The APG® Air Plethysmograph

Providing Answers to Venous Disease
Diagnosis & Quantitation of Venous Pathology

- For patients with serious chronic venous conditions
- Indicates how much REFLUX (in ml/sec) is present in the deep or superficial veins
- Indicates if there is chronic venous OBSTRUCTION
- Measures CALF MUSCLE PUMP FUNCTION as an ejection fraction
- Measures the Ambulatory Venous Pressure NON-INVASIVELY
- Are superficial veins acting as important OUTFLOW COLLATERALS?

The APG® Air Plethysmograph predicts that surgical intervention would bring the patient closest to the normal amount of reflux.

With the APG® device, both physicians and patients can rapidly come to an educated decision for treatment.

The APG® device quantifies the severity of venous disease.

Measurements can be made over medical compression stockings to determine their effect.

Correction of APG® device values improves the long-term prognosis.
APG® device measurements of chronic venous obstruction and identification of important outflow collaterals indicate the importance of sparing these veins.

**Therapeutic Guide**

- Should the patient be treated conservatively or surgically?
- Will compression therapy be effective?
- How can important superficial collaterals be identified and their removal avoided?
- What is the quantified effect of the selected therapy on venous hemodynamics?
- What is the long-term prognosis?
- How effective is thrombolytic therapy?

Limbs with deep venous reflux and good calf muscle pump function respond well to reconstruction. Limbs with poor calf pump (low ejection fraction) do not.

The APG® device easily identifies these patients and provides objective post-operative and long-term follow-up.
APG - 1000C Vascular Lab System

Automatic calculations and record keeping

◊ Intuitive menu-driven operation

◊ Quiet ink-jet printer

◊ Mobile, four shelf cart

References

Please contact ACI Medical for the full list of references.

We go further than just diagnostics...

ACI Medical also offers a full line of diagnostic and therapeutic devices. All are held to the highest of standards and all are supported by clinical studies.

Call, email, or visit us online to learn how we can help you.

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