

# DVT-PRO

CompressionTherapySystems.com

## Vascular Compression Therapy (Portable)

Clinically Effective  
VTE Prevention  
DVT-PRO + Aspirin

\$ REVENUE \$  
DME RENTAL

Cryo/Heat Compression Orthotic (Option)

- Sequential Three Chamber Gradient, Simultaneous Inflation (2x Venous Return)
- Compact ERGO Design - Weights less than 2 lbs.
- One Touch Operation – Easy to Use
- Digital LCD Display (Visible Day or Night)
- Adjustable/Lockable Settings
- Auto Systems Check with Alarm & Error Code
- Auto Cuff Detection – Calf or Foot
- Patient Compliance Recorder (up to 100 uses)
- Integrated Lithium Ion Battery (up to 8 hours use)
- Cuffs – Soft, Breathable, Easy to Apply
- Ultra Quiet – to minimize disturbance & vibration
- Durable - Protective Cover with Shoulder Harness
- Compact, Light Weight, Portable
- 1 Year Manufacturer Warranty



## Continuum of Care Reduce Risk & Liability

### DVT-PRO - Safe, non-invasive treatment for a known post-op condition ... **Venous Stasis!!**

DVT-PRO is a specialized sequential compression therapy device that augments deep venous blood flow to help prevent Deep Vein Thrombosis (DVT). Applying pneumatic compression to the calf and/or foot enhances blood flow, reduces venous stasis, increases venous velocity and enhances fibrinolytic activity, the body's natural process for breaking-down clots. IPC produces sheer stress within the veins to induce a biologically mediated vasodilatory effect. Sequential compression allows for capillary and venous refill. Pressure is applied and released sequentially to keep blood moving. Gradient three (3) chamber compression helps to ensure improved physiologic flow.

The DVT-PRO system includes a technologically advanced pneumatic device, hose set, and cuffs. At the touch of a button, the system recognizes cuff configuration and provides sequential gradient simultaneous compression accordingly. Simultaneous compression is proven clinically effective, increasing venous volumes & velocity twice (2x) that of competitive devices. Clinical studies indicate simultaneous (coincident) and sequential compression of two (2) cuffs rather than one (1) resulted in greater patient compliance. Compliance increased substantially with patients using smaller, portable battery operated devices.

DVT-PRO combines clinically effective therapy with advanced features in a durable, compact and portable design. The result? Increased compliance, improved patient safety, far fewer DVT/PE complications, a Win, Win scenario!

Durable and built to last, DVT-PRO was designed as a TRUE DME RENTAL device. Cost containment is achieved by reducing per case expense. With device procurement, COG's per case include the patient cuffs only. DVT-PRO is the solution for DME and healthcare providers alike. DSM Medical, LLC offers a variety of payment programs to get you started. Call and 'Ask' for details.

**COMPRESSION**  
THERAPY SYSTEMS, LLC

Exclusive U.S. Distributor for DS Maref Co., LTD.



# DVT-PRO

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### Cuff Features

- Clinically Superior 3 Chamber Gradient Asymmetric Compression
- Easy to apply ERGO FIT Velcrow Tabs-3 (calf cuff)
- **Color-Match** EZ-Snap Comfort Connectors
- Material: Soft, Breathable, Moisture-Wicking, Eco-Friendly, Latex and PVC Free
- Treated to Deter Soiling
- Single Patient Use, Disposable – to prevent risk of infection
- Calf (Three-Chamber Gradient) and/or Foot (Single Chamber)
- Sizes: Regular (Expander fits XXL- XXXL)

### DVT-PRO Specifications and Advanced Features

- Size – 5 ½" x 5 ½" x 1 ¾"
- Weight – 1.76 lbs.
- Hospital Grade Power Supply – 120V AC/DC adapter
- LCD Display - illuminated easy to understand display (visible day or night)
  - provides continuous real-time monitoring and feedback on therapy status
  - provides access to advanced settings
- Integrated Rechargeable Lithium-Ion Battery (up to 8 hours use)
  - for non-tethered operation, patient transport, travel or power outage
- Variable Compression Setting Options:
  - Calf 40-60 mmHg (gradient); default 40 mmHg
  - Foot 120-140 mmHg; default 120 mmHg
  - Optional 3rd Port Auxiliary 20-60 mmHg; default 30 mmHg
- Built-in pressure sensors provide precise and uniform pressures as selected regardless of external conditions
- Programmable and Lockable Settings
  - Selectable Interval Times: 48 & 60 seconds
  - to suit physician orders for individual patient needs
- Visible and Audible Alarm
  - alerts caregiver to possible therapy interruptions and lists error code for indication of cause
- Auto Compression Release with alarm, power failure, or system malfunction

