

VenaPulse®

HANDS-FREE AUGMENTATION DEVICE

for venous evaluations



Instructional Presentation



Step 1

Apply the tourniquet cuff snugly to the limb. Snug (not tight) application ensures rapid pressure rise times.

The blue cuff can be wrapped anywhere along the patient's leg.



or



****Patients can be in sitting, standing, or reverse trendelenburg positions. The device is simply designed to replace manual augmentations.****



Step 2

Attach the tubing set's black connector to mating connector on the VenaPulse[®] device controller. Either side can be used.



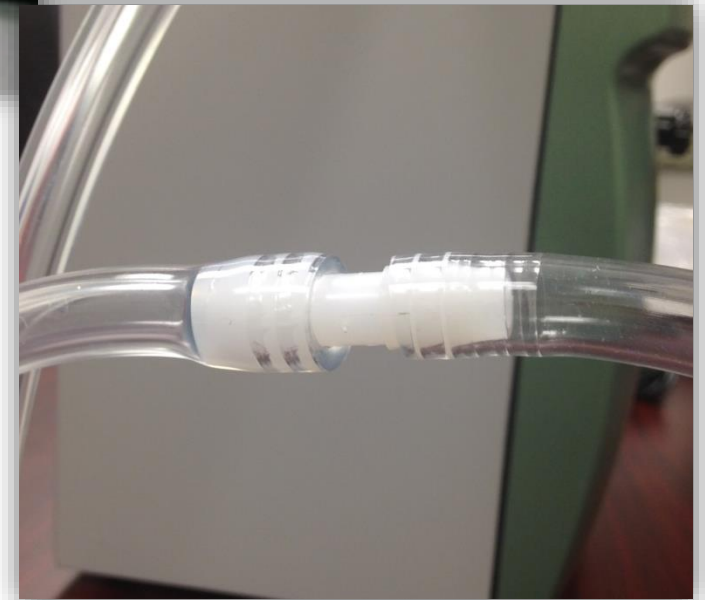


Step 3

Connect the barb fitting to the tourniquet cuff on the patient. Two cuffs can be simultaneously inflated when connected to either side of the VenaPulse[®] device controller



Connecting the foot cuff

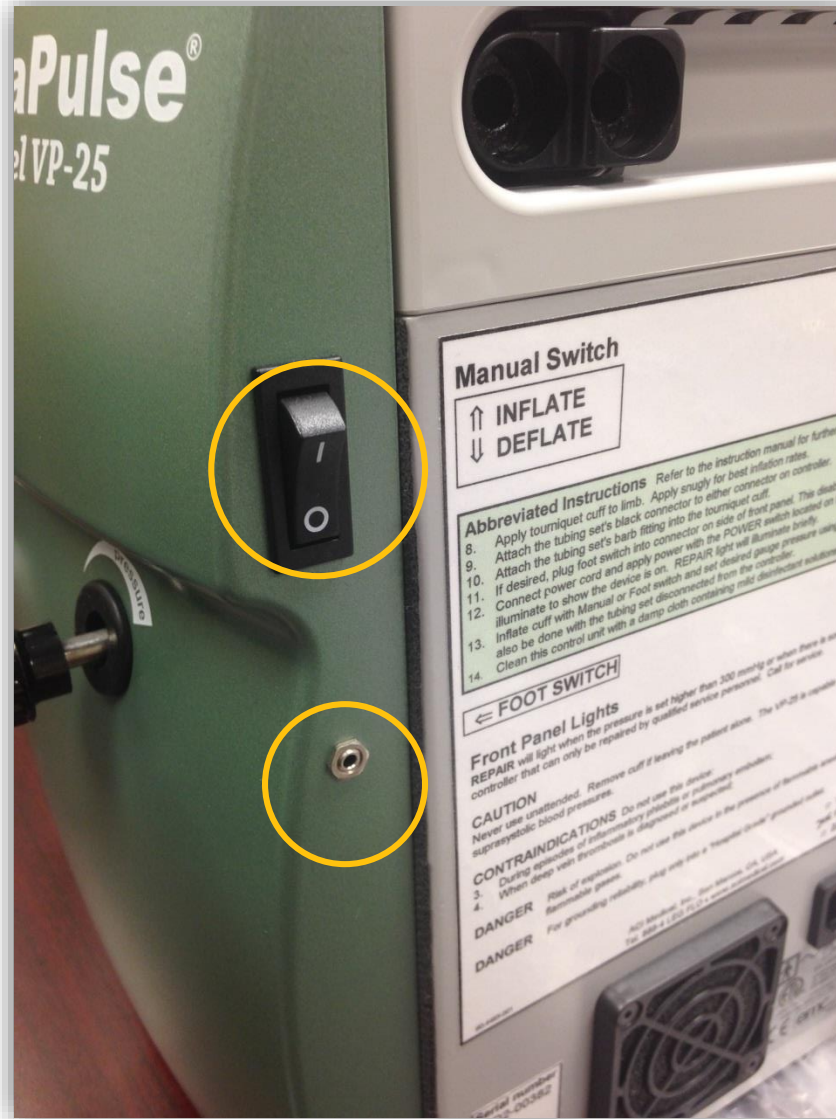


Connecting the blue cuff

Step 4

If desired, plug the foot switch into the connector on the side of the front panel, below the manual switch. This disables the manual switch.

Place the manual switch in the deflate position when the foot switch is not connected. This prevents air from possibly escaping if the cuff is not yet connected.



Place manual switch in “DEFLATE” position when the foot switch is not connected

Step 5

Turn the VenaPulse[®] device on using the power switch on the front panel. It will illuminate when power is on. A REPAIR light will briefly illuminate to show that the alarm light is functional.

Power switch



Step 6

Set the desired pressure. The pressure will be displayed as shown.

Most technologists set pressures between 80 and 120 mmHg.

This may also be done with the tubing set disconnected from the controller.

Setting the pressure too high will cause the device to alarm and shut off automatically.



Turning the knob to the right increases the pressure; turning it to the left decreases.

Increase



Decrease



A Few Useful Tips



1. Match each patient to the correct cuff

- The **blue** cuff is ideal for patients of all sizes and in any position
- The patented **black** foot cuff is ideal for regular- to large-sized patients with ample blood volume in the foot. The patient should be in a relaxed position with the foot dangling.

2. Consider the Refill Time

- We recommend waiting at least 15 to 20 seconds between augmentations to allow the patient's blood to fill the area once again.
- Remember to firmly hold the foot switch down for 2 seconds to ensure a good augment.

A Few Useful Tips (continued)



3. Encourage consistent charting

- Take note of the pressure used on the VenaPulse® device in the patient's file for consistency from one exam to the next

4. Take care of yourself!

- In a recent survey, 84% of diagnostic medical sonographers said they suffered from some sort of injury.
 - ✦ *“Sonographer occupational musculoskeletal disorders: What are they and how can they be prevented?” Sound Ergonomics, LLC and Biodex Medical Systems, Inc.*

Happy Augmenting!



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For questions and assistance with the VenaPulse® device, please call or email ACI Medical:

- Toll free (888) 453-4356
- info@acimedical.com

accuracy ▶

efficiency ▶

mobility ▶

comfort ▶