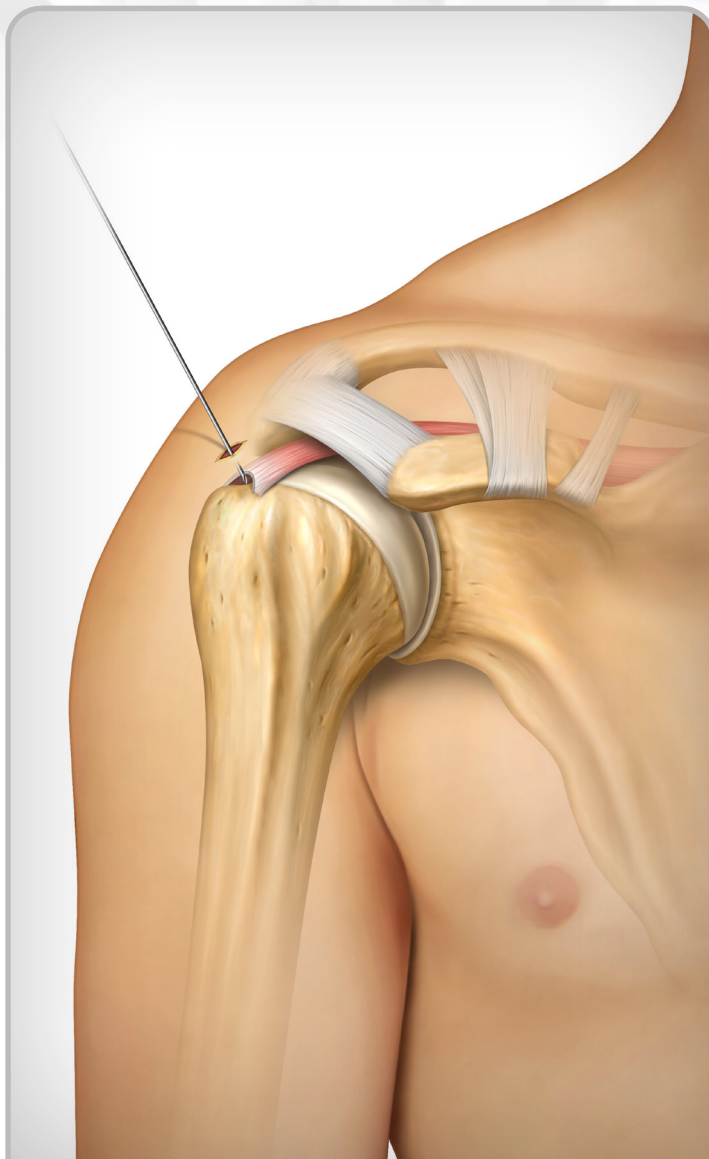


Rotator Cuff Repair

Augmentation with Tactoset® Injectable Bone Substitute

Surgical Technique Guide

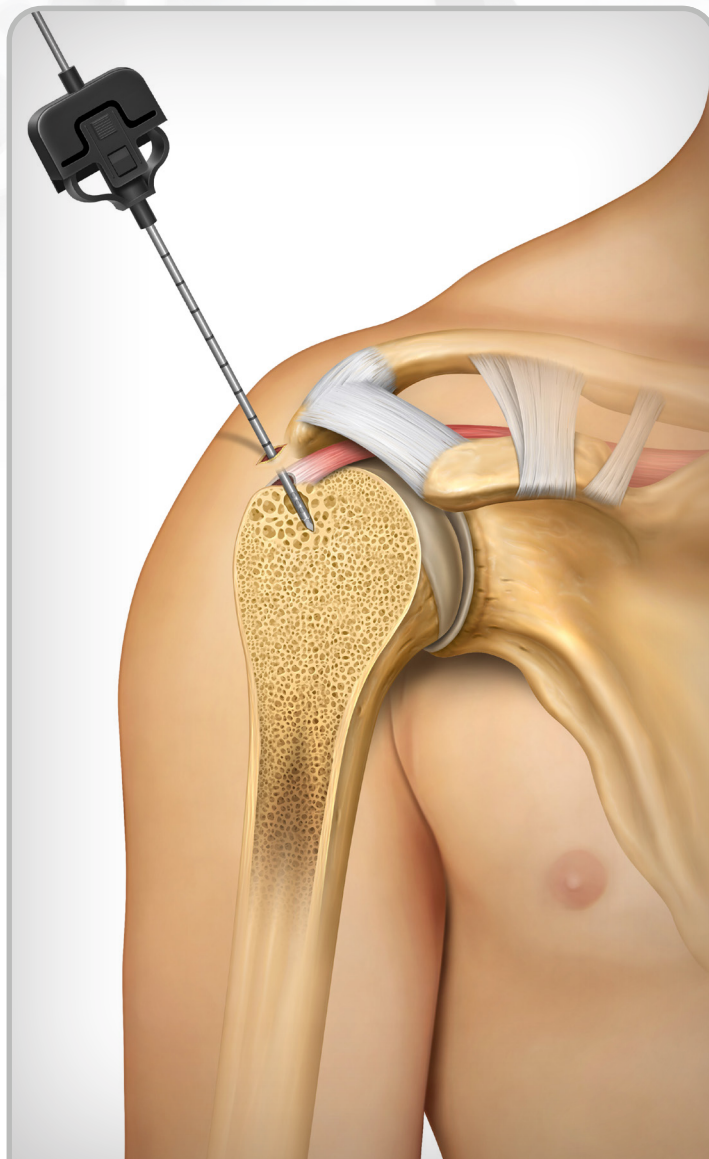
Rotator Cuff Repair *Augmentation with Tactoset® Injectable Bone Substitute*



step
1

Using a spinal needle percutaneously, identify the