

VascuTherm® 5

Thermal Compression & DVT Therapy

TOTAL RECOVERY SOLUTION

A multimodal therapy system, offering thermal and/or compression therapy and DVT/PE prophylaxis for post-operative and injury recoveries.

Orthopedic surgery, including total joint replacement and complex arthroscopic procedures, are known to be the highest risk surgical procedures causing over 600,000 patients to suffer from DVT complications each year. In the absence of preventative treatments, 40%-60% of patients will suffer from DVT.¹ According to the US Surgeon General, DVT results in over 100,000 deaths per year.²

The VascuTherm 5 provides the total solution to orthopedic recovery and DVT/PE patient management. Completely redesigned with physician-driven, customizable therapy profiles, the VascuTherm 5 offers the patient highly effective DVT prophylaxis with sequential compression at the calf or foot.

When combined with thermoelectric (iceless) cooling, heating or contrast temperature management and vascular compression at the operative site, the VascuTherm 5's programmable multiple treatment modalities offer the physician, DME provider, and patient extremely safe and reliable post-operative therapy. No ice required!



¹Craig J Della Valle, M.D. (1998). Thromboembolism After Hip and Knee Arthroplasty: Diagnosis and Treatment. Journal of American Academy of Orthopedic Surgery, 327-336.
²US Surgeon General Call to Action Report to Prevent Deep Vein Thrombosis and Pulmonary Embolism (2008).

Surgical Procedures

- As physician prescribed:
- + Total Knee / Hip Replacement
 - + ACL Reconstruction - Knee
 - + Rotator Cuff Repair - Shoulder
 - + Lumbar Fusion and Laminectomy
 - + ORIF / PLIF
 - + Ankle Fracture
 - + Fractures of the Hand / Wrist
 - + Ulnar Collateral Ligament Reconstruction

Indications

- + DVT Prophylaxis: To decrease the risk of deep vein thrombosis
- + Post-Surgical Edema: Reduction of edema associated with soft tissue injuries, post-operative edema, and ligament sprains
- + Lymphedema: Treatment of disorders associated with vascular or lymphatic insufficiency
- + Pain: Localized thermal therapy (cold or heat) for post-traumatic and post-surgical recoveries

Modalities

- + Patented DVT Prevention Therapy:
Calf: cycles at 45 mmHg
Foot: cycles at 100mmHg
- + Compression Therapy:
LOW (15 mmHg)
MED (30 mmHg)
HIGH (50 mmHg)
- + Precise Temperature Control:
Cold: 43°F to 49°F
Heat: 105°F
Contrast Therapy: 49°F / 105°F
- + Programmable Therapy Timers

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 industrial thermal management. We pride ourselves on delivering high-quality dependable products that directly address our customers' needs.

Our Values:



Customer Focused

We offer comprehensive, simplified solutions to the users of our products.



Clear Alignment

We are one team pulling together in one direction.



Change Agents

We challenge the status quo of engineering through innovative thinking.



Empowered Accountability

We are collectively responsible for the performance of our products and make the right decisions to hit the mark.



Sustainability Champions

Business model sustainability is prized, because it allows the organization to advance without compromise.