

Baxter

Flo-Rester
INTERNAL VESSEL OCCLUDER

Flo-Thru
INTRALUMINAL SHUNT

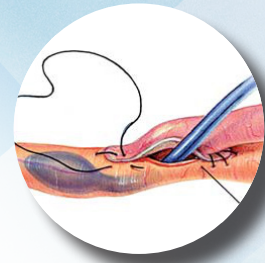
Vascular Probe
INTRAVASCULAR PROBE



SURGICAL TOOLS

A PROVEN PATHWAY OF OVER 35 YEARS OF
CLINICAL USE IN CARDIO AND PERIPHERAL
VASCULAR PROCEDURES

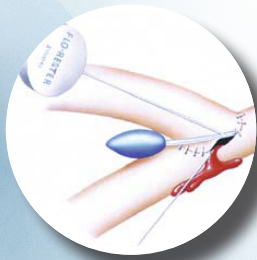
FULL PORTFOLIO OVERVIEW



Vascular Probe

INTRAVASCULAR PROBE

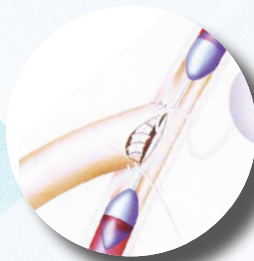
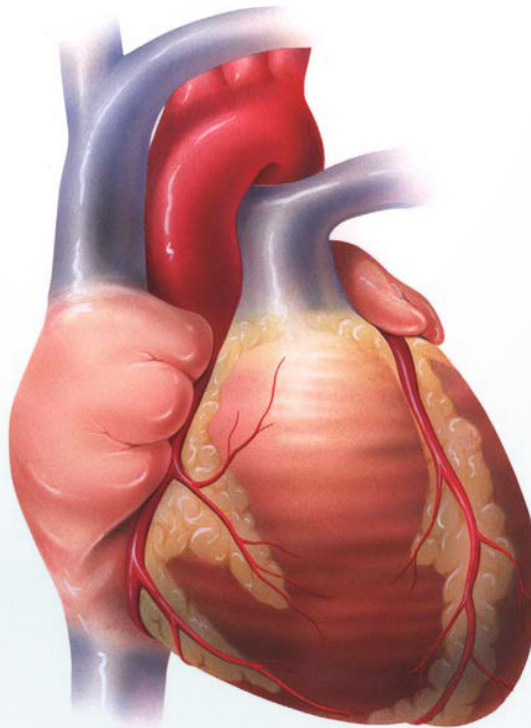
Used to probe blood vessels distally and proximally, measure vessel internal diameter, and act as an intravascular retractor⁴



Flo-Rester

INTERNAL VESSEL OCCLUDER

Atraumatic alternative to traditional vessel clamping that reduces risk of vessel injury¹



Flo-Thru

INTRALUMINAL SHUNT

Provides temporary blood-free operative field, while allowing blood flow distal to the anastomosis³

Flo-Rester

INTERNAL VESSEL OCCLUDER

Atraumatic alternative to traditional vessel clamping that reduces risk of vessel injury¹