desired point of anchor placement most proximal to the affected bone. Take care to use a perpendicular approach in relation to the cortical surface to ensure proper drilling trajectory.

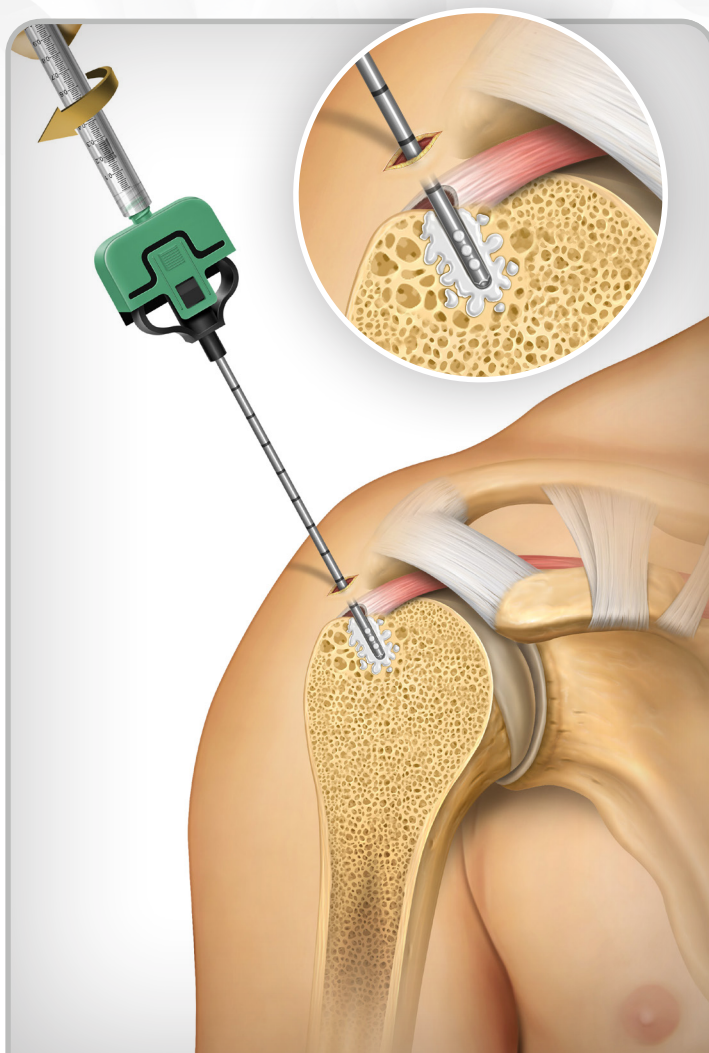
Note: Make a small stab incision at the needle site for the 11G Tactoset cannula placement.



