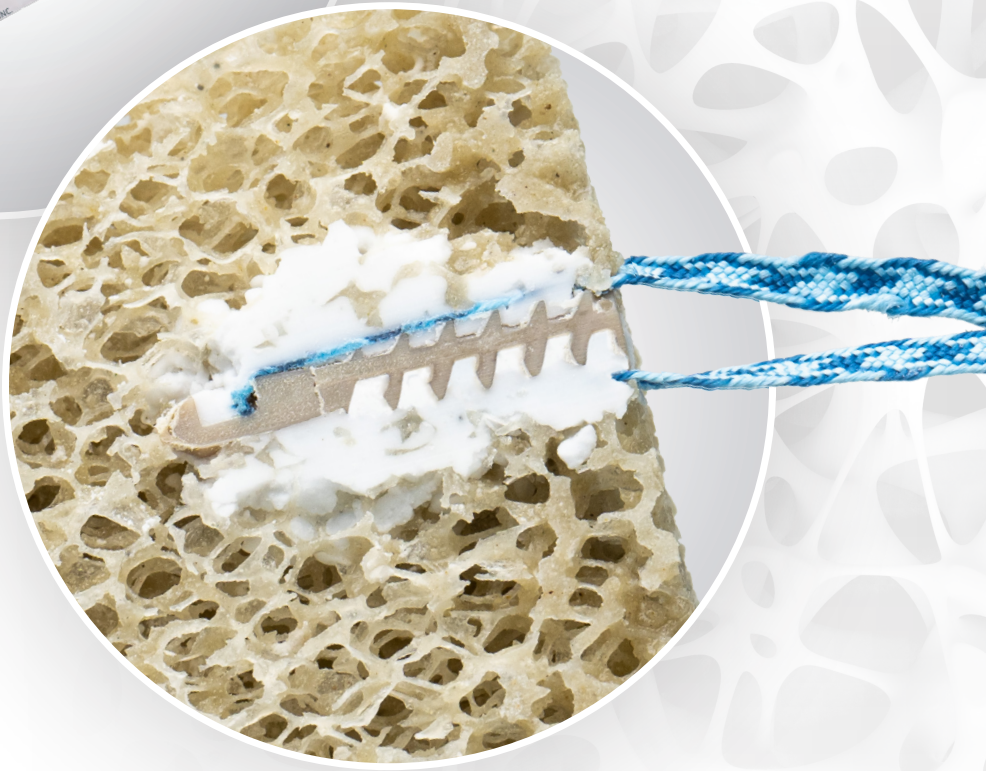


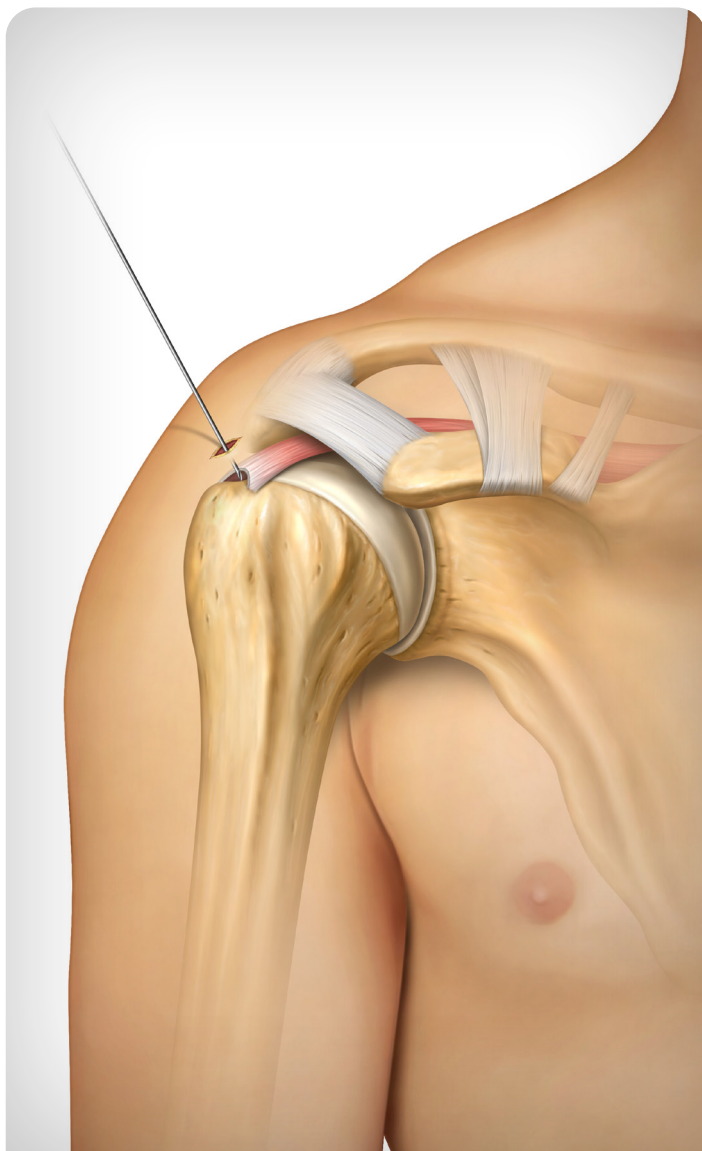
# Rotator Cuff Repair

*Augmentation with Tactoset® Injectable Bone Substitute*

