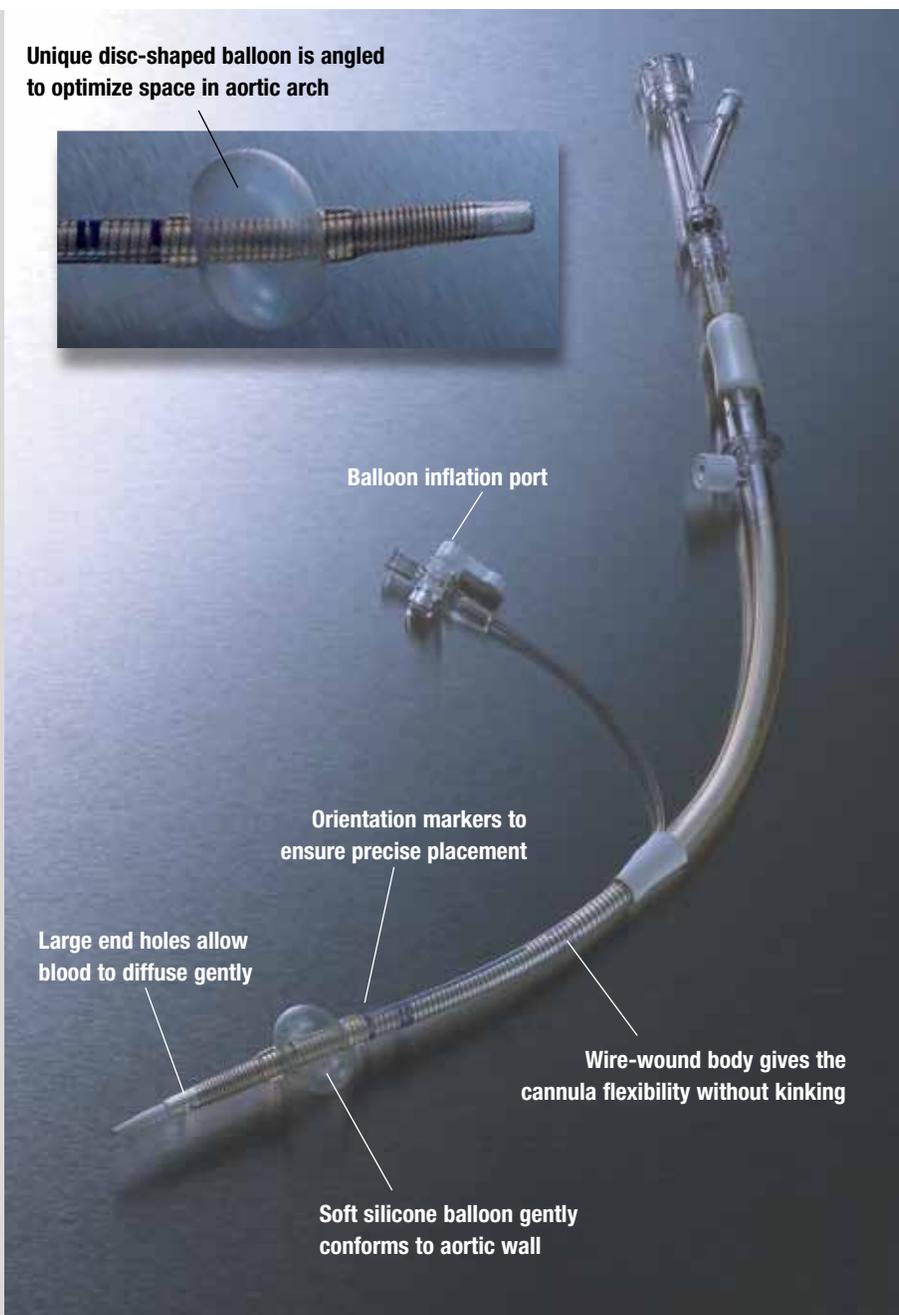


THE TRIUMPH SYSTEM

With Soft Balloon Occlusion in the Aorta

The TRIUMPH, Soft Occlusion Aortic Cannula, is designed for use during any arrested heart procedure where it is optimal to eliminate the potentially traumatic use of a cross clamp. Its disc-shaped and angled balloon gently occludes the aorta with minimal disruption of existing plaque that could cause post-operative neurological complications.