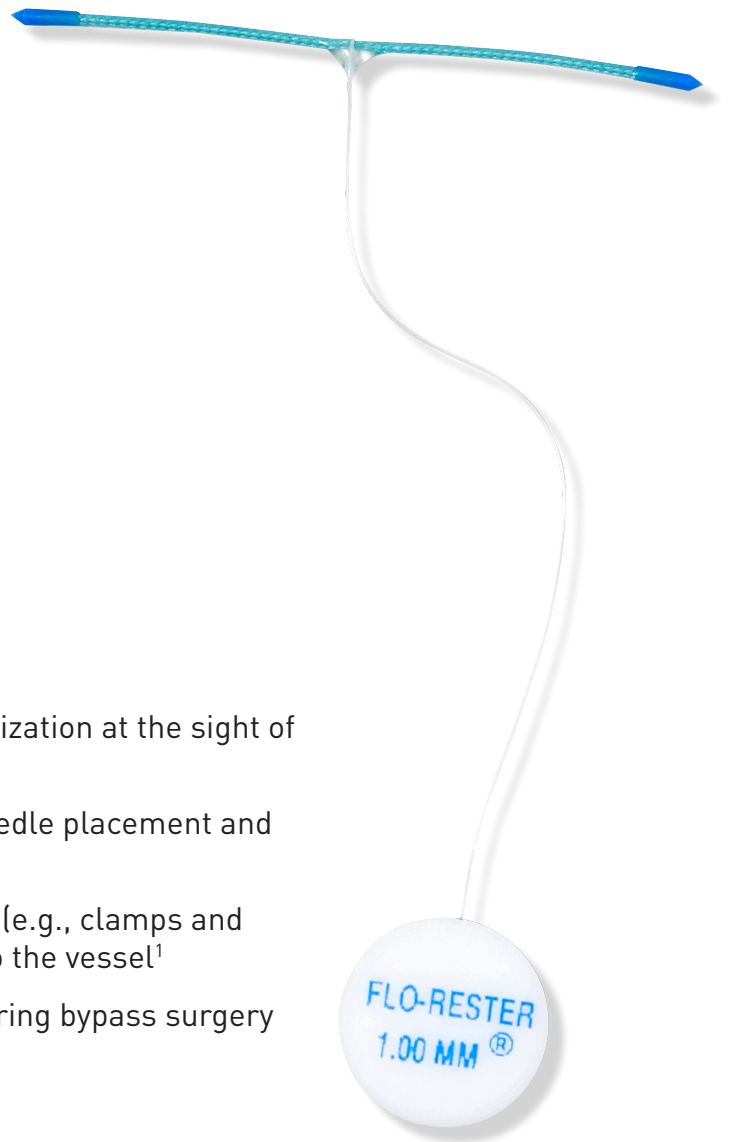
OPTIMIZED DESIGN

- Easy to insert and remove
- Atraumatic and gentle
- Flexible silicone material

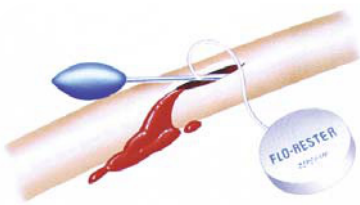


CLINICAL BENEFITS

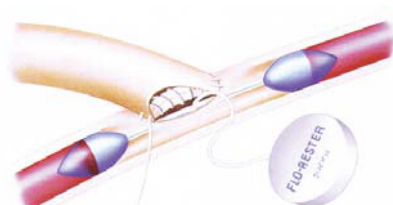
- Provides bloodless field for excellent visualization at the sight of anastomosis²
- Effectively stents the vessel for efficient needle placement and enhanced suturing¹
- Eliminates external pressure on the vessel (e.g., clamps and vessel loops), preventing intimal damage to the vessel¹
- Safe and simple way to control bleeding during bypass surgery and vessel repair²



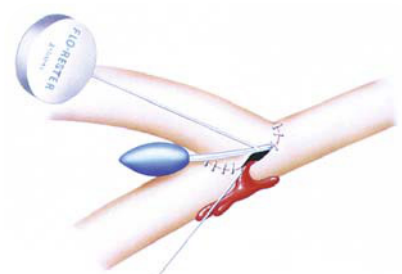
USING FLO-RESTER INTERNAL VESSEL OCCLUDER



Easy Insertion



Vessel Occlusion and Stenting



Simple Retraction and Easy Removal



SURGICAL APPLICATIONS

Coronary bypass surgery and peripheral vascular bypass surgery:

Femoral-popliteal
bypass

Tibial bypass

Peroneal bypass

Dorsal-pedal bypass

Flo-Thru

INTRALUMINAL SHUNT

Provides temporary blood-free operative field, while allowing blood flow distal to the anastomosis³



OPTIMIZED DESIGN

- Large inner diameter facilitates maximum blood flow
- Easy to insert and remove
- Atraumatic and gentle
- Flexible silicone material



CLINICAL BENEFITS

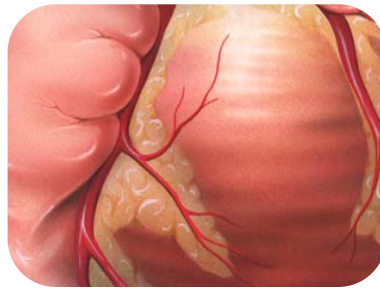
- Multiple sizes ensure an ideal fit for a blood-free field, improving visualization at the site of anastomosis³
- Unique single-piece design with large internal diameters provides exceptional distal perfusion³
- Radiopaque marker outlines outer diameter of bulbs, facilitating easy positioning and removal of shunt³



