

STEPS FOR BLOOD DRAW

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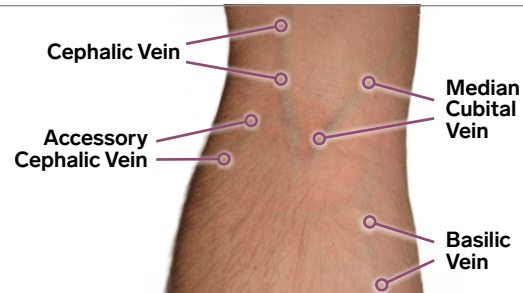
Gather blood collection materials provided in ActiGraft System

- Sterile gloves
- Blood draw needle
- 18" tourniquet
- ACD-A tube(s)
- Alcohol pad
- Needleless blood transfer set
- Gauze pad
- Bandage

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Select a vein

- 1st choice: Median cubital vein (inner elbow crease)
- 2nd choice: Cephalic vein
- 3rd choice: Basilic vein
- 4th choice: Metacarpal veins (top of hand)



For Invisible Veins:

- Apply a warm compress to the target vein for a few minutes to help dilate the vein and make it more visible and accessible
- Have the patient hold their arm straight down for a few minutes allowing blood to fill veins

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Secure tourniquet

- Place 3-4 inches above targeted venipuncture site
- Ensure tourniquet is tied using a quick release knot

IMPORTANT!!!

- Tourniquet should not be tied in place longer than 60 seconds
- If you need to reapply the tourniquet, release it completely, wait a couple minutes, and then reapply

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Instruct patient to make a gentle fist

DO NOT PUMP FIST

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Cleanse the venipuncture site

- Cleanse skin with alcohol pad in an outward circular motion
- Allow site to dry completely to avoid stinging or hemolysis

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Anchor vein using non-dominant hand

How to anchor a vein

Place thumb about 1-2 inches below the intended puncture site and gently pull the skin taught toward the wrist. This will stabilize the vein, preventing it from rolling and helps ensure a smooth and accurate needle insertion.

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Hold the needle bevel-side up and insert into the vein at a 15°-30° angle

**Look for the flash!**

The “flash” is the appearance of a small amount of blood in the clear hub of the needle; this is a sign that the needle has successfully entered the vein

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Gently invert the collection tube(s)

- Invert collection tube(s) 3-4x's to allow anticoagulant to coat the inside of the tube(s)

Failure to coat the inside of the collection tube can lead to premature coagulation of the blood inside the tube making it difficult or impossible to transfer to the syringe

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Connect collection tube

Immediately after blood begins to flow into the collection tube

RELEASE THE TOURNIQUET

- Actigraft Plus: (2) 10ml tubes
- Actigraft Pro: (1) 20ml tube

Gently invert the tubes 5-8 times to ensure proper mixing of blood with anticoagulant

Procedure Note:

- The collection tube should only be connected AFTER the needle has been properly inserted into the patient's vein and the “flash” is observed
- DO NOT attach the collection tube to the needle hub prior to the venipuncture
- Attaching the tube before the needle insertion will release the vacuum pressure within the collection tube, rendering it non-functional for blood collection

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Remove the needle

- Remove needle by placing a folded piece of gauze over venipuncture site and ask patient to hold gently in place
- Dispose of needle immediately into proper receptacle

Folding is important

Folding the gauze into a thicker pad and applying firm pressure is more effective at stopping the bleeding and preventing complications than simply laying a single later of gauze or bending the arm

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Place the provided bandage over folded gauze and secure in place

For questions about the ActiGraft System or collection process, please contact your Legacy Medical account representative.

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