

VascuTherm: VTE Prophylaxis / Treatment for Pain, Edema, & Lymphedema

A national Durable Medical Equipment company, Associated Medical offers innovative technologies to the patients of healthcare providers. Our services extend post-op care from hospital and outpatient facility to the home. Our technologies positively impact patient outcomes, reduce discomfort, and decrease frequency of post-op complications. We act as a bridge between patient and provider, enhancing the patient's overall experience and recovery. Associated Medical supports all healthcare specialties.



Exceptional Simplicity

We offer orthopedic surgeons, hospitals, and related providers an insurance-covered device that improves post-op pain and inflammation management. The VascuTherm line of equipment treats edema, lymphedema, and pain by enhancing patient compliance with exceptional ease of use. Patients benefit by regulated, electronically-controlled cooling (43-50F) and rapid-inflation intermittent pneumatic compression (IPC) in a safe, portable package. There is no ice, very little maintenance, and extremely strong reliability and patient support. Patients at risk of venous thromboembolism (VTE), including deep vein thrombosis (DVT) and pulmonary embolism (PE), utilize mechanical compression as an adjunct or in place of pharmacological prophylaxis.

Safety & Outcomes

By treating inflammation, reducing metabolic rate, decreasing hypoxia, and eliminating the management of ice, providers report faster recoveries and reduced opioid consumption. Nearly all patients achieve improved pain management which is exceptional given the risks of addiction, diversion, general malaise, and respiratory suppression. IPC is now standard of care in-hospital; we extend IPC as a multimodal at-home therapy for non-pharmacological VTE prophylaxis. Use of IPC has been shown to be effective and to reduce the risk of bleeding and hematoma.

Complete Integration

We deliver the equipment and train patients in advance of surgery at home. Machines and wraps are available at the surgicenter/hospital. Surgeons place the wrap on the patient at the end of the case or in the ASU/PACU. Therapy can begin in-hospital for same-day or overnights, and patients continue therapy upon discharge at home. Machines are programmed in advance per the surgeon's instruction. We handle all the billing and extensively support both surgeon and patient. We make it seamless and easy for patients to have the best postsurgical care.

Philosophy of Prevention

Associated Medical believes in treating the whole patient. Our company has forged strong partnerships with affiliated physicians and hospitals. Surgeons who prescribe the VascuTherm frequently receive glowing testimonials and report exceptional clinical efficacy. Chronic illnesses are the primary disease burden in the U.S. Reducing medication load and complications due to surgery is good for the patient and healthcare as a whole. Integrative, multimodal medicine reduces risk, reduces cost, and makes a difference in peoples' lives. Videos@ assocmed.com.

Associated Medical, Inc.

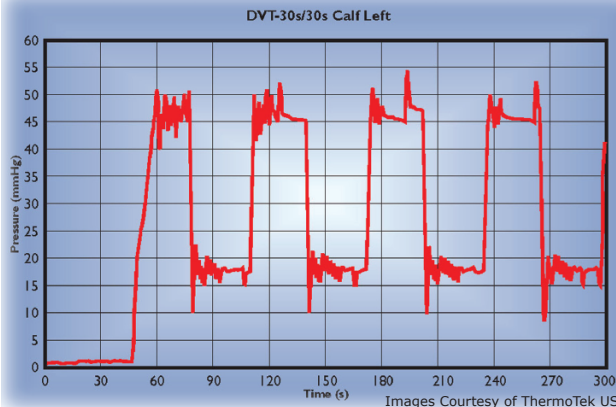
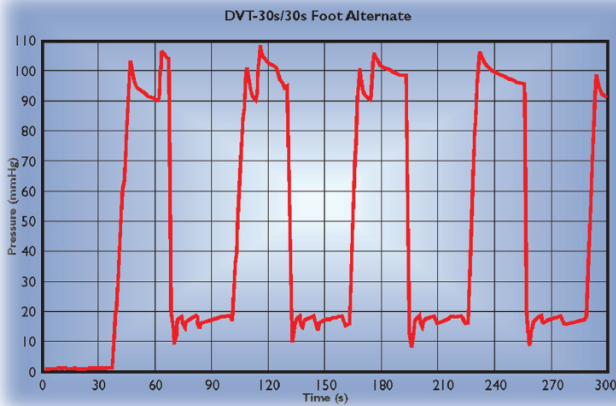
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Multi-Modal Therapies Powerful Orthopedic Treatments



Indications:

- **Edema:** Facilitates treatment of edema resulting from soft tissue injuries, sprains, surgery.
- **Lymphedema:** Facilitates treatment of vascular or lymphatic insufficiency, venous stasis ulcers, post-mastectomy edema, and chronic and surgical lymphedema.
- **Pain:** Thermal therapy for pain management.
- **Venous Insufficiency / VTE prophylaxis:** Sequential rapid inflation/deflation pneumatic compression: Standard IPC calf or foot compression. AI treatment available.
- **Cutaneous Ulceration:** Rapid inflation/defl. to encourage arterial blood flow to wounds.

Treatment Modalities:

- **Compression Therapy:** Alternating, intermittent programmable compression, 15-35 mmHg.
- **Thermal Therapy:** Cold: 43°F to 50°F | Heat: 105°F
- **Contrast Therapy:** Automatic cold to heat alternation. 20min at 49°F, 10min at 105°F, repeating continuously.
- **DVT Prophylaxis:** Calf: Cycles at 55 mmHg | Foot: Cycles at 100 mmHg
- **Wraps:** Non-latex, single-patient-use and sterile available for all body parts.

Costs:

- **Provider:** Physicians generally incur no cost for equipment or service, except via DMEPOS.
- **Patient:** Patients may bear some cost for in and/or out of network home-care services, via co-pay, or via separate arrangement. Patient costs are confirmed in advance. Associated Medical strives to treat each and every patient irrespective of coverage limitations.

Studies have shown that intermittent pneumatic compression (IPC) reduces the risk of morbidity and mortality associated with deep vein thrombosis (DVT) and pulmonary embolism (PE) following surgery and further avoids complications associated with chemoprophylaxis including bleeding and infection risks. Clinical data for IPC compression, cryotherapy, DVT prophylaxis available upon request. Associated Medical is strongly interested in partnering with providers for clinical trials and studies.

Features:

- Solid State Cooling/Heating (No Ice)
- Programmed for set On/Off times
- Temperature, Compression Control
- In-home DVT Prophylaxis
- Reduced risk of tissue damage
- 20+ joint-specific wraps designed for reliability and consistent performance

Vascutherm System Specs:

- Weight: 15 Ibs.
- Dimensions: 5.25" W, 8.75" H, 14.25"D
- Hose: 7 ft. Power Cord: Hospital Grade
- Power: 110VAC, Safety:UL Medical Listing
- FDA 510K • Fluid: 90% H2O, 10% ISA

How It Works

1. Fax prescription, if possible notify patient of script.
2. We contact patient and setup delivery and training.
3. We notify surgery center and confirm delivery.
4. Wraps delivered to surgicenter or to patient at home.
5. We follow up with patient throughout recovery.
6. Script is extended if required.
7. We retrieve or provide UPS airway bill to patient.
8. We handle all processing, billing, and patient support.

Common Utilization

- Ankle, Knee, Hip Arthroscopies - 10-14 days
- Shoulder Arthroscopies - 14 days
- Intensives (ACL, RCR) - 14-28 days
- Total Joint Arthroplasties - 14-28 days
- Elective Hip Surgeries - 14 days
- Spinal Surgeries - 14-21 days
- Wrist, Hand - 5-10 days
- DVT Prophylaxis - as prescribed

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