

Vascular Access Catalog

FEBRUARY 2026



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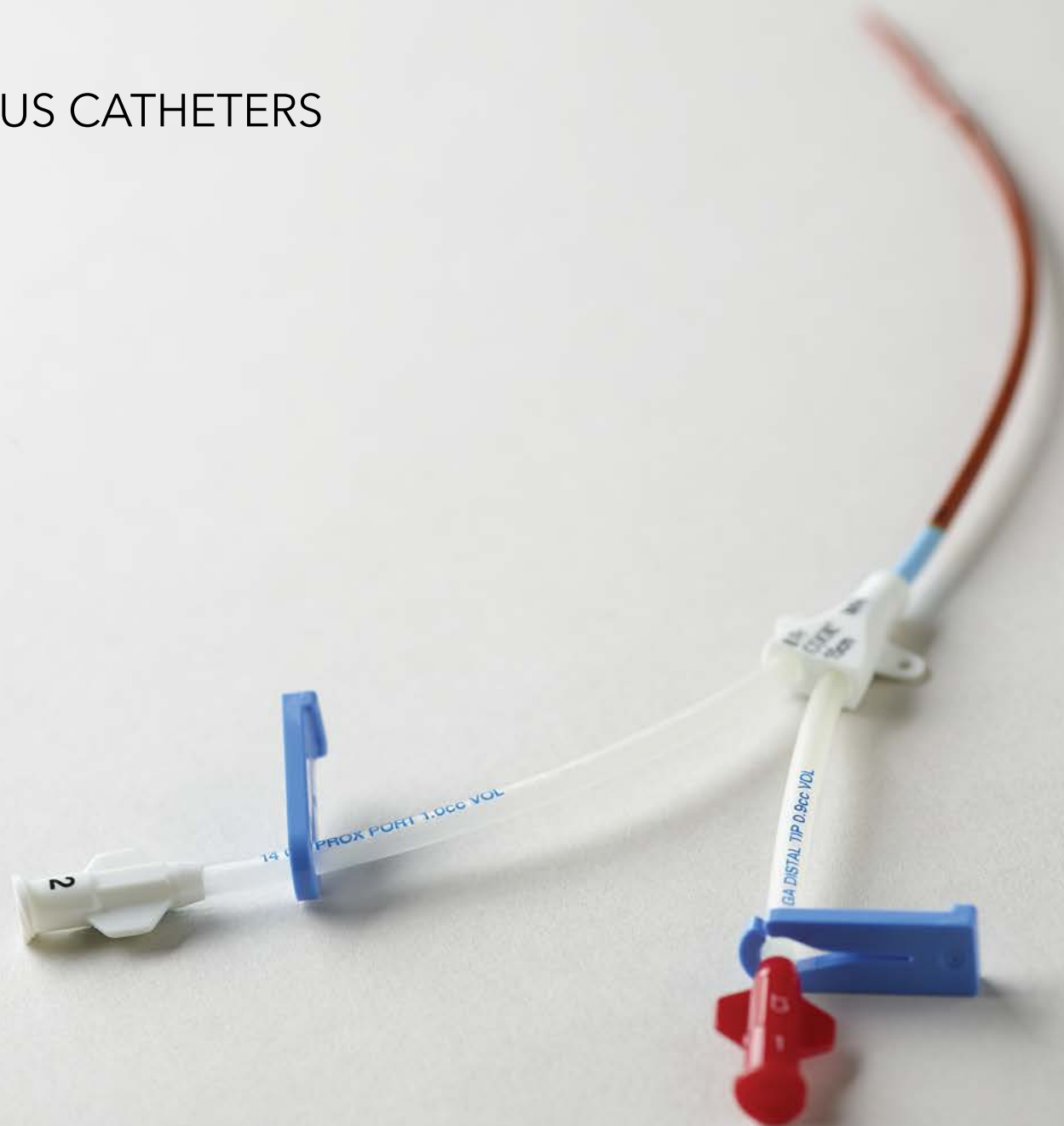
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Proven protection against CRBSIs.

CENTRAL VENOUS CATHETERS
(CVC)

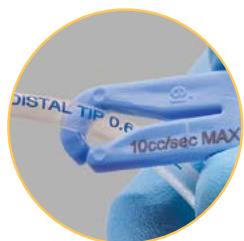


Central Venous Catheters (CVCs)

Multiple lumen options with high flow rates

Double lumen

Port	Suggested use
Distal	Whole blood or blood product delivery and sampling, any fluid requiring greater flow rate, central venous pressure (CVP) monitoring, medication delivery, power injection¹
Proximal	Medication delivery, acute hyperalimentation



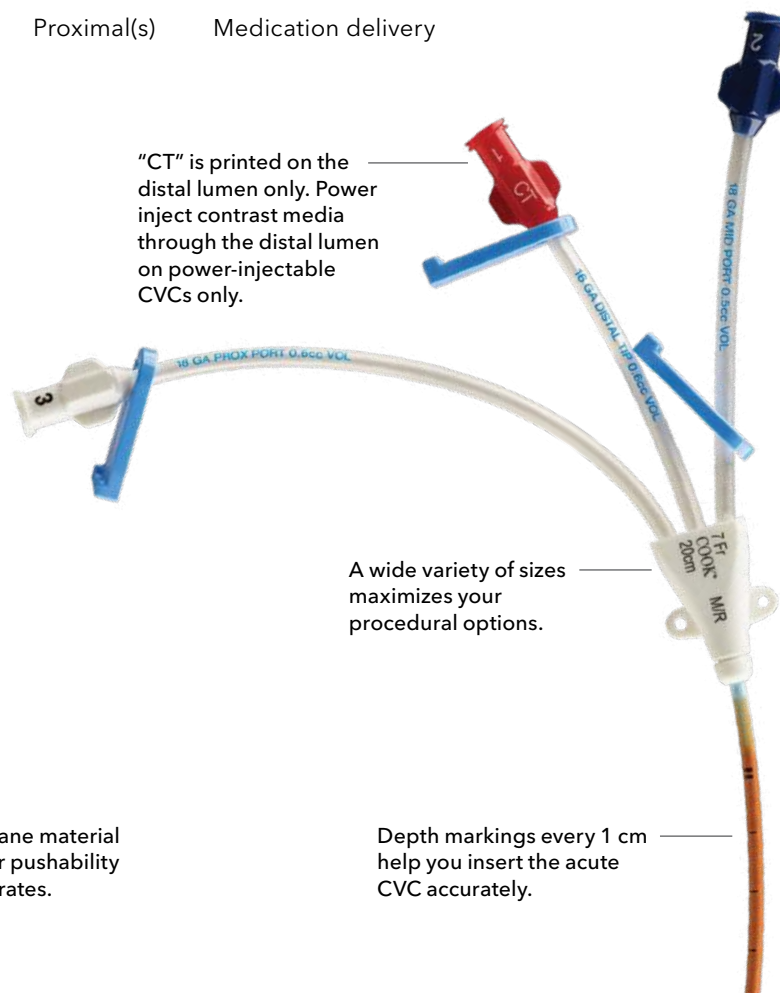
Maximum flow rates are 10 mL/sec.²

Blood product and power injection should be done through the distal lumen, as it is larger and has a greater flow rate. Be sure to temporarily stop infusions and clamp the middle and proximal ports to avoid contamination of blood when drawing samples from the distal lumen.

1. For power injection only - please refer to the IFU accompanying the product.
2. Maximum flow rates are only shown for power injection lumens.

Triple lumen and five lumen

Port	Suggested use
Distal	Whole blood or blood product delivery and sampling, any fluid requiring greater flow rate, CVP monitoring, medication delivery, power injection¹
Mid(s)	Medication delivery, acute hyperalimentation
Proximal(s)	Medication delivery



The polyurethane material is designed for pushability and high flow rates.

Depth markings every 1 cm help you insert the acute CVC accurately.

CVC set and tray options to support your procedures

Wide variety of sizes and configurations

 PREPARATION |  PLACEMENT |  POSTPROCEDURE

Spectrum Vascular's bedside sets and trays provide a convenient assortment of the components needed to place a central venous catheter (CVC) at the bedside. The sets and trays are ergonomical and sequentially organized to help support procedural efficiency and accuracy.



The CVC is designed for treatment of critically ill patients and is suggested for:

- Continuous or intermittent drug infusions
- CVP monitoring
- Acute hyperalimentation
- Blood sampling
- Delivery of whole blood or blood products
- Power injection of contrast media*

* For power injection only – please refer to the IFU accompanying the product.

Tray solutions to help you comply with recommendations from a variety of different organizations.