step
2

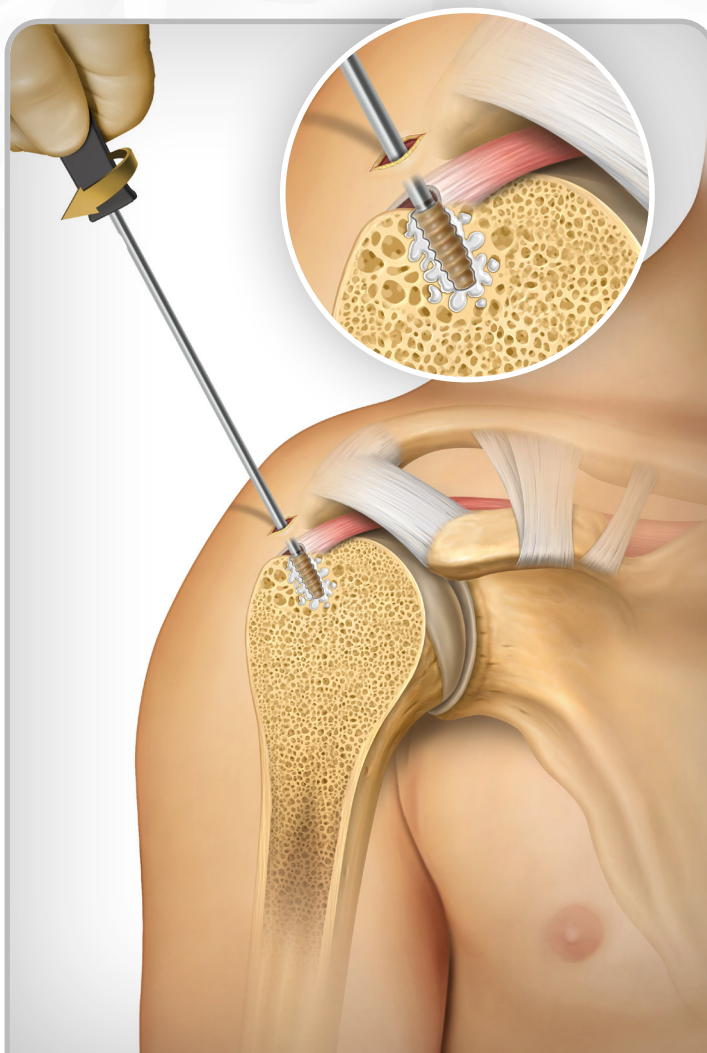
- Under power, drill the 11G cannula to the approximate depth of the selected anchor using the laser lines as guidance. Avoid multiple drill attempts as this could result in extravasation of the material.
- Once the outer cannula is in place, remove the stylet and insert the appropriate inner cannula for side- or end-targeted delivery
- **Note:** If a punch/awl was already utilized to create a pilot hole, it is recommended to drill the 11G cannula directly into the punched hole.

Rotator Cuff Repair *Augmentation with Tactoset® Injectable Bone Substitute*



step
3

- About 7 minutes after mixing Tactoset, but prior to decorticating, inject approximately 2-3cc of Tactoset into the humerus.
- **Note:** It is recommended to use the side-delivery inner cannula, while twisting in a 360-degree motion, to fill the defect or region proximal to the desired anchor placement. The side delivery cannula can also be oriented to target specific regions of bone, if desired.
- **Note:** Extravasation of Tactoset through the humeral cortex is an indication to stop injection of the material. It is recommended to momentarily increase arthroscopic pump pressure (~70mmHg) to inhibit flow of Tactoset during injection. Any extravasated Tactoset material should be removed under suction with a shaver.
- After injection, leave the Tactoset cannula in place for 2-3 minutes prior to removing.
- **Note:** After 2-3 minutes, decortication of the tuberosity may be performed.



step
4

- Prepare for anchor insertion by placing the corresponding suture anchor punch directly into the pilot hole created by the Tactoset cannula. An additional tapping step may be used if indicated. Advance anchor into the bone following standard procedures. Continue placing additional anchors where needed following the standard anchor placement technique.
- Complete the desired repair.