### Hose Assembly

- **Color-Match** EZ-Snap Comfort Connectors
- Length: 6' (adjustable 3' – 6')
- Durable, Anti-kink
- Re-Useable & Easy to Clean



- Auto Cuff Recognition – Choice of Calf, Foot or Combination
  - identifies the type of cuff attached and adjusts the therapy cycle accordingly
  - recognizes uni-lateral or bi-lateral configuration
  - This saves time for the caregiver and reduces the possibility of caregiver error
- Automatic System Check - ensures the system delivers optimal therapy conditions
- Ultra Quiet and Vibration Free
  - low noise components help ensure patient tolerance
  - internal and external vibration pads minimize vibration
  - helps promote rest and recovery
- USB Port - for easy on-site software updates to support future program upgrades
- Controller - Ergonomic contour for a snug & comfortable fit to the body when carrying
- Smooth Profile for ease of cleaning and to aid compliance with infection control

### DVT-PRO Accessories (included)

- Rugged/Durable Protective Cover with Shoulder Strap for hands-free portability and increased compliance
- Cinch Sack - convenient for storage and travel
- Power Supply for device use and for recharging the battery

### DVT-Pro Accessories (optional)

- Cryo/Heat Compression Orthotics to reduce edema, relieve pain and enhance rate of healing
  - Types available: Knee, Hip, Shoulder, Ankle, Back, Lumbar, Elbow, Wrist, Arm, Calf, Thigh, etc.
- Hanging Controller Bracket - Stainless Steel

## DVT-PRO was designed keeping function, durability, and portability in mind.

Studies conclude gradient, simultaneous sequential pneumatic compression greatly increases the rate of venous return and reduces the risk of DVT by more than 60%. Advances in technology have improved greatly during the past few years. Vascular compression systems such as the DVT-PRO provide safe, effective non-invasive therapy for treatment of venous stasis and hypercoagulation (known post-op conditions). Compression therapy is effective at reducing the incidence of DVT as with pharmacological drug medications (blood thinners) but with 'significant' lower rates of bleeding complications. Pharmacological and non-pharmacological prophylaxis can be used together. This combined regimen increases effectiveness and is recommended for patients with a high risk for VTE.

Mechanical prophylaxis is safe and cost effective with comparable outcomes to pharmaceutical prophylaxis.

Studies indicate risk of DVT is highest within 5-10 days of surgery. DVT-PRO decreases the likelihood of DVT and PE in the weeks following surgery. Prophylaxis reduces risk by more than two-thirds (2/3rds) and prevent death from PE in one out of every two-hundred (1/200) major operations. DVT-Pro was designed keeping the patient, physician, facility and DME provider in mind and includes upgraded features to ensure clinical efficacy, durability and compliance. For use both in and out of the hospital, DVT-Pro effectively reduces risk of thrombus formation both during and after surgery until patient risk for VTE is diminished.

### DVT-PRO - Benefits

Easy to use and transport; Up to 8 hours of cord-less use; Helps prevent life-threatening DVT & PE; Weighs less than 2 lbs.; Simulates natural augmentation of blood flow at the touch of a button; Dramatically Increases Circulation & O2 throughout the body; Incorporates state of the art Programs & Features; Records Patient Compliance Data; Reduce unnecessary admissions (re-admissions), emergency visits and associated costs; Reduces the need for anti-coagulant (blood thinning) medications/drugs, thus reducing complications of major bleeding; Reduces pain, edema (swelling); Accelerates healing time; Reduces compartmental pressures; Enhances arterial blood flow; Helps provide better patient outcomes for surgical patients at risk for post-operative DVT and/or those suffering from venous insufficiency; Counteracts Stasis; Stimulates Fibrinolysis/Inhibits platelet aggregation; Improves Patient Safety; Reduces VTE Rates; Reduces risk of debilitating Post Thrombotic Syndrome (PTS); Reduces Complications; **Saves Lives!**

PSA: "DVT and PE are major risk factors for patients undergoing surgical or invasive procedures. Thromboprophylaxis should be considered for all of these patients. Prevention of VTE is more effective than treatment and is an important aspect of patient care before, during and after surgery. The use of protocols known to be effective for the management of PE have been severely underused. It is imperative for peri-operative practitioners to identify the risk factors for DVT and/or PE in nursing assessments."

Reference – AORN Journal

DVT-PRO helps reduce the risk of DVT in surgical or immobilized patients and during times when the patient is non-ambulatory.  
Contact DSM Medical, LLC for indications, contraindications and for additional information.

**DVT & PE are considered *Preventable***  
**Reduce Risk & Professional Liability**  
**Convenient, Compact & Portable**  
**Facility, Home & Travel**  
**Continuum of Care**

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