Spectrum™ and conventional CVC trays with maximal sterile barrier (PPE) components, including a cap, mask, and gown, are specifically designed to help support your facility's goal to minimize and prevent infection. Both tray options are designed to help meet your facilities' infection prevention guidelines:

- Agency for Healthcare Research and Quality (AHRQ)
- Centers for Disease Control and Prevention (CDC)
- The Comprehensive Unit-Based Safety Program (CUSP)
- Infectious Diseases Society of America (IDSA)
- Institute for Healthcare Improvement (IHI)
- The Joint Commission
- Society for Healthcare Epidemiology of America (SHEA)
- Occupational Safety & Health Administration (OSHA)

These organizations recommend PPE precautions and needlestick prevention to minimize injuries and reduce infections in both patients and clinicians.

* For complete information, please refer to the Instructions for Use that is included with each product.

Spectrum™* and Conventional CVC Trays

WITH PPE COMPONENTS



Preparation

Door stop sign
Catheter insertion checklist
Facemask with removable eye shield
Cap
XL Sterile gown
Large fenestrated drape with tear away capability (fully enveloped in CSR wrap)
Lidocaine and Lidocaine label
Filter straw
Prefilled sodium chloride syringes
Chloraprep® with Hi-Lite Orange™ Tint



Placement

Spectrum™ or conventional power-injectable** CVC
Catheter access entry needle
Dilator(s)
Wire guide and holder
EchoTip® echogenic needles
Safety scalpel
BakSnap® safety syringe(s)
22 and 25 Gage hypodermic needles
Needle holder cup
Braided silk sutures with curved needle
Needle driver
Sterile gauze sponges
6 mL and 12 mL disposable syringe
Transducer tubing
MicroClave® neutral displacement connectors
CSR wrap



Postprocedure

Locking sharps needle vise
Suture wing

Spectrum™* and Conventional CVC Trays

WITHOUT PPE COMPONENTS



Preparation

Full body drape
Lidocaine and Lidocaine label
Filter straw
Prefilled sodium chloride syringes
Chloraprep® with Hi-Lite Orange™ Tint



Placement

Spectrum™ or conventional power-injectable** CVC
Catheter access entry needle
Dilator(s)
Wire guide and holder
EchoTip® echogenic needles
Safety scalpel
BakSnap® safety syringe(s)
22 and 25 Gage hypodermic needles
Needle holder cup
Braided silk sutures with curved needle
Needle driver
Sterile gauze sponges
6 mL and 12 mL disposable syringe
Transducer tubing
MicroClave® neutral displacement connectors
CSR wrap



Postprocedure

Locking sharps needle vise
Suture wing

Spectrum™* and Conventional CVC Sets

WITH STANDARD COMPONENTS



Preparation

Procedural drape



Placement

Spectrum™ or conventional power-injectable** CVC
Dilator(s)
Wire guide and holder
EchoTip® echogenic needles
Safety scalpel
Catheter access entry needle
Needle holder cup
6 mL disposable syringe
MicroClave® neutral displacement connectors
CSR wrap

Note: Non-CAH sets only

CAH tray includes above plus:

#11 scalpel blade
5 cm and 7 cm needles
Needle holder cup
Needle vise port
Connecting tube



Postprocedure

Suture wing

Additional trays are available without lidocaine, pre-filled sodium chloride syringes, and Chloraprep with Hi-Lite Orange Tint, but are not listed in this brochure. Contact your local Spectrum Vascular sales representative for more details.

*Currently branded and sold as Cook Spectrum® Technology.

**Power-injectable CVCs are available in 7, 8, 9, and 10 Fr.

BakSnap is a registered trademark of DuoProSS Meditech Corp.

Chloraprep is a registered trademark of CareFusion 2200, Inc.

Hi-Lite Orange is a trademark of CareFusion 2200, Inc.

MicroClave is a registered trademark of ICU Medical, Inc.

StatLock is a registered trademark of C.R. Bard, Inc.

Provide your patients with proven protection against catheter-related bloodstream infections (CRBSIs)¹.



The right combination

Catheters are impregnated with a combination of the antibiotics minocycline and rifampin in order to help patients by providing proven protection against CRBSIs.¹



Robust evidence

The efficacy of Spectrum™ is supported by more than 30 sources published over the past two decades, including peer-reviewed studies and meta-analyses.



No evidence of increased resistance

More than 10 years of clinical use and a 7-year study of more than 500,000 Spectrum™ catheter days have shown no evidence of increased antibiotic resistance.³



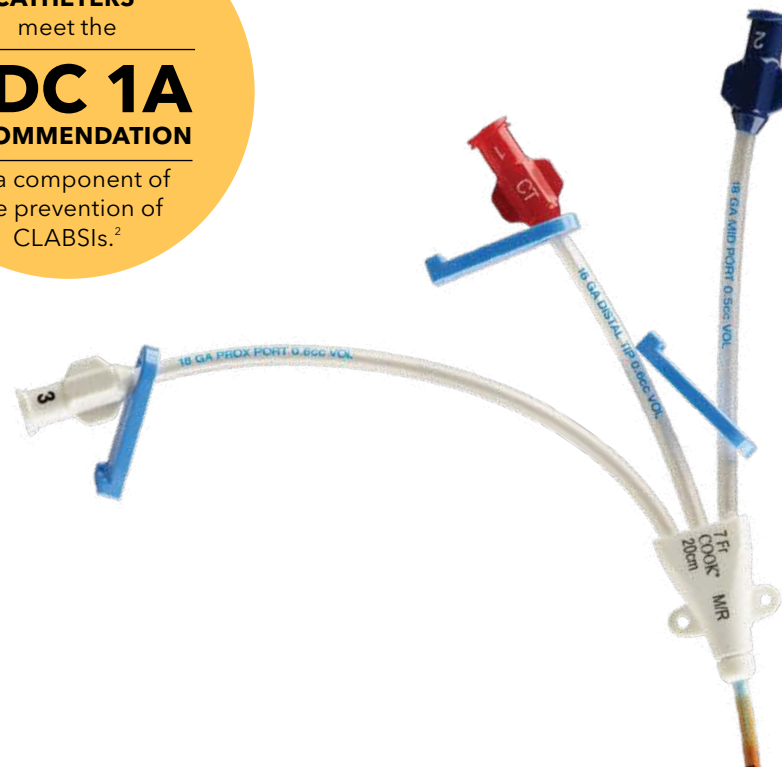
Worth switching

Switching from uncoated catheters to Spectrum™ catheters helps provide quality patient care by decreasing the risk for CRBSIs and the costs associated with treating them.^{1,4}

**SPECTRUM™
CATHETERS***
meet the

**CDC 1A
RECOMMENDATION**

as a component of
the prevention of
CLABSIs.²



*Currently branded and sold as Cook Spectrum® Technology.

1. Raad I, Darouiche R, Dupuis J, et al. Central venous catheters coated with minocycline and rifampin for the prevention of catheter-related colonization and bloodstream infections: a randomized, double-blind trial. *Ann Intern Med.* 1997;127(4):267-274.
2. O'Grady N, Alexander M, Burns L, et al. Guidelines for the prevention of intravascular catheter-related infections, 2011. Centers for Disease Control and Prevention Web site. www.cdc.gov/infectioncontrol/guidelines/pdf/bsi/bsi-guidelines-H.pdf. Updated October 2017. Accessed October 26, 2018. The 1A recommendation from the Centers for Disease Control and Prevention (CDC) guidelines for the prevention of intravascular catheter-related infections, 2011, is to "use a chlorhexidine/silver sulfadiazine or minocycline/rifampin-impregnated CVC in patients whose catheter is expected to remain in place >5 days if, after successful implementation of a comprehensive strategy to reduce rates of CLABSI, the CLABSI rate is not decreasing."
3. Ramos ER, Reitzel R, Jiang Y, et al. Clinical effectiveness and risk of emerging resistance associated with prolonged use of antibiotic-impregnated catheters: more than 0.5 million catheter days and 7 years of clinical experience. *Crit Care Med.* 2011;39(2):245-251.
4. Zimlichman E, Henderson D, Tamir O, et al. Health care-associated infections: a meta-analysis of costs and financial impact on the US health care system. *JAMA Intern Med.* 2013;173(22):2039-2046.

