

Right patient. Right time. **Right line.**

MIDLINE CATHETERS



BioFlo® with Endexo® Technology

The BioFlo® Midline Catheter is the first - and only - midline catheter with Endexo® Technology, providing a catheter material more resistant to in-vitro thrombus accumulation, compared to commonly used catheters (based on platelet count).¹

Endexo® Technology is a permanent and non-eluting polymer that is “blended” into the polyurethane from which the catheter is made. It is present throughout the catheter, including the intraluminal, extraluminal, and cut surface of the catheter. Endexo® Technology remains present for the life of the catheter.

● Midlines

The BioFlo® Midline Catheter provides short-term access (< 30 days) to the peripheral venous system for selected intravenous therapies and blood sampling. The BioFlo® Midline Catheter is a 20 cm trimmable catheter featuring Endexo® Technology which is present throughout the catheter shaft including the intraluminal, extraluminal and cut surface of the catheter.



1. The reduction in thrombus accumulation (based on platelet count) is supported by acute in-vitro testing. Pre-clinical in-vitro evaluations do not necessarily predict clinical performance with respect to thrombus formation.

BioFlo® Midlines CATHETER ONLY KITS

Catheter
Wire Guide/Flush Assembly
PTFE Coated Siffening Wire
92cm Tape Measure
End Cap(s)
Catheter Securement Device

BioFlo® Midlines MST KITS WITH 70CM WIRE

Catheter
Wire Guide/Flush Assembly
PTFE Coated Siffening Wire
Safety Introducer Needle (21G x 2.75")
Standard Introducer Needle (21G x 2.75")
70 cm Hydrophilic-Coated Guidewire
Safety Scalpel
10 cm Sheath/Dilator
92 cm Tape Measure
10 mL Luer Lock Syringe(s)
End Cap(s)
Catheter Securement Device

BioFlo® Midlines MAXIMAL BARRIER KITS

Catheter
Gown (XL)
Saline - Pre-filled 10 mL Syringes
Transducer Probe Cover Set
Maximal Barrier Body Drape(s)*
Underarm Drape
Port Protector
Tuohy Borst with Side Port
Stiffening Stylet or 70 cm Nitinol Guidewire**
Gauze Pads (4" x 4")
Safety Introducer Needle (21G x 2.75")
Standard Introducer Needle (21G x 2.75")
Sharps container
Guidewire 0.018" x 45 cm Nitinol
Safety Scalpel
Sheath/Dilator Introducer
3 mL Clear Chloraprep
3 mL Orange Tinted Chloraprep
Statlock Stabilization Device
Transparent Dressing
Absorbant Towel (14" x 25")
Tourniquet

Surgical Tape
CSR Wrap
Mask with Earloops
Hair Net
Gloves
Safety Ampule Breaker
Lidocaine HCL 1%
5 mL Ampule
Lidocaine Label
5 mL Syringe
Filter Straw
Needle (25G x 0.625")
Tape Measure
Scissors
Patient Checklist
Stop Sign

*2 options:

- 1) Full Body Drape (70" x 100") and Fenestrated Drape
- 2) Dual Fenestrated Drape (73" x 114")

**Based on kit configuration

BioFlo® Midlines • Ordering Guide

Maximal Protection for Improved Patient Care

Streamline BioFlo Midlines are available in a variety of options for safe and reliable bedside placement.

Maximum Power Injection Flow Rates

Size (F)	Lumens	Flow Rate
3F	Single	2 ml/sec
4F	Single	6 ml/sec
5F	Single	6 ml/sec
5F	Dual	6 ml/sec

