

A PERSONALIZED APPROACH WITH PREDICTABLE RESULTS

Delfi Medical Innovations Inc. is a Canadian company and world leader in personalized tourniquet technology, development and evaluation.

Delfi's products have been designed to meet the needs of general and specialty patients groups, surgeons, operating-room nurses and rehabilitation professionals. Delfi's patented tourniquet technology is used worldwide in more than 20,000 surgical cases each day.

For more than 35 years, members of the Delfi team have been extensively involved in improving surgical tourniquet safety through the development and evaluation of new technologies. (Visit www.tourniquets.org for more information).

Our newest development, the Personalized Tourniquet System for Blood Flow Restriction facilitates the safe use of proven BFR rehabilitation training methods and helps provide optimal clinical outcomes.

GET CERTIFIED

Purchase of Delfi's PTS for Blood Flow Restriction requires course certification.



Owens Recovery Science, Inc is recognized by the Board of Certification, Inc. to offer continuing education for Certified Athletic Trainers.

For more information on PBFR training visit
www.owensrecoveryscience.com

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PTS PERSONALIZED TOURNIQUET SYSTEM

FOR BLOOD FLOW RESTRICTION



PTS PERSONALIZED TOURNIQUET SYSTEM FOR BLOOD FLOW RESTRICTION

Delfi's state-of-the-art PTS Personalized Tourniquet System for Blood Flow Restriction (BFR) has been specifically designed to safely regulate and control tourniquet pressure for Blood Flow Restriction applications.

The patented technology in the PTS Personalized Tourniquet System for BFR is based on Delfi's proven surgical tourniquet instruments and cuffs, and includes automatic personalization and safety features developed specifically for BFR applications.

The PTS Personalized Tourniquet System for BFR is intended for use on those patients for whom a physician or physician's designated licensed health care practitioner has indicated perioperative blood flow restricted exercise.

**AUTOMATIC PERSONALIZATION
WITH ADVANCED SAFETY FEATURES**

FEATURES

Personalized Pressures

Delfi's patented Limb Occlusion Pressure (LOP) technology allows a patient specific LOP to be measured and automatically calculates the patient's Personalized Tourniquet Pressure (PTP) as percentage of LOP.

BFR Pressure Application Timer

An easily adjusted BFR pressure application timer controls the length of time that the cuff will remain pressurized, and for safety automatically deflates the cuff when the application time elapses. A clearly visible digital display of pressurization time remaining is shown.

Advanced Pressure Regulation

The same advanced pressure regulation technology as used in our surgical tourniquets maintains the cuff near the selected pressure during limb movement.

12 Preset Protocols

Preset upper and lower limb therapy protocols recommended by Owens Recover Science for strength, endurance, and cyclic BFR make set-up quick and easy. Key parameters can be adjusted on the spot for automatic personalization.

Interval Timer

User activated timer counts down pre-programmed rest time intervals between sets, visual and audio signals alert user to begin next set.

Reps Indicator

Monitors progress in a protocol by displaying the number of exercise sets and reps as completed.

Intuitive User Interface

Easily verify key parameters and therapy session progress. A responsive touch-screen with graphical interactive elements simplifies operation and adjustments.

Session History

Automatically records key tourniquet parameters including: Limb Occlusion Pressure, Personalized Tourniquet Pressure, cuff inflation pressures, pressure application time and number of pressurization cycles.

Reperfusion Timer for BFR

After a BFR cuff pressurization cycle is completed, a programmable reperfusion timer prevents the cuff from being pressurized again until the reperfusion time has elapsed, helping ensure adequate time between pressurization cycles for limb reperfusion.

Safety Alarms

Audio and visual alarms warn of cuff over and under pressurization. Self test and calibration test on start-up verify proper instrument operation.

Integrated Leak Testing

Cuffs, tubing and connectors may be automatically tested for leaks before or after use.

Battery Back Up

Up to 4 hours of operation with a tested cuff

EASI-FIT CUFFS FOR BLOOD FLOW RESTRICTION

Delfi's Easi-Fit Tourniquet Cuffs for Blood Flow Restriction (BFR) are uniquely designed to make cuff application easy and consistent. The contour cuff shape in combination with a patented variable fastener allows a superior personalized fit along both proximal and distal edges of the cuff to help lower limb occlusion pressure.

Easi-Fit Tourniquet Cuffs for BFR are available in four standard lengths 18", 24", 34" and 44" to accommodate a wide range of limb circumferences.

Matching Limb Protection Sleeves are available to help protect the skin beneath the cuff while the cuff is pressurized.