Learn more about Spectrum™ Technology, including links to research on Spectrum™, at spectrumvascular.com

Spectrum™* CVC Trays ○ WITH PPE COMPONENTS

UPN	Reference Part Number	Cross-section	Lumens	Catheter Fr	Catheter Length cm	Wire Guide Diameter inch	Wire Guide Length cm	Needle gage/ Length cm	Port	Equivalent gage	Minimum Lumen Volume mL	Approximate Flow Rate mL/hr	Maximum Flow Rate mL/sec	Average Hub Pressure at Maximum Flow psi
G48059	C-UDLMY-401J-PED-ABRM-HC-IHI-FST		2	4	5	.018	30	21/4	Distal	20	.2	780	-	-
									Proximal	23	.2	180	-	-
G48053	C-UDLMY-401J-ABRM-HC-IHI-FST		2	4	8	.018	40	21/4	Distal	20	.2	780	-	-
									Proximal	23	.2	180	-	-
G48061	C-UDLMY-401J-RSC-ABRM-HC-IHI-FST		2	4	12	.018	40	21/4	Distal	20	.2	780	-	-
									Proximal	23	.2	180	-	-
G48056	C-UDLMY-401J-LSC-ABRM-HC-IHI-FST		2	4	15	.018	50	21/4	Distal	20	.2	780	-	-
									Proximal	23	.2	180	-	-
G48122	C-UTLMY-501J-PED-ABRM-HC-IHI-FST		3	5	5	.025	30	19/4	Distal	18	.3	1,200	-	-
									Mid	23	.2	120	-	-
									Proximal	23	.2	120	-	-
G48113	C-UTLMY-501J-ABRM-HC-IHI-FST		3	5	8	.025	40	19/4	Distal	18	.3	1,200	-	-
									Mid	23	.2	120	-	-
									Proximal	23	.2	120	-	-
G48124	C-UTLMY-501J-RSC-ABRM-HC-IHI-FST		3	5	12	.025	40	19/4	Distal	18	.3	1,200	-	-
									Mid	23	.2	120	-	-
									Proximal	23	.2	120	-	-
G48117	C-UTLMY-501J-LSC-ABRM-HC-IHI-FST		3	5	15	.025	50	19/4	Distal	18	.3	1,200	-	-
									Mid	23	.2	120	-	-
									Proximal	23	.2	120	-	-
G49803	C-UTLMY-701J-ABRM-HC-IHI-FST-A-RD		3	7	15	.032	60	18/5, 7	Distal	16	.6	3,840	10	143.3
									Mid	18	.5	1,560	-	-
									Proximal	18	.6	1,860	-	-
G44809	C-UTLMYJ-701J-ABRM-HC-IHI-FST-A-RD		3	7	15	.032	60	18/5, 7	Distal	16	.6	3,840	10	143.3
									Mid	18	.5	1,560	-	-
									Proximal	18	.6	1,860	-	-
G49804	C-UTLMY-701J-RSC-ABRM-HC-IHI-FST-A-RD		3	7	20	.032	60	18/5, 7	Distal	16	.6	3,840	10	143.3
									Mid	18	.5	1,560	-	-
									Proximal	18	.6	1,860	-	-
G44807	C-UTLMYJ-701J-RSC-ABRM-HC-IHI-FST-A-RD		3	7	20	.032	60	18/5, 7	Distal	16	.6	3,840	10	143.3
									Mid	18	.5	1,560	-	-
									Proximal	18	.6	1,860	-	-
G49807	C-UTLMY-701J-LSC-ABRM-HC-IHI-FST-A-RD		3	7	25	.032	60	18/5, 7	Distal	16	.6	3,840	10	143.3
									Mid	18	.5	1,560	-	-
									Proximal	18	.6	1,860	-	-
G44815	C-UTLMYJ-701J-LSC-ABRM-HC-IHI-FST-A-RD		3	7	25	.032	60	18/5, 7	Distal	16	.6	3,840	10	143.3
									Mid	18	.5	1,560	-	-
									Proximal	18	.6	1,860	-	-
G50821	C-UDLMY-801J-ABRM-HC-IHI-FST-A		2	8	15	.032	60	18/5, 7	Distal	14	.9	6,780	10	55.1
									Proximal	14	1	7,260	-	-

*Currently branded and sold as Cook Spectrum® Technology.

Spectrum™* CVC Trays ○ WITH PPE COMPONENTS

UPN	Reference Part Number	Cross-section	Lumens	Catheter Fr	Catheter Length cm	Wire Guide Diameter inch	Wire Guide Length cm	Needle gage/ Length cm	Port	Equivalent gage	Minimum Lumen Volume mL	Approximate Flow Rate mL/hr	Maximum Flow Rate mL/sec	Average Hub Pressure at Maximum Flow psi
G44792	C-UDLMY-801J-ABRM-HC-IHI-FST-A		2	8	15	.032	60	18/5, 7	Distal	14	.9	6,780	10	55.1
									Proximal	14	1	7,260	-	-
G50822	C-UDLMY-801J-RSC-ABRM-HC-IHI-FST-A		2	8	20	.032	60	18/5, 7	Distal	14	.9	6,780	10	55.1
									Proximal	14	1	7,260	-	-
G44794	C-UDLMYJ-801J-RSC-ABRM-HC-IHI-FST-A		2	8	20	.032	60	18/5, 7	Distal	14	.9	6,780	10	55.1
									Proximal	14	1	7,260	-	-
G51589	C-UTLMY-901J-ABRM-HC-IHI-FST-A-RD		3	9	15	.032	60	18/5, 7	Distal	14	.9	10,140	10	35.8
									Mid	18	.4	1,380	-	-
									Proximal	18	.5	1,440	-	-
G44812	C-UTLMYJ-901J-ABRM-HC-IHI-FST-A-RD		3	9	15	.032	60	18/5, 7	Distal	14	.9	10,140	10	35.8
									Mid	18	.4	1,380	-	-
									Proximal	18	.5	1,440	-	-
G51590	C-UTLMY-901J-RSC-ABRM-HC-IHI-FST-A-RD		3	9	20	.032	60	18/5, 7	Distal	14	.9	10,140	10	35.8
									Mid	18	.4	1,380	-	-
									Proximal	18	.5	1,440	-	-
G44813	C-UTLMYJ-901J-RSC-ABRM-HC-IHI-FST-A-RD		3	9	20	.032	60	18/5, 7	Distal	14	.9	10,140	10	35.8
									Mid	18	.4	1,380	-	-
									Proximal	18	.5	1,440	-	-
G51546	C-UQLMY-1001J-ABRM-HC-IHI-FST-A-RD		5	10	15	.032	60	18/5, 7	Distal	14	.9	8,820	10	32.1
									Mid	17	.4	2,880	-	-
									Mid	17	.4	2,940	-	-
									Proximal	19	.2	840	-	-
									Proximal	19	.2	840	-	-
G44802	C-UQLMYJ-1001J-ABRM-HC-IHI-FST-A- RD		5	10	15	.032	60	18/5, 7	Distal	14	.9	8,820	10	32.1
									Mid	17	.4	2,880	-	-
									Mid	17	.4	2,940	-	-
									Proximal	19	.2	840	-	-
									Proximal	19	.2	840	-	-
G51548	C-UQLMY-1001J-RSC-ABRM-HC-IHI-FST-A-RD		5	10	20	.032	60	18/5, 7	Distal	14	.9	8,820	10	32.1
									Mid	17	.4	2,880	-	-
									Mid	17	.4	2,940	-	-
									Proximal	19	.2	840	-	-
									Proximal	19	.2	840	-	-
G44801	C-UQLMYJ-1001J-RSC-ABRM-HC-IHI-FST-A-RD		5	10	20	.032	60	18/5, 7	Distal	14	.9	8,820	10	32.1
									Mid	17	.4	2,880	-	-
									Mid	17	.4	2,940	-	-
									Proximal	19	.2	840	-	-
									Proximal	19	.2	840	-	-

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Spectrum™* CVC Trays ○ WITHOUT PPE COMPONENTS