BioFlo® Midline Catheter (20 cm) – Ordering Information

Kit Description	French Size			
	3F–Single Lumen	4F–Single Lumen	5F–Single Lumen	5F–Double Lumen
Catheter Kit	H965460510	H965460610	H965460710	H965460810
Catheter Kit w/ 1 Nitinol Guidewire	H965461900	H965462100	H965463100	H965464100
MST-45 Kit w/ Stylet and 1 Nitinol Guidewire	H965460910	H965460120	H965460130	H965460140
MST-45 Kit w/ 2 Nitinol Guidewires	H965465100	H965466100	H965467100	H965468100
Max Barrier Kit w/ Stylet and 1 Nitinol Guidewire	H965460151	H965460161	H965460171	H965460181
Max Barrier Kit w/ 2 Nitinol Guidewires	H965464601	H965464701	H965464801	H965464901
Max Barrier Kit w/ Dual Fenestrated Drape, Stylet and 1 Nitinol Guidewire	H965460221	H965460231	H965460241	H965460251
Max Barrier Kit w/ Dual Fenestrated Drape and 2 Nitinol Guidewires	H965460261	H965460271	H965460281	H965460291



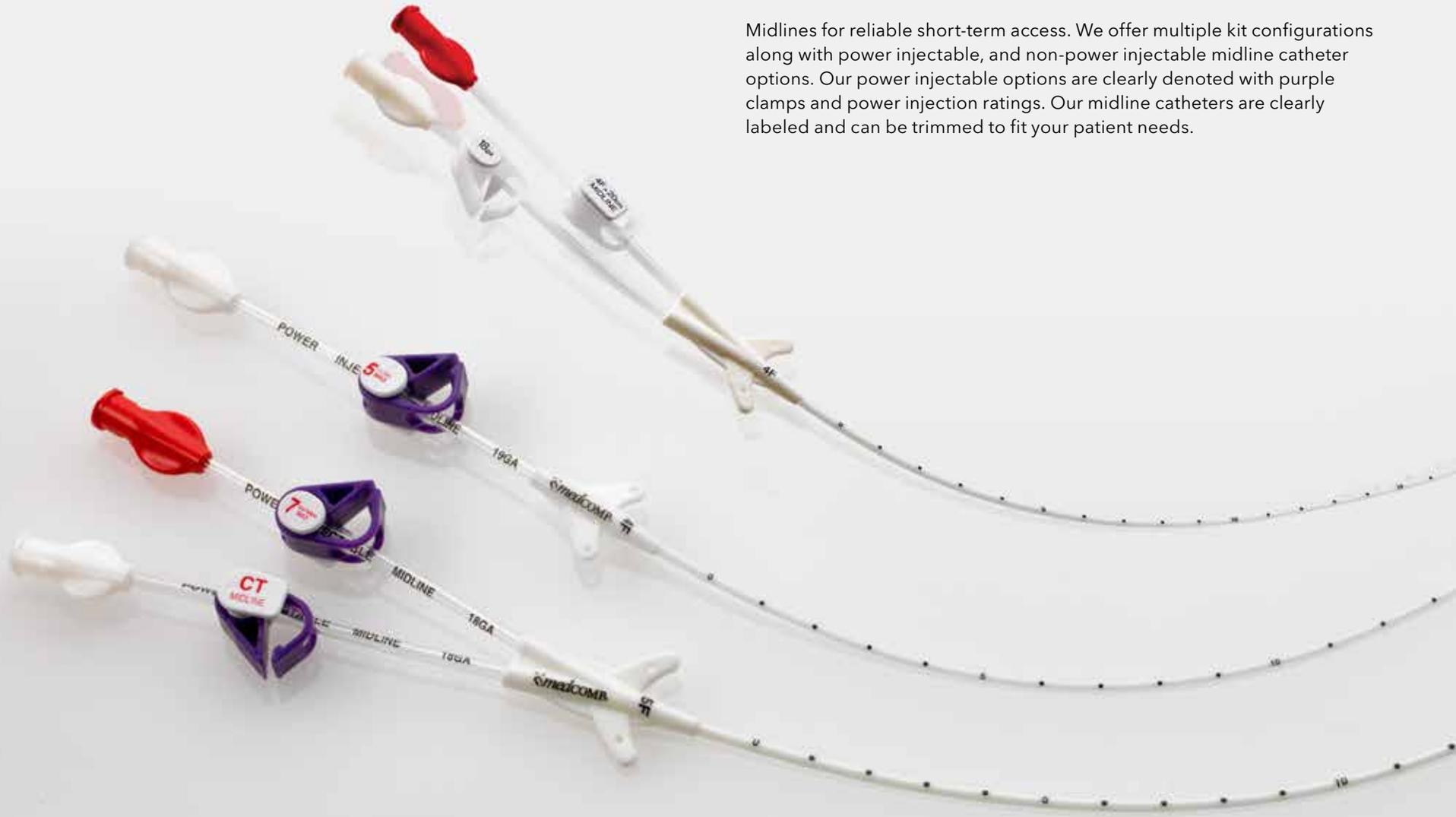
Streamline BioFlo® Midline (10 cm) – Ordering Information