Also for Minimally Invasive Valve Procedures

- *No femoral arterial return*
- *Direct access to aorta*
- *Occlusion and perfusion in one cannula*

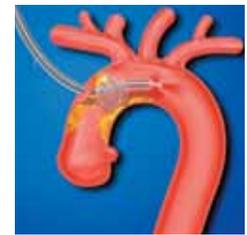
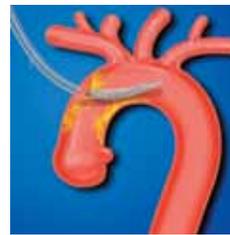
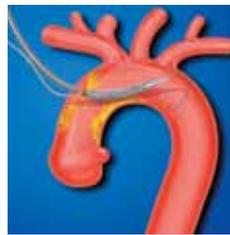
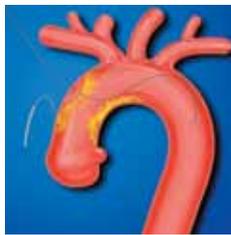
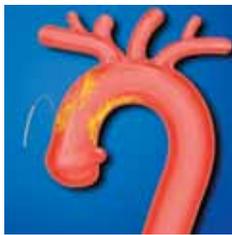
TRIUMPH Features

- *Proprietary Balloon Technology gently conforms to and occludes the aorta with a unique disc shape*
 - *Optimizes access for proximal anastomosis*
 - *Avoids potential occlusion of innominate artery*
- *Eliminates the potential traumatic use of a cross clamp*
- *Helps limit disruption of plaque that could potentially increase post-operative neurologic complications*
- *Thin-wall shaft design provides for optimal perfusion characteristics*
- *Ideal for use in all traditional cardiac surgery, redo and minimally invasive procedures*

TRIUMPH SOFT OCCLUSION AORTIC CANNULA

Chase Medical has developed a proprietary disc-shaped balloon design that optimizes access and positioning in the aorta. The balloon conforms to and occludes the internal aorta helping limit the disruption of existing plaque that may cause post-operative neurologic complications. The TRIUMPH multi-lumen system gently occludes the aorta while simultaneously and efficiently facilitating the delivery of oxygenated blood.

TRIUMPH RECOMMENDED INSERTION TECHNIQUE



†Step 1: Place a purse string suture 2.0-2.5cm below the innominate artery and make an aortotomy.

Step 2: Using TEE, insert the guidewire into the descending aorta.

Step 3: Insert TRIUMPH, with dilator, over the guidewire and into the aorta.

Step 4: Orient and position the cannula appropriately. Tighten the purse string sutures, remove the guidewire and dilator and close the hemostasis valve.

Step 5: Inflate the balloon using 5cc of sterile saline. Add increments of 1-2cc until the balloon has gently occluded the aorta.

†Refer to the Directions For Use for complete instructions.

ORDERING INFORMATION

CODE	DESCRIPTION	UNITS PER CARTON
MPH-0022S	TRIUMPH System, Wire Reinforced, 22Fr, 18" Length Cannula, with J-Guidewire Extender, 20cc Syringe, and Seldinger Needle	5
MPH-0019S	TRIUMPH System, Wire Reinforced, 19Fr, 18" Length Cannula, with J-Guidewire Extender, 20cc Syringe, and Seldinger Needle	5

TO PLACE ORDERS

Chase Medical Customer Service
 1-800-783-0378 or 972-783-7005
 Fax: 972-235-3446
 Email: cust_svc@chasemedical.com

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