UPN	Reference Part Number	Cross-section	Lumens	Catheter Fr	Catheter Length cm	Wire Guide Diameter inch	Wire Guide Length cm	Needle gage/Length cm	Port	Equivalent gage	Minimum Lumen Volume mL	Approximate Flow Rate mL/hr	Maximum Flow Rate mL/sec	Average Hub Pressure at Maximum Flow psi
G43992	C-UDLMY-401J-PED-ABRM-HC-FST		2	4	5	.018	30	21/4	Distal	20	.2	780	-	-
									Proximal	23	.2	180	-	-
G43991	C-UDLMY-401J-ABRM-HC-FST		2	4	8	.018	40	21/4	Distal	20	.2	780	-	-
									Proximal	23	.2	180	-	-
G43993	C-UDLMY-401J-RSC-ABRM-HC-FST		2	4	12	.018	40	21/4	Distal	20	.2	780	-	-
									Proximal	23	.2	180	-	-
G43994	C-UDLMY-401J-LSC-ABRM-HC-FST		2	4	15	.018	40	21/4	Distal	20	.2	780	-	-
									Proximal	23	.2	180	-	-
G44014	C-UTLMY-501J-PED-ABRM-HC-FST		3	5	5	.025	30	19/4	Distal	18	.3	1,200	-	-
									Mid	23	.2	120	-	-
									Proximal	23	.2	120	-	-
G44013	C-UTLMY-501J-ABRM-HC-FST		3	5	8	.025	40	19/4	Distal	18	.3	1,200	-	-
									Mid	23	.2	120	-	-
									Proximal	23	.2	120	-	-
G44015	C-UTLMY-501J-RSC-ABRM-HC-FST		3	5	12	.025	40	19/4	Distal	18	.3	1,200	-	-
									Mid	23	.2	120	-	-
									Proximal	23	.2	120	-	-
G44016	C-UTLMY-501J-LSC-ABRM-HC-FST		3	5	15	.025	40	19/4	Distal	18	.3	1,200	-	-
									Mid	23	.2	120	-	-
									Proximal	23	.2	120	-	-
G44126	C-UTLMY-701J-ABRM-HC-FST-A-RD		3	7	15	.032	60	18/5, 7	Distal	16	.6	3,840	10	143.3
									Mid	18	.5	1,560	-	-
									Proximal	18	.6	1,860	-	-
G44808	C-UTLMY-701J-ABRM-HC-FST-A-RD		3	7	15	.032	60	18/5, 7	Distal	16	.6	3,840	10	143.3
									Mid	18	.5	1,560	-	-
									Proximal	18	.6	1,860	-	-
G47831	C-UTLMY-701J-ABRM-HC-FST-RD		3	7	15	.032	60	18/5, 7	Distal	16	.6	3,840	10	143.3
									Mid	18	.5	1,560	-	-
									Proximal	18	.6	1,860	-	-
G47833	C-UTLMY-701J-RSC-ABRM-HC-FST-RD		3	7	20	.032	60	18/5, 7	Distal	16	.6	3,840	10	143.3
									Mid	18	.5	1,560	-	-
									Proximal	18	.6	1,860	-	-
G44128	C-UTLMY-701J-RSC-ABRM-HC-FST-A-RD		3	7	20	.032	60	18/5, 7	Distal	16	.6	3,840	10	143.3
									Mid	18	.5	1,560	-	-
									Proximal	18	.6	1,860	-	-
G44806	C-UTLMY-701J-RSC-ABRM-HC-FST-A-RD		3	7	20	.032	60	18/5, 7	Distal	16	.6	3,840	10	143.3
									Mid	18	.5	1,560	-	-
									Proximal	18	.6	1,860	-	-

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Spectrum™* CVC Trays ○ WITHOUT PPE COMPONENTS

UPN	Reference Part Number	Cross-section	Lumens	Catheter Fr	Catheter Length cm	Wire Guide Diameter inch	Wire Guide Length cm	Needle gage/ Length cm	Port	Equivalent gage	Minimum Lumen Volume mL	Approximate Flow Rate mL/hr	Maximum Flow Rate mL/sec	Average Hub Pressure at Maximum Flow psi
G44127	C-UTLMY-701J-LSC-ABRM-HC-FST-A-RD		3	7	25	.032	60	18/5, 7	Distal	16	.6	3,840	10	143.3
									Mid	18	.5	1,560	-	-
									Proximal	18	.6	1,860	-	-
G44814	C-UTLMYJ-701J-LSC-ABRM-HC-FST-A-RD		3	7	25	.032	60	18/5, 7	Distal	16	.6	3,840	10	143.3
									Mid	18	.5	1,560	-	-
									Proximal	18	.6	1,860	-	-
G47832	C-UTLMY-701J-LSC-ABRM-HC-FST-RD		3	7	25	.032	60	18/5, 7	Distal	16	.6	3,840	10	143.3
									Mid	18	.5	1,560	-	-
									Proximal	18	.6	1,860	-	-
G50819	C-UDLMY-801J-ABRM-HC-FST-A		2	8	15	.032	60	18/5, 7	Distal	14	.9	6,780	10	55.1
									Proximal	14	1	7,260	-	-
G44793	C-UDLMYJ-801J-ABRM-HC-FST-A		2	8	15	.032	60	18/5, 7	Distal	14	.9	6,780	10	55.1
									Proximal	14	1	7,260	-	-
G50820	C-UDLMY-801J-RSC-ABRM-HC-FST-A		2	8	20	.032	60	18/5, 7	Distal	14	.9	6,780	10	55.1
									Proximal	14	1	7,260	-	-
G44795	C-UDLMYJ-801J-RSC-ABRM-HC-FST-A		2	8	20	.032	60	18/5, 7	Distal	14	.9	6,780	10	55.1
									Proximal	14	1	7,260	-	-
G51586	C-UTLMY-901J-ABRM-HC-FST-A-RD		3	9	15	.032	60	18/5, 7	Distal	14	.9	10,140	10	35.8
									Mid	18	.4	1,380	-	-
									Proximal	18	.5	1,440	-	-
G44811	C-UTLMYJ-901J-ABRM-HC-FST-A-RD		3	9	15	.032	60	18/5, 7	Distal	14	.9	10,140	10	35.8
									Mid	18	.4	1,380	-	-
									Proximal	18	.5	1,440	-	-
G51587	C-UTLMY-901J-RSC-ABRM-HC-FST-A-RD		3	9	20	.032	60	18/5, 7	Distal	14	.9	10,140	10	35.8
									Mid	18	.4	1,380	-	-
									Proximal	18	.5	1,440	-	-
G44810	C-UTLMYJ-901J-RSC-ABRM-HC-FST-A- RD		3	9	20	.032	60	18/5, 7	Distal	14	.9	10,140	10	35.8
									Mid	18	.4	1,380	-	-
									Proximal	18	.5	1,440	-	-
G51588	C-UTLMY-901J-LSC-ABRM-HC-FST-A-RD		3	9	25	.032	60	18/5, 7	Distal	14	.9	10,140	10	35.8
									Mid	18	.4	1,380	-	-
									Proximal	18	.5	1,440	-	-
G44816	C-UTLMYJ-901J-LSC-ABRM-HC-FST-A- RD		3	9	25	.032	60	18/5, 7	Distal	14	.9	10,140	10	35.8
									Mid	18	.4	1,380	-	-
									Proximal	18	.5	1,440	-	-

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Spectrum™* CVC Trays ○ WITHOUT PPE COMPONENTS

UPN	Reference Part Number	Cross-section	Lumens	Catheter Fr	Catheter Length cm	Wire Guide Diameter inch	Wire Guide Length cm	Needle gage/Length cm	Port	Equivalent gage	Minimum Lumen Volume mL	Approximate Flow Rate mL/hr	Maximum Flow Rate mL/sec	Average Hub Pressure at Maximum Flow psi
G51543	C-UQLMY-1001J-ABRM-HC-FST-A-RD		5	10	15	.032	60	18/5, 7	Distal	14	.9	8,820	10	32.1
									Mid	17	.4	2,880	-	-
									Mid	17	.4	2,940	-	-
									Proximal	19	.2	840	-	-
									Proximal	19	.2	840	-	-
G44804	C-UQLMYJ-1001J-ABRM-HC-FST-A-RD		5	10	15	.032	60	18/5, 7	Distal	14	.9	8,820	10	32.1
									Mid	17	.4	2,880	-	-
									Mid	17	.4	2,940	-	-
									Proximal	19	.2	840	-	-
									Proximal	19	.2	840	-	-
G51545	C-UQLMY-1001J-RSC-ABRM-HC-FST-A-RD		5	10	20	.032	60	18/5, 7	Distal	14	.9	8,820	10	32.1
									Mid	17	.4	2,880	-	-
									Mid	17	.4	2,940	-	-
									Proximal	19	.2	840	-	-
									Proximal	19	.2	840	-	-
G44800	C-UQLMYJ-1001J-RSC-ABRM-HC-FST- A-RD		5	10	20	.032	60	18/5, 7	Distal	14	.9	8,820	10	32.1
									Mid	17	.4	2,880	-	-
									Mid	17	.4	2,940	-	-
									Proximal	19	.2	840	-	-
									Proximal	19	.2	840	-	-
G51544	C-UQLMY-1001J-LSC-ABRM-HC-FST-A-RD		5	10	20	.032	60	18/5, 7	Distal	14	.9	8,820	10	32.1
									Mid	17	.4	2,880	-	-
									Mid	17	.4	2,940	-	-
									Proximal	19	.2	840	-	-
									Proximal	19	.2	840	-	-
G44803	C-UQLMYJ-1001J-LSC-ABRM-HC-FST- A-RD		5	10	25	.032	60	18/5, 7	Distal	14	.9	8,820	10	32.1
									Mid	17	.4	2,880	-	-
									Mid	17	.4	2,940	-	-
									Proximal	19	.2	840	-	-
									Proximal	19	.2	840	-	-

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Spectrum™* CVC Sets ○ WITH STANDARD COMPONENTS

