

Tactoset[®] Injectable Bone Substitute

Mixing Instructions

Step 1 Unpacking

- Open packaging and transfer contents to the sterile field using sterile technique.
- Loosen stopper on each 1 mL syringe by pulling plunger rod back slightly to break seal.

Step 2 Assembly

• Remove the cap from the prefilled mixing syringe containing the powder (do not discard).



- ----- **Remove the cap** from the glass syringe.
- Using a female-female Luer lock connector, attach the glass syringe containing the setting solution to the mixing syringe containing the powder.

Step 3 | Mixing

- Hold the syringes vertically with the glass syringe on top. **Inject entire contents of setting solution** into the mixing syringe containing the powder. **Pull back** powder syringe plunger rod to ensure contents are fully transferred.
- Plunger rod sleeve e Untegrated mixing handle
- **Start timer** as soon as powder and setting solution make contact.
- Remove the solution syringe and Luer lock connector (do not discard). **Recap** the mixing syringe.
- Remove the plunger rod sleeve **(do not discard)** and use the integrated mixing handle to mix the solution and powder by pressing the handle in and out of the material from top to bottom, and rotating the handle if necessary.
- Mix for 1 minute to ensure complete mixing.

Step 4 | Loading injection syringes

- **Reattach** the plunger rod sleeve over the integrated mixing handle. Remove tip cap and attach a Luer lock connector to the mixing syringe. **Expel residual air** from the mixing syringe until a small drop of Tactoset is ejected.
- Attach a 1 mL Luer lock syringe. **Hold and pull back** on the plunger rod of the 1 mL syringe to aid in transferring Tactoset material. Fill to 0.9 mL. **Do not overfill**.
- Fill and repeat as needed with remaining syringes.



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Timing Notes

Start timer as soon as powder and setting solution make contact

Minute 0-1 Mixing
 Mix powder and solution continuously for 1 minute
Minutes 1-7 Fill syringes & wait
 Fill the provided 1 mL syringes to 0.9 mL Wait to inject until at least minute 7
After Minute 7 Injection
 Inject Tactoset at desired timepoint after 7 minutes Continue checking material for paste-like consistency to ensure injectability
Inject at surgeon's desired consistency
Apply continuous pressure when injecting
 Inspect for extrusion and remove any excess material within 2 minutes following implantation

Ordering Information

Item Code	Description
1000040	Medium bone 11Ga 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
4000050	Small bone 15Ga delivery cannula set including: 1 drillable outer cannula with removable drillable stylet; 1 push rod
6000041	Tactoset material set including: 1 prefilled mixing syringe containing Tacoset powder; 1 glass syringe containing Tactoset setting solution; 4 Luer lock syringes (1 mL); 1 female-female Luer lock connector

Please note that both the Tactoset material kit item code and one of the delivery cannula item codes are needed for each procedure.

For complete product information, please visit http://www.anikaifu.com/

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Anika Therapeutics, Inc. 32 Wiggins Ave, Bedford, MA 1-888-721-1600 www.anikatherapeutics.com