Kit Description	French Size	
	3F–Single Lumen	4F–Single Lumen
Full Kit	H965460331	H965460431
Basic Kit	H965460321	H965460421

Some products or part numbers may not be available in all markets. Contact your local Spectrum Vascular sales representative or Customer Service for details.

Midline

Midlines for reliable short-term access. We offer multiple kit configurations along with power injectable, and non-power injectable midline catheter options. Our power injectable options are clearly denoted with purple clamps and power injection ratings. Our midline catheters are clearly labeled and can be trimmed to fit your patient needs.



Midline Kit BASIC SET

Midline with stylet
 Guidewire
 Needle free valve(s)
 Peelable introducer sheath
 Safety introducer needle
 Safety scalpel
 10 cc Syringe
 Tape measure(s)
 Catheter securement device
 Patient information pack
 Patient chart sticker
 Patient ID card*

Midline Kit MAXIMAL BARRIER KITS

Midline with stylet	5 cc Lidocaine	Adhesive wound dressing
Guidewire	Filter straw	Needle stick pad
Needle free valve(s)	Fenestrated drape	4" x 4" Gauze
Peelable introducer sheath	Introducer needle	2" x 2" Gauze
Safety introducer needle	5 cc Syringe	Steri-strips
Safety scalpel	Surgical tape	Tinted chlorhexidine
Tape measure(s)	Pre-filled saline syringe(s)	XL Gown
Catheter securement device	Surgical gloves	Probe cover with gel
Patient information pack	Scissors	Full body drape
Patient chart sticker	Face mask(s)	Surgical face mask with eye shield
Patient ID card*	Drape	Bouffant cap
Tourniquet	Hypodermic safety needle	
Chlorhexidine	Lidocaine/saline stickers	

* Patient ID card not included in Standard Midline kits

CT-Rated Midline • Ordering Guide

UPN	Lumens	Outer Diameter (F)	Reverse Taper Diameter (F)	Length (cm)	Flow Rate
BASIC MST KITS					
MLCTD4S20	Single	4	X	20	5 cc/sec
MLCTD5D20	Dual	5	X	20	7 cc/sec
FULL NURSING KITS					
MLCT4S20FN	Single	4	X	20	5 cc/sec
MLCT5D20FN	Dual	5	X	20	7 cc/sec
MAXIMAL BARRIER KITS					
MLCT4S20MB	Single	4	X	20	5 cc/sec
MLCT5D20MB	Dual	5	X	20	7 cc/sec

Non-CT Rated Midline • Ordering Guide

UPN	Lumens	Outer Diameter (F)	Reverse Taper Diameter (F)	Length (cm)	Guidewire
BASIC KITS					
ML3S20	Single	3	X	20	X
ML4S20	Single	4	X	20	X
ML5S20	Single	5	X	20	X
ML4D20	Dual	4	X	20	X
ML5D20	Dual	5	X	20	X
MAXIMAL BARRIER KITS					
ML4S20MB	Single	4	X	20	X
ML5S20MB	Single	5	X	20	X
ML4D20MB	Dual	4	X	20	X
ML5D20MB	Dual	5	X	20	X