UPN	Reference Part Number	Cross-section	Lumens	Catheter Fr	Catheter Length cm	Wire Guide Diameter inch	Wire Guide Length cm	Needle gage/ Length cm	Port	Equivalent gage	Minimum Lumen Volume mL	Approximate Flow Rate mL/hr	Maximum Flow Rate mL/sec	Average Hub Pressure at Maximum Flow psi
G43984	C-UDLM-401J-PED-ABRM-HC	⊙	2	4	5	.018	30	21/4	Distal	20	.2	780	-	-
									Proximal	23	.2	180	-	-
G24752	C-UDLM-401J-PED-ABRM-HC-CAH	⊙	2	4	5	.018	30	21/4	Distal	20	.2	780	-	-
									Proximal	23	.2	180	-	-
G43983	C-UDLM-401J-ABRM-HC	⊙	2	4	8	.018	40	21/4	Distal	20	.2	780	-	-
									Proximal	23	.2	180	-	-
G24754	C-UDLM-401J-ABRM-HC-CAH	⊙	2	4	8	.018	40	21/4	Distal	20	.2	780	-	-
									Proximal	23	.2	180	-	-
G43985	C-UDLM-401J-RSC-ABRM-HC	⊙	2	4	12	.018	40	21/4	Distal	20	.2	780	-	-
									Proximal	23	.2	180	-	-
G24755	C-UDLM-401J-RSC-ABRM-HC-CAH	⊙	2	4	12	.018	40	21/4	Distal	20	.2	780	-	-
									Proximal	23	.2	180	-	-
G43986	C-UDLM-401J-LSC-ABRM-HC	⊙	2	4	15	.018	50	21/4	Distal	20	.2	780	-	-
									Proximal	23	.2	180	-	-
G44006	C-UTLM-501J-PED-ABRM-HC	⊙	3	5	5	.025	30	19/4	Distal	18	.3	1,200	-	-
									Mid	23	.2	120	-	-
									Proximal	23	.2	120	-	-
G24804	C-UTLM-501J-PED-ABRM-HC-CAH	⊙	3	5	5	.025	30	19/4	Distal	18	.3	1,200	-	-
									Mid	23	.2	120	-	-
									Proximal	23	.2	120	-	-
G44005	C-UTLM-501J-ABRM-HC	⊙	3	5	8	.025	40	19/4	Distal	18	.3	1,200	-	-
									Mid	23	.2	120	-	-
									Proximal	23	.2	120	-	-
G24803	C-UTLM-501J-ABRM-HC-CAH	⊙	3	5	8	.025	40	19/4	Distal	18	.3	1,200	-	-
									Mid	23	.2	120	-	-
									Proximal	23	.2	120	-	-
G44007	C-UTLM-501J-RSC-ABRM-HC	⊙	3	5	12	.025	40	19/4	Distal	18	.3	1,200	-	-
									Mid	23	.2	120	-	-
									Proximal	23	.2	120	-	-
G24765	C-UTLM-501J-RSC-ABRM-HC-CAH	⊙	3	5	12	.025	40	19/4	Distal	18	.3	1,200	-	-
									Mid	23	.2	120	-	-
									Proximal	23	.2	120	-	-

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Spectrum™* CVC Sets ○ WITH STANDARD COMPONENTS

UPN	Reference Part Number		Lumens	Catheter Fr	Catheter Length cm	Wire Guide Diameter inch	Wire Guide Length cm	Needle gage/Length cm	Port	Equivalent gage	Minimum Lumen Volume mL	Approximate Flow Rate mL/hr	Maximum Flow Rate mL/sec	Average Hub Pressure at Maximum Flow psi
G44008	C-UTLM-501J-LSC-ABRM-HC	☹	3	5	15	.025	50	19/4	Distal	18	.3	1,200	-	-
									Mid	23	.2	120	-	-
									Proximal	23	.2	120	-	-
G24805	C-UTLM-501J-LSC-ABRM-HC-CAH	☹	3	5	15	.025	50	19/4	Distal	18	.3	1,200	-	-
									Mid	23	.2	120	-	-
									Proximal	23	.2	120	-	-
G47825	C-UTLM-701J-ABRM-HC-RD	☹☹	3	7	15	.032	60	18/5, 7	Distal	16	.6	3,840	10	143.3
									Mid	18	.5	1,560	-	-
									Proximal	18	.6	1,860	-	-
G24809	C-UTLM-701J-ABRM-HC-RD-CAH	☹☹	3	7	15	.032	60	18/5, 7	Distal	16	.6	3,840	10	143.3
									Mid	18	.5	1,560	-	-
									Proximal	18	.6	1,860	-	-
G47829	C-UTLM-701J-RSC-ABRM-HC-RD	☹☹	3	7	20	.032	60	18/5, 7	Distal	16	.6	3,840	10	143.3
									Mid	18	.5	1,560	-	-
									Proximal	18	.6	1,860	-	-
G24810	C-UTLM-701J-RSC-ABRM-HC-RD-CAH	☹☹	3	7	20	.032	60	18/5, 7	Distal	16	.6	3,840	10	143.3
									Mid	18	.5	1,560	-	-
									Proximal	18	.6	1,860	-	-
G47827	C-UTLM-701J-LSC-ABRM-HC-RD	☹☹	3	7	25	.032	60	18/5, 7	Distal	16	.6	3,840	10	143.3
									Mid	18	.5	1,560	-	-
									Proximal	18	.6	1,860	-	-
G24812	C-UTLM-701J-LSC-ABRM-HC-RD-CAH	☹☹	3	7	25	.032	60	18/5, 7	Distal	16	.6	3,840	10	143.3
									Mid	18	.5	1,560	-	-
									Proximal	18	.6	1,860	-	-
G50817	C-UDLM-801J-ABRM-HC	☹☹	2	8	15	.032	60	18/5, 7	Distal	14	.9	6,780	10	55.1
									Proximal	14	1	7,260	-	-
G24716	C-UDLM-801J-ABRM-HC-CAH	☹☹	2	8	15	.032	60	18/5, 7	Distal	14	.9	6,780	10	55.1
									Proximal	14	1	7,260	-	-
G50818	C-UDLM-801J-RSC-ABRM-HC	☹☹	2	8	20	.032	60	18/5, 7	Distal	14	.9	6,780	10	55.1
									Proximal	14	1	7,260	-	-
G24717	C-UDLM-801J-RSC-ABRM-HC-CAH	☹☹	2	8	20	.032	60	18/5, 7	Distal	14	.9	6,780	10	55.1
									Proximal	14	1	7,260	-	-
G24718	C-UDLM-801J-LSC-ABRM-HC-CAH	☹☹	2	8	25	.032	60	18/5, 7	Distal	14	.9	6,780	10	55.1
									Proximal	14	1	7,260	-	-

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Spectrum™ CVC Sets ○ WITH STANDARD COMPONENTS

UPN	Reference Part Number		Lumens	Catheter Fr	Catheter Length cm	Wire Guide Diameter inch	Wire Guide Length cm	Needle gage/ Length cm	Port	Equivalent gage	Minimum Lumen Volume mL	Approximate Flow Rate mL/hr	Maximum Flow Rate mL/sec	Average Hub Pressure at Maximum Flow psi
G24719	C-UTLM-901J-ABRM-HC-RD-CAH	⊙	3	9	15	.032	60	18/5, 7	Distal	14	.9	10,140	10	35.8
									Mid	18	.4	1,380	-	-
									Proximal	18	.5	1,440	-	-
G24722	C-UTLM-901J-RSC-ABRM-HC-RD-CAH	⊙	3	9	20	.032	60	18/5, 7	Distal	14	.9	10,140	10	35.8
									Mid	18	.4	1,380	-	-
									Proximal	18	.5	1,440	-	-
G24721	C-UTLM-901J-LSC-ABRM-HC-RD-CAH	⊙	3	9	25	.032	60	18/5, 7	Distal	14	.9	10,140	10	35.8
									Mid	18	.4	1,380	-	-
									Proximal	18	.5	1,440	-	-
G51537	C-UQLM-1001J-ABRM-HC-RD	⊙	5	10	15	.032	60	18/5, 7	Distal	14	.9	8,820	10	32.1
									Mid	17	.4	2,880	-	-
									Mid	17	.4	2,940	-	-
									Proximal	19	.2	840	-	-
									Proximal	19	.2	840	-	-
G24821	C-UQLM-1001J-ABRM-HC-RD-CAH	⊙	5	10	15	.032	60	18/5, 7	Distal	14	.9	8,820	10	32.1
									Mid	17	.4	2,880	-	-
									Mid	17	.4	2,940	-	-
									Proximal	19	.2	840	-	-
									Proximal	19	.2	840	-	-
G51539	C-UQLM-1001J-RSC-ABRM-HC-RD	⊙	5	10	20	.032	60	18/5, 7	Distal	14	.9	8,820	10	32.1
									Mid	17	.4	2,880	-	-
									Mid	17	.4	2,940	-	-
									Proximal	19	.2	840	-	-
									Proximal	19	.2	840	-	-
G24822	C-UQLM-1001J-RSC-ABRM-HC-RD-CAH	⊙	5	10	20	.032	60	18/5, 7	Distal	14	.9	8,820	10	32.1
									Mid	17	.4	2,880	-	-
									Mid	17	.4	2,940	-	-
									Proximal	19	.2	840	-	-
									Proximal	19	.2	840	-	-
G24823	C-UQLM-1001J-LSC-ABRM-HC-RD-CAH	⊙	5	10	25	.032	60	18/5, 7	Distal	14	.9	8,820	10	32.1
									Mid	17	.4	2,880	-	-
									Mid	17	.4	2,940	-	-
									Proximal	19	.2	840	-	-
									Proximal	19	.2	840	-	-