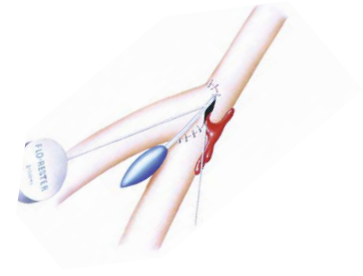
USING FLO-THRU INTRALUMINAL SHUNT



Easy Insertion



Vessel Occlusion, Stenting
and Distal Perfusion



Easy Atraumatic Removal



SURGICAL APPLICATIONS

Flo-Thru is designed to facilitate anastomosis during:

Bypass surgery

Beating heart surgery

Peroneal bypass

Peripheral vascular
procedures

Vascular Probe

INTRAVASCULAR PROBE

Used to probe blood vessels distally and proximally, measure vessel internal diameter, and act as an intravascular retractor⁴



OPTIMIZED DESIGN

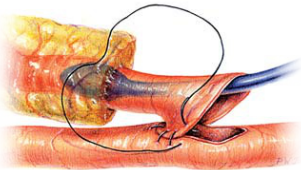
- “Two-probes-in-one” optimizes device efficiency
- Easy to insert and remove
- Atraumatic and gentle
- Flexible shaft with silicone coating
- Available in regular and extra supple models



CLINICAL BENEFITS

- Streamlined “olive” shaped bulbs support atraumatic vessel stenting, retraction and occlusion⁴
- Flexible shaft allows the vessel to be tracked without damaging intima⁴
- Easy passage through the vessel lumen⁴

USING THE VASCULAR INTRALUMINAL PROBE



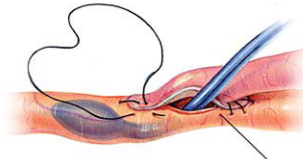
Insertion into the internal mammary artery (IMA) allows gentle traction which aids in “taking down” the IMA



Locate occlusions intraluminally either upstream or downstream from an anastomosis

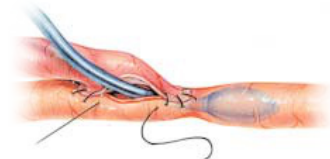
Explore the proximal and distal artery for size, patency, and to confirm location of stenosis

Occlude vessels atraumatically - proximally, distally, or both - to maintain a dry field



Gently lift the vessel edge of the anastomosis for more precise needle placement

Stent vessels - proximally, distally, or both



Test the quality of distal runoff during small vessel bypass procedures; patency is confirmed as air is voided prior to suture tightening

Detect anastomotic strictures at suture line while withdrawing probe



SURGICAL APPLICATIONS

Coronary bypass surgery and peripheral vascular bypass surgery:

Femoral-popliteal bypass

Tibial bypass

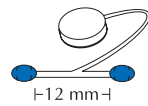
Peroneal bypass

Dorsal-pedal bypass

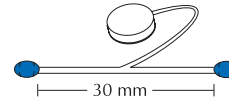


ORDERING CODES

FLO-RESTER INTERNAL VESSEL OCCLUDER



12 mm Sizes

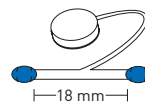


30 mm Sizes

PRODUCT NUMBER	BULB DIAMETER	UNITS PER BOX	PRODUCT NUMBER	BULB DIAMETER	UNITS PER BOX
50100	1.00 mm	5	60100	1.00 mm	5
50125	1.25 mm	5	60125BIOS	1.25 mm	5
50150	1.50 mm	5	60150BIOS	1.50 mm	5
50175	1.75 mm	5	60175	1.75 mm	5
50200	2.00 mm	5	60200BIOS	2.00 mm	5
50225	2.25 mm	5	60225BIOS	2.25 mm	5
50250	2.50 mm	5	60250BIOS	2.50 mm	5
50275	2.75 mm	5	60275	2.75 mm	5
50300	3.00 mm	5	60300	3.00 mm	5
50350	3.50 mm	5	60350	3.50 mm	5
50400	4.00 mm	5	60400BIOS	4.00 mm	5
50450BIOS	4.50 mm	5	60450BIOS	4.50 mm	5

*All sizes nominal

Flo-Rester is for single-use only and cannot be resterilized.



FLO-THRU INTRALUMINAL SHUNT

PRODUCT NUMBER	BULB DIAMETER	OVERALL LENGTH	UNITS PER BOX
FT12100	1.00 mm	18 mm	5
FT12125	1.25 mm	18 mm	5
FT12150	1.50 mm	18 mm	5
FT12175	1.75 mm	18 mm	5
FT12200	2.00 mm	18 mm	5
FT12225	2.25 mm	18 mm	5
FT12250	2.50 mm	18 mm	5
FT12275	2.75 mm	18 mm	5
FT12300	3.00 mm	18 mm	5

Flo-Thru Intraluminal Shunt® is for single-use only and cannot be resterilized.

