

# VARI-FIT

## Variable Contour Cuffs

### **SUPERIOR PERSONALIZED FIT AND PERFORMANCE**

Delfi's Vari-Fit Variable Contour Tourniquet Cuffs provide a better personalized fit and occlude blood flow (LOP) at lower tourniquet pressures.

Vari-Fit cuffs are soft and flexible for easy cuff application. The unique contour shape allows for close conformance to a wide range of limbs and degree of taper, and combined with the use of Matching Limb Protection Sleeves eliminates gaps to provide a snug fit.

Available in three sizes optimized for the arm, thigh, and lower leg. Arm cuff also available in dual bladder (IVRA) configuration.

Both sterile single-use and reusable cuffs are available in single and dual port configurations.

For use with Delfi's PTSii Personalized Tourniquet System and compatible with most automatic tourniquet instruments.



### CONTOUR CUFF SHAPE

In combination with two unique pivoting fasteners allows a superior fit along both proximal and distal edges of the cuff

### SECONDARY FASTENER

For enhanced stability and ease of application

### WHY VARIABLE CONTOUR?

Because every patient's limb shape is unique.

The "Variable" contour in Delfi's Vari-Fit cuffs, comes from an innovative design which combines both a specific contour shape and pivoting fasteners, allowing the cuff to conform to the patient's unique limb shape, providing a personalized fit on a range of limbs with a high degree of taper to almost cylindrical.



### VARIABLE FASTENERS

Allow the cuff to conform to a wide range of limb shapes for uniform transfer of cuff pressure across the entire cuff width to help lower limb occlusion pressure (LOP)

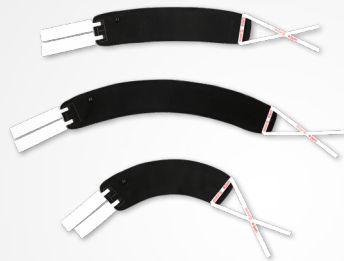
### BETTER INVENTORY MANAGEMENT

With a cost effective personalized solution requiring stock of only three cuffs sizes, compared to the four to seven cylindrical cuffs needed to cover a similar range of limb circumferences



Adjustable Shape

## BETTER INVENTORY MANAGEMENT



Limb Circumference Range 9" - 30"

### VARI-FIT ALLOWS FOR STOCKING OF ONLY (3) SIZES

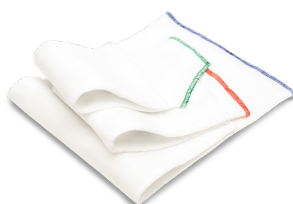
Optimized for arm, thigh and lower leg. Arm cuff also available in IVRA configuration.

Vari-Fit's wide bladder design (5.75") allows for even pressure distribution helping lower Limb Occlusion Pressure (LOP).

### MATCHING LIMB PROTECTION SLEEVES

DESIGNED TO HELP PROTECT THE PATIENT'S LIMB

- Proven performance
- Cuff matched
- Easy application
- Included with every cuff



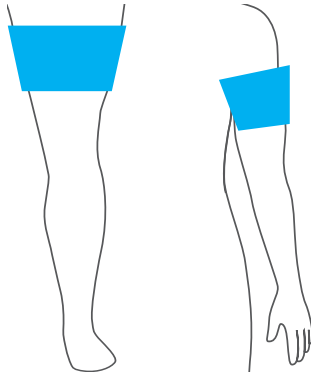
For cuff selection refer to Limb Circumference Chart.





## Recommended Tourniquet Cuff Selection

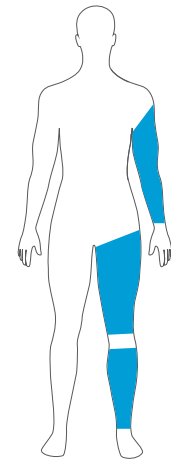
- Measure the patient's limb circumference, then refer to the Limb Circumference Chart for cuff selection.
- To ensure the selected cuff is the correct size for the patient, verify there is sufficient overlap for the Secondary Fastener (located on underside) to fully engage with the loop material on surface of the cuff. Secondary Fasteners provide added stability to the cuff during use.



### Tapered Adult Limbs

#### Select a Vari-Fit Contour Cuff and Matching Limb Protection Sleeve

A unique contour shape and pivoting fasteners allow the cuff to conform to a variety of tapered (conical) limb shapes.



WARNING: For Delfi's PTS tourniquet instruments and cuffs, always follow manufacturer's detailed instructions.

## Recommended Tourniquet Cuff Application

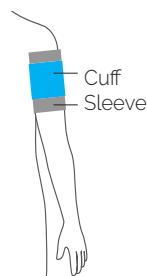
This Guide was prepared in consultation with James McEwen, PhD, the inventor of automatic tourniquets, to summarize relevant published guidelines and recommendations.\*

Select the most appropriate tourniquet cuff considering limb size and shape, and the specific procedure:

- Cuff shape should allow a snug fit along both proximal and distal edges.
- Cuff width should be the greatest width that still assures recommended distances from cuff edges to limb joints and surgical site.
- Cuff length should be the minimum that assures overlap around the limb sufficient to fully engage fasteners.

Use limb protection, ideally a sleeve specifically matched to the selected cuff.