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Conventional CVC Trays • WITH PPE COMPONENTS

UPN	Reference Part Number	Cross-section	Lumens	Catheter Fr	Catheter Length cm	Wire Guide Diameter inch	Wire Guide Length cm	Needle gage/ Length cm	Port	Equivalent gage	Minimum Lumen Volume mL	Approximate Flow Rate mL/hr	Maximum Flow Rate mL/sec	Average Hub Pressure at Maximum Flow psi
G58850	UDLMY-4.0-18-1-5-IHI		2	4	5	.018	30	21/4	Distal	20	.2	534	3	98.1
									Mid	23	.1	96	-	-
G58846	UDLMY-4.0-18-1-8-IHI		2	4	8	.018	40	21/4	Distal	20	.2	534	3	98.1
									Mid	23	.1	96	-	-
G58852	UDLMY-4.0-18-1-12-IHI		2	4	12	.018	40	21/4	Distal	20	.2	534	3	98.1
									Mid	23	.1	96	-	-
G58848	UDLMY-4.0-18-1-15-IHI		2	4	15	.018	50	21/4	Distal	20	.2	534	3	98.1
									Proximal	23	.1	96	-	-
G58858	UDLMY-5.0-18-1-5-IHI		2	5	5	.018	30	21/4	Distal	20	.2	564	3	217.8
									Mid	20	.2	660	-	-
G58854	UDLMY-5.0-18-1-8-IHI		2	5	8	.018	40	21/4	Distal	20	.2	534	3	217.8
									Mid	23	.1	96	-	-
G58860	UDLMY-5.0-18-1-12-IHI		2	5	12	.018	40	21/4	Distal	20	.2	564	3	217.8
									Mid	20	.2	660	-	-
G58856	UDLMY-5.0-18-1-15-IHI		2	5	15	.018	50	19/4	Distal	20	.2	564	3	217.8
									Proximal	20	.2	660	-	-
G58897	UTLMY-5.0-25-1-5-IHI		3	5	5	.025	40	19/4	Distal	18	.3	1,212	3	197.6
									Mid	23	.2	90	-	-
									Proximal	23	.2	90	-	-
G58893	UTLMY-5.0-25-1-8-IHI		3	5	8	.025	40	19/4	Distal	18	.3	3,612	3	197.6
									Mid	23	.2	1,350	-	-
									Proximal	23	.2	1,422	-	-
G58899	UTLMY-5.0-25-1-12-IHI		3	5	12	.025	40	19/4	Distal	18	.3	3,612	3	197.6
									Mid	23	.2	1,350	-	-
									Proximal	23	.2	1,422	-	-
G58895	UTLMY-5.0-25-1-15-IHI		3	5	15	.025	50	19/4	Distal	18	.3	1,212	3	197.6
									Mid	23	.2	90	-	-
									Proximal	23	.2	90	-	-
G58901	UTLMY-7.0-32-1-15-IHI		3	7	15	.032	60	18/5, 7	Distal	16	.6	3,612	10	143.3
									Mid	18	.5	1,350	-	-
									Proximal	18	.6	1,422	-	-
G58917	UTLMY-7.0-32-1-15-IHI		3	7	15	.032	60	18/5, 7	Distal	16	.6	3,612	10	143.3
									Mid	18	.5	1,350	-	-
									Proximal	18	.6	1,422	-	-
G58905	UTLMY-7.0-32-1-20-IHI		3	7	20	.032	60	18/5, 7	Distal	16	.6	10,140	10	143.3
									Mid	18	.5	1,380	-	-
									Proximal	18	.6	1,440	-	-
G58920	UTLMY-7.0-32-1-20-IHI		3	7	20	.032	60	18/5, 7	Distal	16	.6	3,612	10	143.3
									Mid	18	.5	1,350	-	-
									Proximal	18	.6	1,422	-	-

Conventional CVC Trays • WITH PPE COMPONENTS

UPN	Reference Part Number		Lumens	Catheter Fr	Catheter Length cm	Wire Guide Diameter inch	Wire Guide Length cm	Needle gage/ Length cm	Port	Equivalent gage	Minimum Lumen Volume mL	Approximate Flow Rate mL/hr	Maximum Flow Rate mL/sec	Average Hub Pressure at Maximum Flow psi
G58903	UTLMY-7.0-32-1-25-IHI		3	7	25	.032	60	18/5, 7	Distal	16	.6	3,612	10	143.3
									Mid	18	.5	1,350	-	-
									Proximal	18	.6	1,422	-	-
G58862	UDLMY-8.0-32-1-15-IHI		2	8	15	.032	60	18/5, 7	Distal	14	.9	5,196	10	55.1
									Proximal	14	1	5,196	-	-
G58869	UDLMYJ-8.0-32-1-15-IHI		2	8	15	.032	60	18/5, 7	Distal	14	.9	5,196	10	55.1
									Proximal	14	.9	5,196	-	-
G58864	UDLMY-8.0-32-1-20-IHI		2	8	20	.032	60	18/5, 7	Distal	14	.9	5,196	10	55.1
									Proximal	14	1	5,196	-	-
G58871	UDLMYJ-8.0-32-1-20-IHI		2	8	20	.032	60	18/5, 7	Distal	14	.9	5,196	10	55.1
									Proximal	14	1	5,196	-	-
G58978	UTLMY-9.0-35-1-15-IHI		3	9	15	.032	60	18/5, 7	Distal	14	.9	10,140	10	35.8
									Mid	18	.4	1,380	-	-
									Proximal	18	.5	1,440	-	-
G58982	UTLMY-9.0-35-1-20-IHI		3	9	20	.032	60	18/5, 7	Distal	14	.9	10,140	10	35.8
									Mid	18	.4	1,380	-	-
									Proximal	18	.5	1,440	-	-
G58980	UTLMY-9.0-32J-1-25-IHI		3	9	25	.032	60	18/5, 7	Distal	18	.3	10,140	10	35.8
									Mid	23	.2	1,380	-	-
									Proximal	23	.2	1,440	-	-
G58876	UQLMY-10.0-32-1-15-IHI		5	10	15	.032	60	18/5, 7	Distal	14	.9	8,820	10	32.1
									Mid	17	.4	2,880	-	-
									Mid	17	.4	2,940	-	-
									Proximal	19	.2	840	-	-
									Proximal	19	.2	840	-	-
G58880	UQLMY-10.0-32-1-20-IHI		5	10	20	.032	60	18/5, 7	Distal	14	.9	8,820	10	32.1
									Mid	17	.4	2,880	-	-
									Mid	17	.4	2,940	-	-
									Proximal	19	.2	840	-	-
									Proximal	19	.2	840	-	-
G58881	UQLMYJ-10.0-32-1-20-IHI		5	10	20	.032	60	18/5, 7	Distal	14	.9	8,820	10	32.1
									Mid	17	.4	2,880	-	-
									Mid	17	.4	2,940	-	-
									Proximal	19	.2	840	-	-
									Proximal	19	.2	840	-	-
G58878	UQLMY-10.0-32-1-25-IHI		5	10	25	.032	60	18/5, 7	Distal	14	.9	8,820	10	32.1
									Mid	17	.4	2,880	-	-
									Mid	17	.4	2,940	-	-
									Proximal	19	.2	840	-	-
									Proximal	19	.2	840	-	-

