

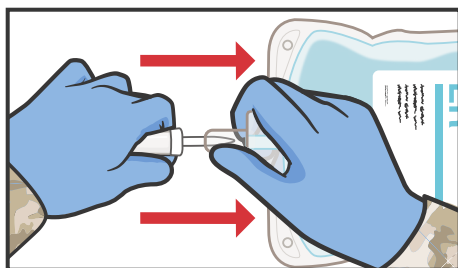
STERNAL INTRAOSSEOUS (FAST1® IO)



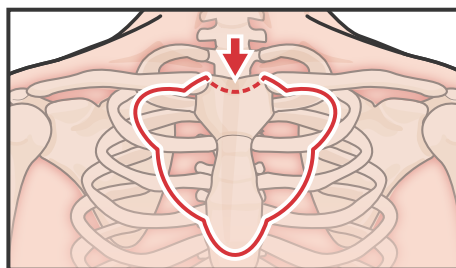
CONSIDER body substance isolation.

NOTE: If a Combat Lifesaver is available, direct them to assist.

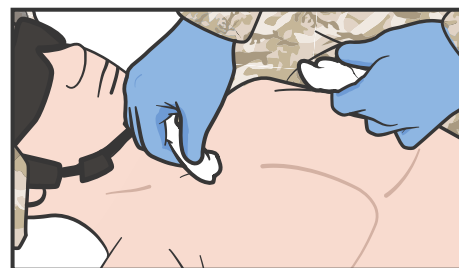
01 GATHER, PREPARE, and INSPECT equipment.



02 SPIKE intravenous (IV) bag and properly prepare IV tubing.



03 LOCATE suprasternal notch landmark.



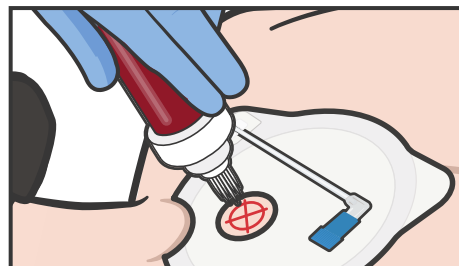
04 CLEAN site with alcohol or povidone-iodine pad.



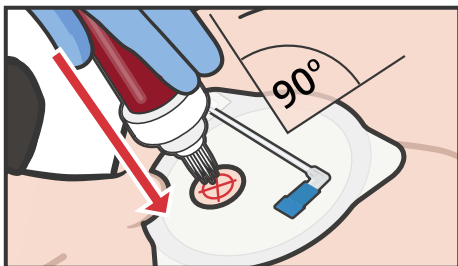
05 REMOVE top half of target patch backing first, place target patch at the landmark, and remove bottom half of the target patch backing.



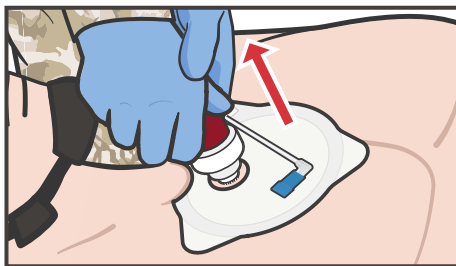
06 RECHECK the location of the target patch by verifying that the target zone is on the midline over the manubrium.



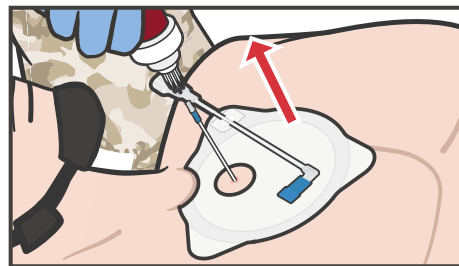
07 REMOVE the cap from the FAST1 device and place the bone needle cluster into the target zone of the target patch.