Surgical Technique Guide



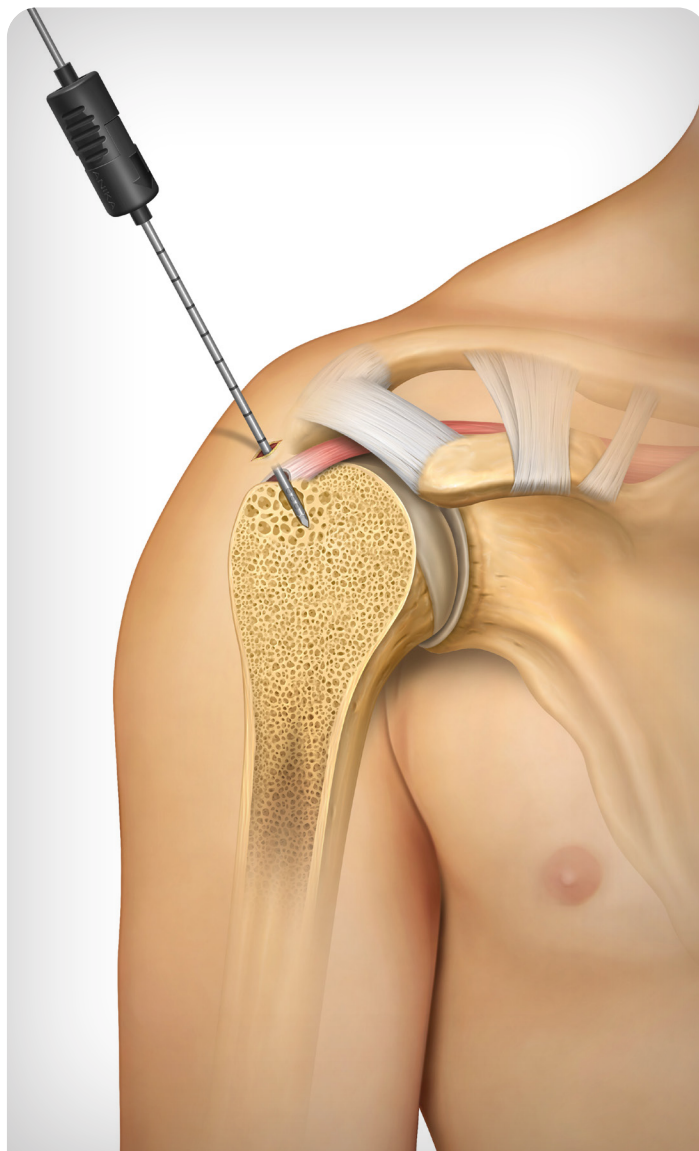
# Rotator Cuff Repair Augmentation with Tactoset® Injectable Bone Substitute