Conventional CVC Trays • WITHOUT PPE COMPONENTS

UPN	Reference Part Number	Cross-section	Lumens	Catheter Fr	Catheter Length cm	Wire Guide Diameter inch	Wire Guide Length cm	Needle gage/Length cm	Port	Equivalent gage	Minimum Lumen Volume mL	Approximate Flow Rate mL/hr	Maximum Flow Rate mL/sec	Average Hub Pressure at Maximum Flow psi
G58849	UDLMY-4.0-18-1-5	⊙	2	4	5	.018	40	21/4	Distal	20	.2	534	3	98.1
									Proximal	23	.1	96	-	-
G58866	UDLMYJ-4.0-18-1-5	⊙	2	4	5	.018	30	21/4	Distal	20	.2	534	3	98.1
									Proximal	23	.1	96	-	-
G58845	UDLMY-4.0-18-1-8	⊙	2	4	8	.018	40	21/4	Distal	20	.2	534	3	98.1
									Proximal	23	.1	96	-	-
G58872	UDLMYJ-4.0-18-1-8	⊙	2	4	8	.018	40	21/4	Distal	20	.2	534	3	98.1
									Proximal	23	.1	96	-	-
G58851	UDLMY-4.0-18-1-12	⊙	2	4	12	.018	40	21/4	Distal	20	.2	534	3	98.1
									Proximal	23	.1	96	-	-
G58847	UDLMY-4.0-18-1-15	⊙	2	4	15	.018	40	21/4	Distal	20	.2	534	3	98.1
									Proximal	23	.1	96	-	-
G58857	UDLMY-5.0-18-1-5	⊙	2	5	5	.018	30	21/4	Distal	20	.2	564	3	217.8
									Proximal	20	.2	660	-	-
G58867	UDLMYJ-5.0-18-1-5	⊙	2	5	5	.018	30	19/4	Distal	20	.2	564	3	217.8
									Proximal	20	.2	660	-	-
G58853	UDLMY-5.0-18-1-8	⊙	2	5	8	.018	40	21/4	Distal	20	.2	564	3	217.8
									Proximal	20	.2	660	-	-
G58859	UDLMY-5.0-18-1-12	⊙	2	5	12	.018	40	21/4	Distal	20	.2	564	3	217.8
									Proximal	20	.2	660	-	-
G58855	UDLMY-5.0-18-1-15	⊙	2	5	15	.018	50	19/4	Distal	20	.2	564	3	217.8
									Proximal	20	.2	660	-	-
G58896	UTLMY-5.0-25-1-5	⊙	3	5	5	.025	30	19/4	Distal	18	.3	1,212	3	197.6
									Mid	23	.2	90	-	-
									Proximal	23	.2	90	-	-
G58914	UTLMYJ-5.0-25-1-5	⊙	3	5	5	.025	30	19/4	Distal	18	.3	1,212	3	197.6
									Mid	23	.2	90	-	-
									Proximal	23	.2	90	-	-
G58892	UTLMY-5.0-25-1-8	⊙	3	5	8	.025	40	19/4	Distal	18	.3	1,212	3	197.6
									Mid	23	.2	90	-	-
									Proximal	23	.2	90	-	-

Conventional CVC Trays • WITHOUT PPE COMPONENTS

UPN	Reference Part Number		Lumens	Catheter Fr	Catheter Length cm	Wire Guide Diameter inch	Wire Guide Length cm	Needle gage/Length cm	Port	Equivalent gage	Minimum Lumen Volume mL	Approximate Flow Rate mL/hr	Maximum Flow Rate mL/sec	Average Hub Pressure at Maximum Flow psi
G58912	UTLMYJ-5.0-25-1-8	☹	3	5	8	.025	40	19/4	Distal	18	.3	1,212	3	197.6
									Mid	23	.2	90	-	-
									Proximal	23	.2	90	-	-
G58898	UTLMY-5.0-25-1-12	☹	3	5	12	.025	40	19/4	Distal	18	.3	1,212	3	197.6
									Mid	23	.2	90	-	-
									Proximal	23	.2	90	-	-
G58915	UTLMYJ-5.0-25-1-12	☹	3	5	12	.025	40	19/4	Distal	18	.3	1,212	3	197.6
									Mid	23	.2	90	-	-
									Proximal	23	.2	90	-	-
G58894	UTLMY-5.0-25-1-15	☹	3	5	15	.025	40	19/4	Distal	18	.3	1,212	3	197.6
									Mid	23	.2	90	-	-
									Proximal	18	.6	1422	-	-
G58913	UTLMYJ-5.0-25-1-15	☹	3	5	15	.025	50	19/4	Distal	18	.3	1,212	3	197.6
									Mid	23	.2	90	-	-
									Proximal	23	.2	90	-	-
G58900	UTLMY-7.0-32-1-15	☹☹	3	7	15	.032	60	18/5, 7	Distal	16	.6	3,612	10	143.3
									Mid	18	.5	1,350	-	-
									Proximal	18	.6	1,422	-	-
G58916	UTLMYJ-7.0-32-1-15	☹☹	3	7	15	.032	60	18/5, 7	Distal	16	.6	3,612	10	143.3
									Mid	18	.5	1,350	-	-
									Proximal	18	.6	1,422	-	-
G58904	UTLMY-7.0-32-1-20	☹☹	3	7	20	.032	60	18/5, 7	Distal	16	.6	3,612	10	143.3
									Mid	18	.5	1,350	-	-
									Proximal	18	.6	1,422	-	-
G58919	UTLMYJ-7.0-32-1-20	☹☹	3	7	20	.032	60	18/5, 7	Distal	16	.6	3,612	10	143.3
									Mid	18	.5	1,350	-	-
									Proximal	18	.6	1,422	-	-
G58902	UTLMY-7.0-32-1-25	☹☹	3	7	25	.032	60	18/5, 7	Distal	16	.6	3,612	10	143.3
									Mid	18	.5	1,350	-	-
									Proximal	18	.6	1,422	-	-
G58918	UTLMYJ-7.0-32-1-25	☹☹	3	7	25	.032	60	18/5, 7	Distal	16	.6	3,612	10	143.3
									Mid	18	.5	1,350	-	-
									Proximal	18	.6	1,422	-	-

Conventional CVC Trays • WITHOUT PPE COMPONENTS

UPN	Reference Part Number		Lumens	Catheter Fr	Catheter Length cm	Wire Guide Diameter inch	Wire Guide Length cm	Needle gage/Length cm	Port	Equivalent gage	Minimum Lumen Volume mL	Approximate Flow Rate mL/hr	Maximum Flow Rate mL/sec	Average Hub Pressure at Maximum Flow psi
G58861	UDLMY-8.0-32-1-15	⊗	2	8	15	.032	60	18/5, 7	Distal	14	.9	5,196	10	55.1
									Proximal	14	1	5,196	-	-
G58868	UDLMYJ-8.0-32-1-15	⊗	2	8	15	.032	60	18/5, 7	Distal	14	.9	5,196	10	55.1
									Proximal	14	1	5,196	-	-
G58863	UDLMY-8.0-32-1-20	⊗	2	8	20	.032	60	18/5, 7	Distal	14	.9	5,196	10	55.1
									Proximal	14	1	5,196	-	-
G58870	UDLMYJ-8.0-32-1-20	⊗	2	8	20	.032	60	18/5, 7	Distal	14	.9	5,196	10	55.1
									Proximal	14	1	5,196	-	-
G58977	UTLMY-9.0-32J-1-15	⊗	3	9	15	.032	60	18/5, 7	Distal	18	.3	10,140	10	35.8
									Mid	23	.2	1,380	-	-
									Proximal	23	.2	1,440	-	-
G58981	UTLMY-9.0-32J-1-20	⊗	3	9	15	.032	60	18/5, 7	Distal	18	.3	10,140	10	35.8
									Mid	23	.2	1,380	-	-
									Proximal	23	.2	1,440	-	-
G58979	UTLMY-9.0-32J-1-25	⊗	3	9	25	.032	60	18/5, 7	Distal	18	.3	10,140	10	35.8
									Mid	23	.2	1,380	-	-
									Proximal	23	.2	1,440	-	-
G58875	UQLMY-10.0-32-1-15	⊗	5	10	15	.032	60	18/5, 7	Distal	14	.9	8,820	10	32.1
									Mid	17	.4	2,880	-	-
									Mid	17	.4	2,880	-	-
									Proximal	19	.2	840	-	-
									Proximal	19	.2	840	-	-
G58879	UQLMY-10.0-32-1-20	⊗	5	10	20	.032	60	18/5, 7	Distal	14	.9	8,820	10	32.1
									Mid	17	.4	2,880	-	-
									Mid	17	.4	2,880	-	-
									Proximal	19	.2	840	-	-
									Proximal	19	.2	840	-	-
G58877	UQLMY-10.0-32-1-25	⊗	5	10	25	.032	60	18/5, 7	Distal	14	.9	8,820	10	32.1
									Mid	17	.4	2,880	-	-
									Mid	17	.4	2,880	-	-
									Proximal	19	.2	840	-	-
									Proximal	19	.2	840	-	-

