

VascuTherm® 5

Thermal Compression & DVT Therapy



**Thank you for your service,
now let us serve YOU!**

Complete therapy for a better recovery

“Our greatest privilege as a Company is to care for every U.S. Veteran who has selflessly served to defend our freedom and security around the world.”

Randy Chatman
CEO - ThermoTek

Cold (or Heat) Therapy for post-operative recovery

The VascuTherm 5 incorporates solid-state, thermoelectric technology that eliminates the need for ice during post-surgical pain management, which significantly decreases the risk of thermal tissue damage.

Compression for post-operative edema

The VascuTherm 5 treats your patient's post-operative edema through three programmable alternating compression settings.

DVT Prophylaxis to prevent blood clots

The VascuTherm 5 integrates DVT prophylaxis therapy to reduce the risk of developing a blood clot post-operatively in the hospital or while recovering at home.



Components

- + The VascuTherm 5 Control Unit
- + Carry Case
- + 7ft Umbilical Hose
- + Thermal/Compression Wrap

How It Works

- + Temperature controlled fluid circulates from the device to the wrap placed over the injury site
- + The device periodically inflates the same wrap to deliver compression therapy
- + Separate DVT therapy wraps provide simultaneous compression therapy in sequence with a thermal/compression wrap via a patented protocol

Therapies

- + Thermal Therapy
 - Cold 43F-49F
 - Heat 100F-105F
- + Compression Therapy
 - Low 15 mmHg
 - Med 30 mmHg
 - High 50 mmHg
- + DVT Therapy
 - Calf 45 mmHg
 - Foot 100 mmHg

NOTE: Federal law restricts this device to use by or on the order of a licensed medical practitioner. Follow the prescribed instructions of your medical practitioner for therapy mode, treatment area, duration and frequency of treatment. Patents: www.thermotekusa.com/patents



Backed by 30 years of experience with thermoelectric and precision engineering, ThermoTek offers advanced solutions that support post-surgical recovery and scientific thermal management. We pride ourselves on delivering high-quality dependable products that directly address our customers' needs.



BETTER THAN ICE™



Think Customer

Drive simplified solutions



Enable Change

Challenge the status quo



Alignment

One team, one direction



Empowerment

Own it, do it right



Sustainability

Accelerate design and development

VascuTherm® 5

Coordinated Compression & DVT Therapy

The Clinical Standard for Post-Operative Care

- + Intermittent compression is important to reduce post-surgical/injury edema while DVT therapy reduces the formation of blood clots
- + Combines thermal compression and DVT prophylaxis into one integrated therapy
- + The VascuTherm is the only product that coordinates intermittent compression and DVT therapy



Similar products may offer DVT therapy, however, these systems do not coordinate therapy delivery, often resulting in over compression and limited DVT therapy effectiveness.

Using the VascuTherm 5 assures the patient receives the most effective DVT therapy to help prevent a possible life threatening DVT.

VT5: DVT Prevention

- + The VascuTherm 5 integrates pneumatic compression at the calf to stimulate the flow of blood from the lower extremities back to the heart.
- + In the Cochrane Collaboration of eleven clinical studies, the results illustrate that the combined use of pneumatic prophylaxis and pharmacological prophylaxis reduce the incident rate of PE and DVT from 4.21% down to 0.65%.

DVT: Common Risk Factors

- + **Immobility:** Long periods of immobility, such as bed rest or extended periods of sitting, can increase the risk of DVT.
- + **Surgery:** People undergoing surgery may be at an increased risk.
- + **Cancer:** Cancer can elevate the risk of blood clot formation.
- + **Age/Weight:** The risk of DVT increases with age and weight.
- + **Pregnancy / Hormone Supplement:** Pregnant women and patients on hormone therapy are at higher risk.
- + **Smoking:** Smoking is a risk factor for many cardiovascular conditions, including DVT.
- + **Previous DVT or Family History:** If an individual has had DVT before or has a family history of blood clots, their risk may be higher.

DVT Risk Assessment

A score of 1-2 points indicates a patient is at low to moderate risk (10% to 20%) for developing DVT. A score of 3-4 points indicates that a patient is at high risk (20% to 40%) for developing DVT.

A score of 5 points or more indicates that a patient is at the highest risk (40% to 80%) for development of a post-operative DVT. Patients at the highest risk level are shown to have 1% to 5% incidence rate of mortality.