## 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 11Ga Tactoset cannula placement.



## STEP 2

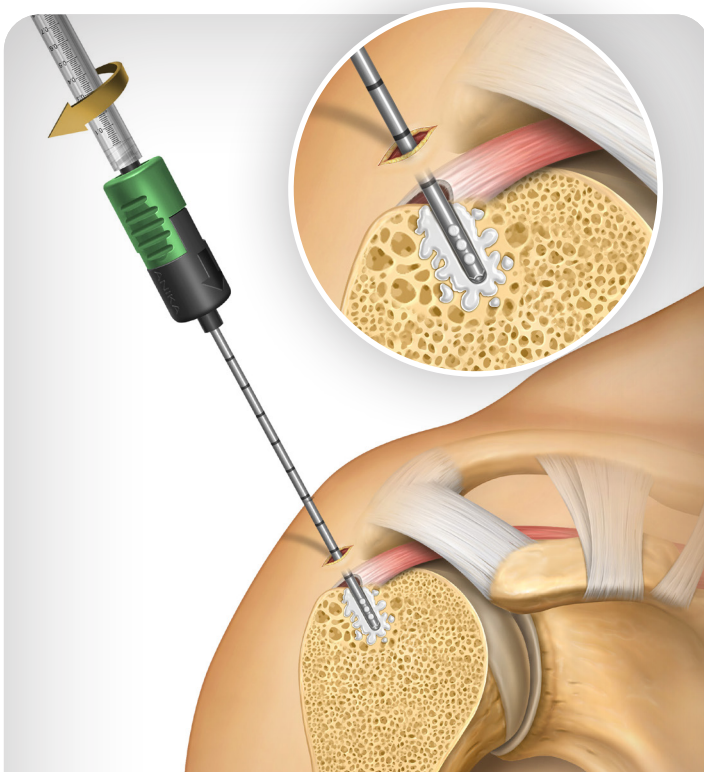
Under power, drill the 11Ga cannula to the approximate depth of the selected anchor using the laser lines as guidance. Avoid multiple drill attempts as this could result in extravasation of the material.

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 11Ga 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.

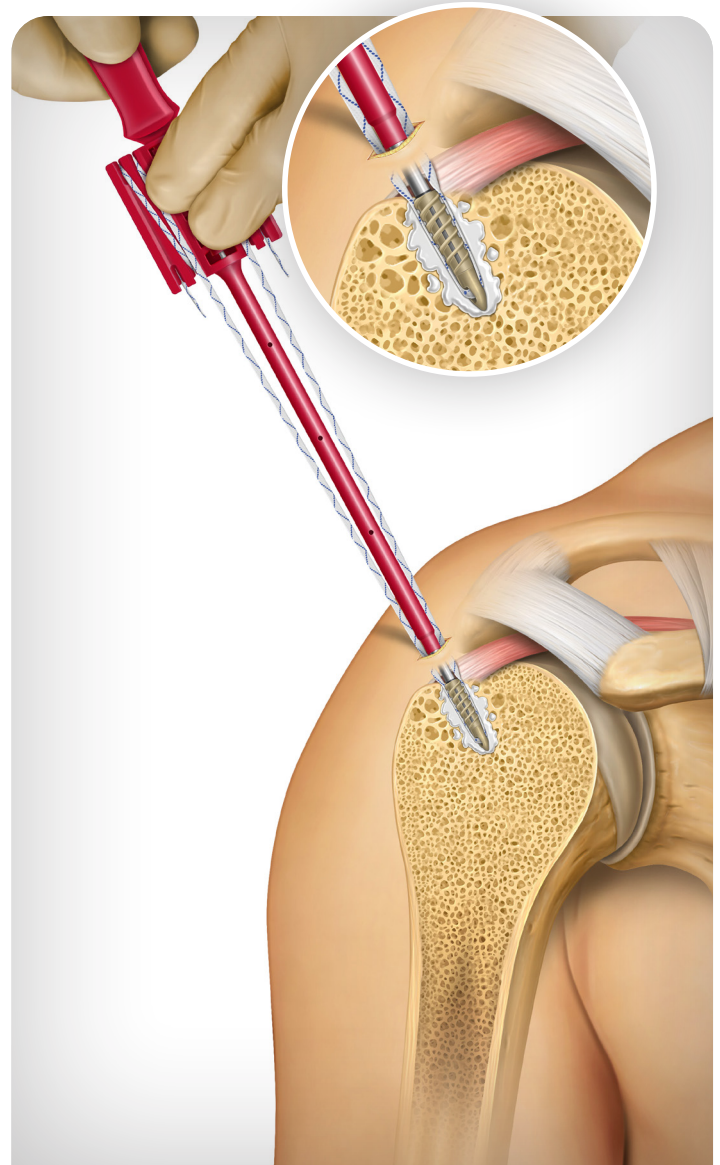
**Note:** Inject Tactoset at desired timepoint between 7 and 18 minutes. It is recommended to use the side-delivery inner cannula, while twisting in a 360-degree motion, to fill the defect or region proximal to the desired anchor placement. The side delivery cannula can also be oriented to target specific 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, it is recommended to leave the cannula in place for at least 2-3 minutes prior to removing.