Tactoset® *Injectable Bone Substitute*

Tactoset Injectable Bone Substitute

Item Code	Description
1000040	11G delivery cannula set including: 1 drillable outer cannula with removable drillable stylet; 1 inner cannula for end delivery; 1 inner cannula for side delivery; 1 push rod
6000041	Tactoset material set including: 1 prefilled mixing syringe containing Tactoset powder; 1 glass syringe containing Tactoset setting solution; 4 Luer lock syringes (1 mL); 1 female-female Luer lock connector

Please note that both item codes are needed for each procedure.

Anika offers a comprehensive portfolio of soft tissue anchors in a broad range of size, material, and suture options to address rotator cuff repair and other surgical needs.



Twist PEEK Screw-In Suture Anchors

Fully-threaded design for optimal cortical fixation and reduced risk of “pull-back.” Made of PEEK-OPTIMA, which is non-absorbable, bio-inert, radiolucent, and MR safe.

Twist PEEK Screw-In Suture Anchors w/ Two Suture Tapes		
Part#	Description	Diameter (mm)
11003	Twist, screw-in, suture anchor, w/2, 1.6mm suture tapes (wht/blu & wht/blk)	4.5
11283	Twist, screw-in, suture anchor, w/2, 1.6mm suture tapes (blu, wht/blu)	4.5
11285	Twist, screw-in, suture anchor, w/2, 1.6mm suture tapes (blk, wht/blk)	4.5
11004	Twist, screw-in, suture anchor, w/2, 1.6mm suture tapes (wht/blu & wht/blk)	5.5
11284	Twist, screw-in, suture anchor, w/2, 1.6mm suture tapes (blu, wht/blu)	5.5
11286	Twist, screw-in, suture anchor, w/2, 1.6mm suture tapes (blk, wht/blk)	5.5
11005	Twist, screw-in, suture anchor, w/2, 1.6mm suture tapes (wht/blu & wht/blk)	6.5
Twist SST PEEK Screw-In Suture Anchors w/ One Suture Tape		
Part#	Description	Diameter (mm)
11349	Twist SST, screw-in, suture anchor, w/1, 2mm suture tapes (blu)	4.5
11350	Twist SST, screw-in, suture anchor, w/1, 2mm suture tapes (blk)	4.5
11351	Twist SST, screw-in, suture anchor, w/1, 2mm suture tapes (blu)	5.5
11352	Twist SST, screw-in, suture anchor, w/1, 2mm suture tapes (blk)	5.5



Twist Knotless Screw-In Suture Anchors

Knotless technology provides a step-saving alternative to conventional “knotted” suture anchors and eliminates “knot stacks” associated with soft tissue irritation. Fully-threaded design for optimal cortical fixation and reduces the risk of “pull-back.” Made of PEEK-OPTIMA™, which is non-absorbable, bio-inert, radiolucent, and MR safe.

Part#	Description	Diameter (mm)
11165	Twist Knotless, screw-in, suture anchor, w/ suture passer	4.75
11166	Twist Knotless, screw-in, suture anchor, w/ suture passer	5.5
11167	Twist Knotless, screw-in, suture anchor, w/ suture passer	6.25



For additional information about Tactoset or Anika's suture anchor portfolio, please contact your local sales associate. For complete product information, please visit www.anikaifu.com

1. Data on file, Anika Therapeutics, Inc. 2. Tactoset Instructions for Use. Anika Therapeutics, Inc.; AML 500-335.

Anika Therapeutics, Inc.

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Twist PEEK and Twist Knotless are manufactured by Parcus.
Parcus has joined Anika.

