Instrumentation

Part #	Description	Sterility	Single-use/ Reusable
11000U	4.0mm Drill (for use with Twist SST and Knotless DEX Anchors)	Non-Sterile	Reusable
11241	4.0 x 100mm drill guide, 6-point	Non-Sterile	Reusable
10338	4.1mm Awl (for use with Twist Knotless DEX Suture Anchors)	Non-Sterile	Reusable
11139	Punch/tap for 4.75mm Twist Knotless DEX	Non-Sterile	Reusable



 **PARCUS**

Parcus Medical has joined *Anika*

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