Proper SPIKING Technique
Fenwal BLOOD-PACK® Unit

Spike Insertion

Note: Do not advance the spike too far (over spiking)

Note: When inserting the spike into the port, do not twist more than a 1/4 turn.

1. Using the nondominant hand, grasp the port at the site of the folded port protector. This stabilizes the port during spiking.

2. Using the dominant hand, grasp the blood set below the tip of the spike. Remove the cap.

3. Insert the spike firmly into the bag port, up to the septum in the port. Pierce the septum, but do not over spike: push the spike, twisting it clockwise no more than a ¼ (90º) turn.
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Spike Removal

Note: When inserting the spike into the port, do not twist more than a 1/4 turn at a time.

1. Using the nondominant hand, grasp the port between thumb and index finger.

2. With the dominant hand, grasp the spike.

3. Loosen the spike: begin pulling the spike, twisting it counterclockwise no more than a ¼ (90°) turn at a time.

4. Continue to twist the spike in 1/4 (90°) turn motions as you pull.

5. When the spike has loosened from the port, pull the spike straight out to remove it.

Troubleshooting & Tips:

- When spiking the container, be sure to hold the spike so that it is centered and parallel to the port when inserted.
- To avoid puncturing the container, the port and spike should be parallel.
- Do not over spike. Over spiking will result in the inability to remove the set.
- Do not twist the spike more than ¼ (90°) turn when spiking the port.
- Always remove the spike using ¼ (90°) turn motions.
- Twisting the spike more than ¼ turn at a time will result in coring the membrane, which can result in the plastic piece floating in the blood component.
- Avoid Pulling the spike in a straight downward motion as this will result in the tightening of the port on the spike.