Contact your sales representative or Synovis Surgical Innovations for ordering information, in-service support materials, and technical specifications.

VASCULAR PROBE INTRAVASCULAR PROBE

Available in a range of bulb diameters, the Vascular Probe is supplied sterile and ready to use in 8 cm, 15 cm and 45 cm shaft lengths. Each probe is packaged in a standard Tyvek, double aseptic transfer, peel back pouch. There are five probes of equal size per box. Minimum order quantity is one box.

For ease and accuracy of ordering, please use the numbers indicated below. For the extra supple version, simply add an ES to the product number as shown below.



	PRODUCT NUMBER		BULB DIAMETER	NUMBER PER BOX
	STANDARD	EXTRA SUPPLE		
8 CM LENGTHS	7081015	7081015ES	1.0 mm & 1.5 mm	5
	7081520	7081520ES	1.5 mm & 2.0 mm	5
	7082025	7082025ES	2.0 mm & 2.5 mm	5
15 CM LENGTHS	7151015	7151015ES	1.0 mm & 1.5 mm	5
	7151520	7151520ES	1.5 mm & 2.0 mm	5
	7152025	7152025ES	2.0 mm & 2.5 mm	5
45 CM LENGTHS	7451015	7451015ES	1.0 mm & 1.5 mm	5
	7451520	7451520ES	1.5 mm & 2.0 mm	5
	74512025	74512025ES	2.0 mm & 2.5 mm	5

ORDERING KEY

Example: 7151520
 7 = product identifier
 15 = shaft length
 1520 = bulb sizes, 1.5 mm & 2.0 mm

Vascular Probe is for single-use only and cannot be resterilized.

IMPORTANT RISK INFORMATION FOR SURGICAL TOOLS

Flo-Rester Disposable Internal Vessel Occluder

Indications for Use

Flo-Resters are used to internally occlude blood vessels during anastomosis. The occluder bulbs are inserted proximally and distally through the vessel opening. The occluder bulbs allow a dry field to be maintained during the anastomosis of a bypassed graft or the suturing of two cut ends of a vessel. A pull tab allows the Flo-Rester to be easily removed prior to the final sutures being tied. Select the Flo-Rester size which is appropriate for the internal diameter of the blood vessel.

Contraindications & Adverse Reactions

Not Applicable

Warnings:

Do not resterilize. Flo-Rester is a disposable, single-use device.

Rx only. For safe and proper use of this device, refer to the Instructions for Use.

Flo-Thru Intraluminal Shunt

Indications for Use

The Flo-Thru Intraluminal Shunt is indicated for use in coronary artery or peripheral vascular procedures. The device shunts blood at the anastomotic site which provides a temporary blood free operative field for suturing while allowing blood to flow distal to the anastomosis. The device is removed just prior to the final suturing of the vessel.

Contraindications & Adverse Reactions

Not Applicable

Warnings:

Do not re-sterilize. The shunt is a single use device and is not intended for reuse.

Rx only. For safe and proper use of this device, refer to the Instructions for Use.

Vascular Probe/Vascular Probe ES (Extra Supple)

Indications for Use

The disposable Vascular Probe is intended to be used during coronary and peripheral vascular surgery to probe blood vessels distally and proximally for blockages, to measure the internal diameter of vessels, and to act as an intravascular retractor.

Contraindications & Adverse Reactions

Not Applicable

Warnings:

Do not resterilize. The Vascular Probe is a disposable, single-use device.

Do not subject the Vascular Probe to the following agents: alcohol esters and ethers, any derivatives of phenols, compounds of mercury, chloride, peroxide, acetone, or any type of solvent.

Do not use mechanical gripping or clamping devices to manipulate the probe.

Rx only. For safe and proper use of this device, refer to the Instructions for Use.

For more information, contact



EUROMED Swiss
Medical Distribution Services

Euromed Swiss AG
Langfeldstrasse 53a
CH-8500 Frauenfeld
Switzerland

Tel: +41 44 782 80 80 / www.euromed.ch

1. Chalmers R.T., et al. (1997). Distal anastomotic vein cuff and the use of an internal vessel occluder. *J R Coll Surg Edinb*; 42(3):171-172.
2. Instructions for Use (CE2797), FLO-RESTER Internal Vessel Occluder. 2019.
3. Instructions for Use (CE2797), FLO-THRU Intraluminal Shunt. 2019.
4. Instructions for Use (CE2797), VASCULAR PROBE. 2019.