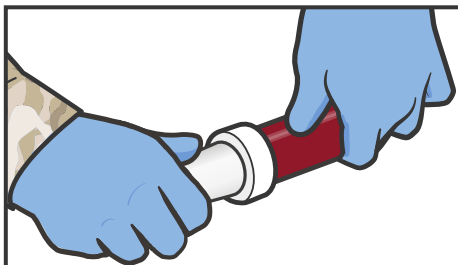
08 MAINTAIN the introducer perpendicular to the sternal surface.



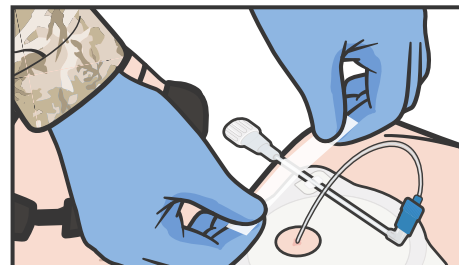
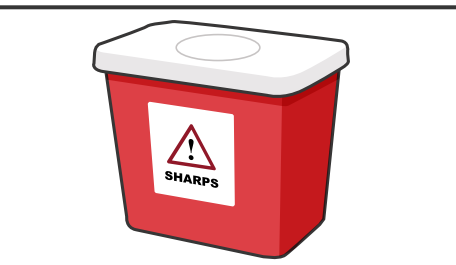
09 APPLY increasing pressure along the introducer axis until release is felt and heard.



10 GENTLY remove the introducer by pulling straight back.



11 PUSH the needles of the introducer into the accompanying sharps foam plug, reattach the sharps protection cap to secure the needles, and dispose of in a sharps container.

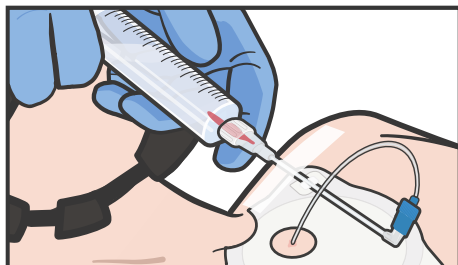


12 CONNECT the infusion tube to the right-angle connector on the target patch.

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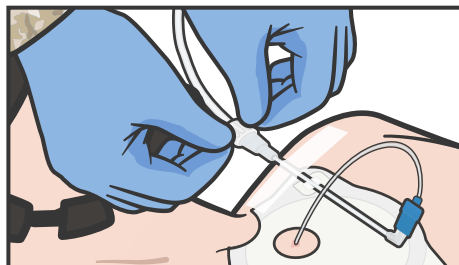
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13 CONNECT the syringe, aspirate to confirm needle is in the marrow (should see flash of blood-tinged material) and flush the infusion tube with 5 ml of sterile IV solution.

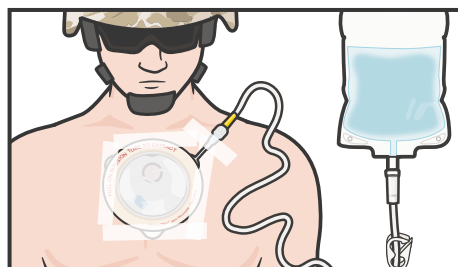
NOTE: This is necessary to flush the bone plug or any obstructing tissue.



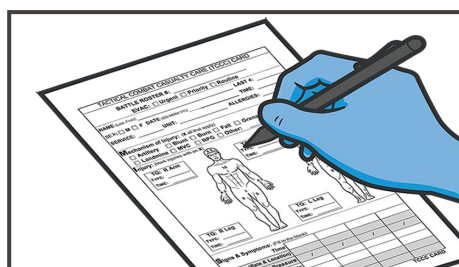
14 CONNECT the IV infusion tubing and initiate flow of fluids.



15 ATTACH the protective dome to the target patch and secure with tape.



16 ADMINISTER IV fluids and/or medications as needed.



17 DOCUMENT all findings and treatments on a DD Form 1380 TCCC Casualty Card and attach it to the casualty.