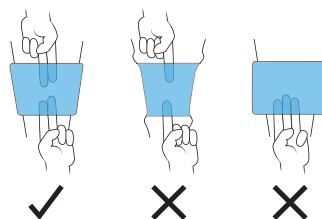
A limb protection sleeve matched to the size and shape of the selected cuff provides the best protection against skin wrinkling, bruising and other soft tissue injuries to the limb beneath the cuff.\*



Apply the selected tourniquet cuff snugly on the limb, over limb protection.

A snugly applied cuff allows two fingers easily under the cuff at both proximal and distal edges. If only one finger fits, the cuff is too tight; if three fingers fit, the cuff is too loose.

A loose cuff will require higher pressure to stop blood flow and may slide to an unsafe position on the limb during use. A tight cuff could impede venous return of blood from the limb even when deflated.



After cuff application, the limb distal to the cuff should be exsanguinated by elastic bandage or elevation, as determined by the surgeon.

An automatic tourniquet instrument with modern safety features and audio-visual alarms should be used with the cuff.

The optimum tourniquet pressure for each patient and cuff application can be set or checked by measuring Limb Occlusion Pressure (LOP).\*

Intraoperative monitoring of tourniquet safety parameters reduces the risk of complications. During the procedure, it is important to monitor tourniquet pressure and time, and to minimize both.

Upon final deflation of the tourniquet, the tourniquet cuff and underlying limb protection should be immediately removed from the limb.

\* Refer to [www.tourniquets.org](http://www.tourniquets.org) for an expanded guide and relevant references.

WARNING: For specific tourniquet instruments and cuffs, always follow manufacturers' instructions.

## Vari-Fit Variable Contour and IVRA (Bier Block), Sterile Single-Use (10 per box)

Size (WxL)	Single Port	Dual Port
26" x 5.75" Arm	9-9300-002	9-9400-002
37" x 5.75" Thigh	9-9300-003	9-9400-003
23" x 5.75" Lower Leg	9-9300-004	9-9400-004
26" x 5.75" IVRA (arm)	9-9300-011	9-9400-011

## Vari-Fit Variable Contour and IVRA (Bier Block), Reusable

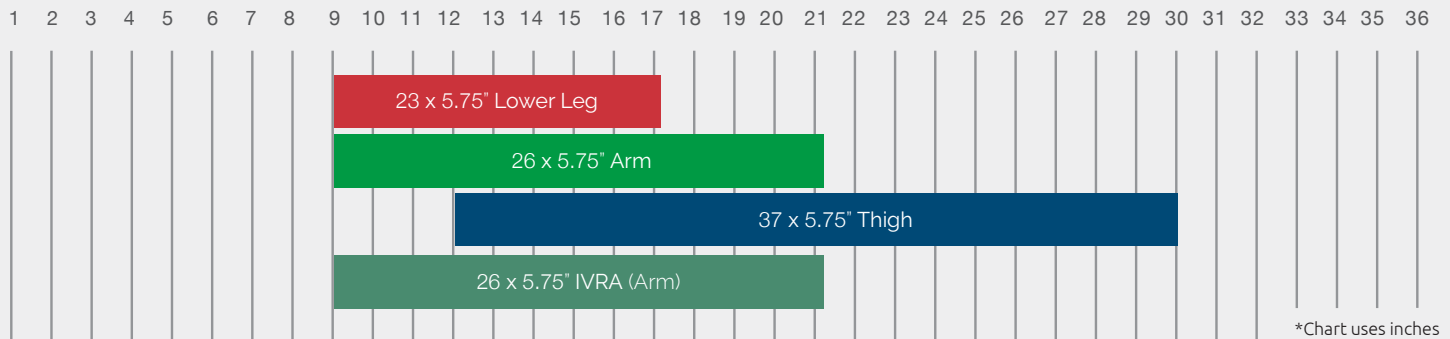
Size (WxL)	Single Port	Dual Port	MLPS (Replacements - 10 per box)
26" x 5.75" Arm	9-7350-002	9-7450-002	9-7920-002
37" x 5.75" Thigh	9-7350-003	9-7450-003	9-7920-003
23" x 5.75" Lower Leg	9-7350-004	9-7450-004	9-7920-001
26" x 5.75" IVRA (arm)	9-7350-011	9-7450-011	9-7920-002
*Set of 4	9-7350-005	9-7450-005	

\*(Includes one of each; arm, thigh, lower leg, and IVRA arm cuff)

Delfi Tourniquet Cuffs are latex free, with positive locking connectors, and include Matching Limb Protection Sleeves (MLPS).  
Single-Use Cuffs include 30" tubing

Compatible with most single and dual port automatic tourniquet systems.

## Recommended Limb Circumference Range



## About Us

Delfi Medical Innovations is a world leader in advancing tourniquet safety and technology. Members of Delfi's team have been exclusively involved in tourniquet development and evaluation for more than 40 years.

Delfi's patented tourniquet instruments and tourniquet cuffs have been designed to help surgeons and operating-room nurses provide personalized safe and effective care for their patients.

## Contact Us

For sales enquiries and ordering information contact Customer Service at:

1.800.933.3022 (US & Canada)  
+ 604.742.0600 (Elsewhere)  
sales@delfimedical.com

Delfi Medical Innovations Inc.  
106 - 1099 West 8th Avenue  
Vancouver, BC Canada V6H 1C3

To learn more on how our tourniquet systems help provide personalized safe and effective care for your patients visit:  
[delfimedical.com](http://delfimedical.com)