

Augmentation Device for Venous Insufficiency Exams |ACI Medical

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Lending an extra hand for venous exams

The VenaPulse® Hands-Free Augmentation Device provides a portable and ergonomic advantage for vascular technologists performing exams on patients with venous insufficiency.

Get consistent, reproducible augments without the bending, twisting, and repetitive motions that may lead to injury. Save time (and your back) as you efficiently scan!

Each system comes with the following accessories needed to get started right away:

- Foot switch
- Two inflation cuffs (one calf cuff and one patented foot cuff)
- Two tubing sets
- Power cord
- Operation & service manual

***Please note that patients may be in a standing, sitting, or reverse Trendelenburg position while the VenaPulse® device is applied. The device is simply designed to replace manual augmentations.**

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New for the VenaPulse® device

The new patented foot inflation cuff allows technologists visual augmentations in the sapheno-femoral junction



Indications for use

- Distal augmentations
- Proximal augmentations
- Vein mapping
- Locating suitable distal vessel for bypass
- Quantification of venous flow
- Reflux measurements of specific venous valves

Portable

Even in clinics with multiple exam rooms, the VenaPulse® device is easily carried to wherever it's needed. Its compact, integrated design provides vascular technologists with simplicity and convenience.

Efficient

The VenaPulse® device's primary purpose is to increase efficiency in vascular labs by eliminating the need for a second technologist to do hand augmentations. By using the foot switch to perform augmentations, one tech is all that is needed to perform a venous exam. Furthermore, the device controller's bilateral capability can make an exam fly by.



Technologists also have the option of placing an inflation cuff anywhere along the patient's leg.

Reliable Augmentations

By generating static, tourniquet pressure to limbs of patients undergoing vascular testing, a vascular technologist can perform exams without worrying about variance in augmentation pressure.

The VenaPulse® device's tourniquet pressure is reached very rapidly and the tourniquet cuff is deflated very rapidly: approximately 300 millisecond rise and fall times. Inflation and deflation can be controlled either with a foot switch or with a manual switch. The pressure can be set between 0 and 240 mmHg (the factory default is 120 mmHg).

Safety alarms are in place to ensure safe operation.

Clinically Evaluated

The VenaPulse® device is an effective replacement for manual augmentations: “[Prospective comparison of the pneumatic cuff and manual compression methods in diagnosing lower extremity venous reflux](#)” S.K. Kakkos, et al. *Vascular and Endovascular Surgery*, Vol. 43 No. 5: pp. 480-484

Contraindications

- Acute deep vein thrombosis
- Thrombophlebitis
- Hot, swollen and tender leg

Purchasing

All accessories are included with purchase from ACI Medical. Please fill out the form below to get a quotation. Pricing is subject to change.

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