**Note:** Monitor to avoid extravasation, as the material will harden in approximately 10 minutes at body temperature.

**Note:** After removing the cannula, 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.

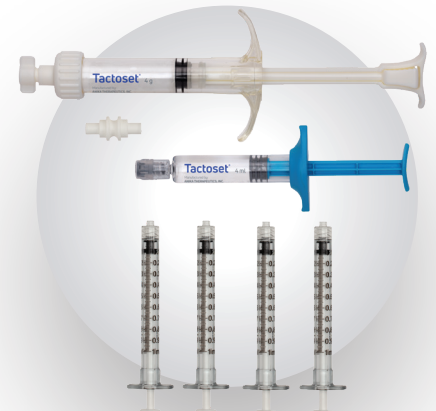
# Tactoset<sup>®</sup> Injectable Bone Substitute

## Tactoset<sup>®</sup> Injectable Bone Substitute

Part Number	Description
1000040	11Ga delivery cannula set including: one drillable outer cannula with removable drillable stylet, one inner cannula for end delivery, one inner cannula for side delivery, one push rod
6000041	Tactoset material set including: one prefilled mixing syringe containing Tacoset powder, one glass syringe containing Tactoset setting solution, four 1mL Luer lock syringes, one female-female Luer lock connector
6000151	Marrow Cellulion Bone Marrow Aspiration Needle set including: one introducer needle with sharp stylet, one aspiration cannula, one 11Ga blunt stylet, one 10 mL syringe

Please note that both the Tactoset material kit item code and the delivery cannula item code 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.



## X-Twist<sup>™</sup> Fixation System

X-Twist <sup>™</sup> PEEK Screw-In Suture Anchors				
Part #	Diameter (mm)	Length (mm)	Description	Material
XT24700	4.75	23	X-Twist PEEK 4.75mm, w/one #2 suture (blu/wht)	PEEK
XT24702	4.75	23	X-Twist PEEK 4.75mm, w/two 1.6mm suture tapes (blu, blu/wht)	PEEK
XT24703	4.75	23	X-Twist PEEK 4.75mm, w/two 1.6mm suture tapes (blk, blk/wht)	PEEK
XT25500	5.5	23	X-Twist PEEK 5.5mm, w/one #2 suture (blu/wht)	PEEK
XT25502	5.5	23	X-Twist PEEK 5.5mm, w/two 1.6mm suture tapes (blu, blu/wht)	PEEK
XT25503	5.5	23	X-Twist PEEK 5.5mm, w/two 1.6mm suture tapes (blk, blk/wht)	PEEK
XT26200	6.25	23	X-Twist PEEK 6.25mm, w/one #2 suture (blu/wht)	PEEK
X-Twist Biocomposite Screw-In Suture Anchors				
Part #	Diameter (mm)	Length (mm)	Description	Material
XT44700	4.75	23	X-Twist Biocomposite 4.75mm, w/one #2 Suture (blu/wht)	Biocomposite
XT44702	4.75	23	X-Twist Biocomposite 4.75mm, w/two 1.6mm Suture Tapes (blu, blu/wht)	Biocomposite
XT44703	4.75	23	X-Twist Biocomposite 4.75mm, w/two 1.6mm Suture Tapes (blk, blk/wht)	Biocomposite
XT45500	5.5	23	X-Twist Biocomposite 5.5mm, w/one #2 Suture (blu/wht)	Biocomposite
XT45502	5.5	23	X-Twist Biocomposite 5.5mm, w/two 1.6mm Suture Tapes (blu, blu/wht)	Biocomposite
XT45503	5.5	23	X-Twist Biocomposite 5.5mm, w/two 1.6mm Suture Tapes (blk, blk/wht)	Biocomposite
XT46200	6.25	23	X-Twist Biocomposite 6.25mm, w/one #2 Suture (blu/wht)	Biocomposite



For additional information about Tactoset or Anika's suture anchor portfolio, visit [www.anika.com](http://www.anika.com) or contact your local sales representative. For complete product information, please visit [www.anikaifu.com](http://www.anikaifu.com)

\*For instructions for mixing with BMA, see instructions for use or visit [www.anikaifu.com](http://www.anikaifu.com)

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

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[www.anika.com](http://www.anika.com) | Anika. Restore Active Living.<sup>®</sup> | Stay Active<sup>®</sup>

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