Conventional CVC Sets • WITH STANDARD COMPONENTS

UPN	Reference Part Number	Cross-section	Lumens	Catheter Fr	Catheter Length cm	Wire Guide Diameter inch	Wire Guide Length cm	Needle gage/Length cm	Port	Equivalent gage	Minimum Lumen Volume mL	Approximate Flow Rate mL/hr	Maximum Flow Rate mL/sec	Average Hub Pressure at Maximum Flow psi
G58837	UDLM-4.0-18-1-5		2	4	5	.018	30	21/4	Distal	20	.2	534	3	98.1
									Proximal	23	.2	96	-	-
G58835	UDLM-4.0-18-1-8		2	4	8	.018	40	21/4	Distal	20	.2	534	3	98.1
									Proximal	23	.2	96	-	-
G58838	UDLM-4.0-18-1-12		2	4	12	.018	40	21/4	Distal	20	.2	534	3	98.1
									Proximal	23	.2	96	-	-
G58836	UDLM-4.0-18-1-15		2	4	15	.018	50	21/4	Distal	20	.2	534	3	98.1
									Proximal	23	.1	96	-	-
G58841	UDLM-5.0-18-1-5		2	5	5	.018	30	21/4	Distal	20	.2	564	3	217.8
									Proximal	20	.2	660	-	-
G58839	UDLM-5.0-18-1-8		2	5	8	.018	40	21/4	Distal	20	.2	564	3	217.8
									Proximal	20	.2	660	-	-
G58842	UDLM-5.0-18-1-12		2	5	12	.018	40	21/4	Distal	20	.2	564	3	217.8
									Proximal	20	.2	660	-	-
G58840	UDLM-5.0-18-1-15		2	5	15	.018	50	19/4	Distal	20	.2	564	3	217.8
									Proximal	14	.2	660	-	-
G58884	UTLM-5.0-25-1-5		3	5	5	.025	30	19/4	Distal	18	.3	1,212	3	197.6
									Mid	23	.2	90	-	-
									Proximal	23	.2	90	-	-
G58882	UTLM-5.0-25-1-8		3	5	8	.025	40	19/4	Distal	18	.3	1,212	3	197.6
									Mid	23	.2	90	-	-
									Proximal	23	.2	90	-	-
G58885	UTLM-5.0-25-1-12		3	5	12	.025	40	19/4	Distal	18	.3	1,212	3	197.6
									Mid	23	.2	90	-	-
									Proximal	23	.2	90	-	-
G58883	UTLM-5.0-25-1-15		3	5	15	.025	50	19/4	Distal	18	.3	1,212	3	197.6
									Mid	23	.2	90	-	-
									Proximal	23	.2	90	-	-

Conventional CVC Sets • WITH STANDARD COMPONENTS

UPN	Reference Part Number	Cross-section	Lumens	Catheter Fr	Catheter Length cm	Wire Guide Diameter inch	Wire Guide Length cm	Needle gage/Length cm	Port	Equivalent gage	Minimum Lumen Volume mL	Approximate Flow Rate mL/hr	Maximum Flow Rate mL/sec	Average Hub Pressure at Maximum Flow psi
G58887	UTLM-7.0-32-1-15		3	7	15	.032	60	18/5, 7	Distal	16	.6	3,612	10	143.3
									Mid	18	.5	1,350	-	-
									Proximal	18	.6	1,422	-	-
G58888	UTLM-7.0-32-1-20		3	7	20	.032	60	18/5, 7	Distal	16	.6	3,612	10	143.3
									Mid	18	.5	1,350	-	-
									Proximal	18	.6	1,422	-	-
G58886	UTLM-7.0-32-1-25		3	7	25	.032	60	18/5, 7	Distal	16	.6	3,612	10	143.3
									Mid	18	.5	1,350	-	-
									Proximal	18	.6	1,422	-	-
G58843	UDLM-8.0-32-1-15		2	8	15	.032	60	18/5, 7	Distal	14	.9	5,196	10	55.1
									Mid	14	1	5,196	-	-
G58844	UDLM-8.0-32-1-20		2	8	20	.032	60	18/5, 7	Distal	14	.9	5,196	10	55.1
									Mid	14	1	5,196	-	-
G58975	UTLM-9.0-32J-1-15		3	9	15	.032	60	18/5, 7	Distal	18	.3	10,140	10	35.8
									Mid	23	.2	1,380	-	-
									Proximal	23	.2	1,440	-	-
G58976	UTLM-9.0-35-1-20		3	9	20	.032	60	18/5, 7	Distal	14	.9	10,140	10	35.8
									Mid	18	.4	1,380	-	-
									Proximal	18	.5	1,440	-	-
G58974	UTLM-9.0-32J-1-25		3	9	25	.032	60	18/5, 7	Distal	18	.3	10,140	10	35.8
									Mid	23	.2	1,380	-	-
									Proximal	23	.2	1,440	-	-

Conventional CVC Sets • WITH STANDARD COMPONENTS

UPN	Reference Part Number		Lumens	Catheter Fr	Catheter Length cm	Wire Guide Diameter inch	Wire Guide Length cm	Needle gage/ Length cm	Port	Equivalent gage	Minimum Lumen Volume mL	Approximate Flow Rate mL/hr	Maximum Flow Rate mL/sec	Average Hub Pressure at Maximum Flow psi
G58873	UQLM-10.0-32-1-15		5	10	15	.032	60	18/5, 7	Distal	14	.9	8,820	10	32.1
									Mid	17	.4	2,880	-	-
									Mid	17	.4	2,940	-	-
									Proximal	19	.2	840	-	-
									Proximal	19	.2	840	-	-
G58874	UQLM-10.0-32-1-20		5	10	20	.032	60	18/5, 7	Distal	14	.9	8,820	10	32.1
									Mid	17	.4	2,880	-	-
									Mid	17	.4	2,940	-	-
									Proximal	19	.2	840	-	-
									Proximal	19	.2	840	-	-
G58865	UQLM-10.0-32-1-25		5	10	25	.032	60	18/5, 7	Distal	14	.9	8,820	10	32.1
									Mid	17	.4	2,880	-	-
									Mid	17	.4	2,940	-	-
									Proximal	19	.2	840	-	-
									Proximal	19	.2	840	-	-

Non-Power Injectable Single Lumen CVC Catheter Sets



Preparation

Procedural drape



Placement

Non-power injectable CVC
Wire guide and holder
Catheter access entry needle
6 mL disposable syringe
Needle holder cup

Non-Power Injectable Single Lumen CVC • CATHETER SETS WITHOUT BASE PLATE

UPN	Reference Part Number	Lumens	Catheter Fr	Catheter Length cm	Wire Guide Diameter inch	Wire Guide Length cm	Equivalent Gauge	Lumen Volume mL	Approximate Gravity Flow Rate mL/hr
G58817	ESLM-2.5-15J-1-5	1	2.5	5	0.015	25	21	0.05	541.2
G58822	ESLM-3.0-18-1-5	1	3	5	0.018	25	20	0.2	1056.0
G58821	ESLM-3.0-18J-1-5	1	3	5	0.018	25	20	0.2	1056.0
G58820	ESLM-3.0-18J-1-8	1	3	8	0.018	25	20	0.2	1056.0
G58831	USLM-3.0-18J-1-5	1	3	5	0.018	25	20	0.2	395.4
G58830	USLM-3.0-18J-1-8	1	3	8	0.018	25	20	0.2	395.4
G58921	ESLM-4.0-21J-1-12	1	4	12	0.021	40	18	0.2	1278.0
G58832	USLM-4.0-21J-1-12	1	4	12	0.021	40	18	0.2	1512.0
G58984	ESLM-5.0-32J-1-15	1	5	15	0.032	60	16	0.3	4164.0
G58970	USLM-5.0-32J-1-15	1	5	15	0.032	60	16	0.3	3156.0
G58971	USLM-5.0-32J-1-6	1	5	6	0.032	60	16	0.3	3156.0
G58985	ESLM-6.3-32J-1-15	1	6.3	15	0.032	60	14	0.4	7206.0

WITH BASE PLATE

UPN	Reference Part Number	Lumens	Catheter Fr	Catheter Length cm	Wire Guide Diameter inch	Wire Guide Length cm	Equivalent Gauge	Lumen Volume mL	Approximate Gravity Flow Rate mL/hr
G58816	ESLM-2.5-15-0-5	1	2.5	5	0.015	25	21	0.05	541.2
G58818	ESLM-3.0-18-0-8	1	3	8	0.018	25	20	0.2	1056.0
G58819	ESLM-3.0-18J-0-8	1	3	8	0.018	25	20	0.2	1056.0
G58823	ESLM-4.0-21-0-12	1	4	12	0.021	40	18	0.2	1278.0
G58824	ESLM-4.0-21J-0-12	1	4	12	0.021	40	18	0.2	1278.0
G58983	ESLM-5.0-32J-0-15	1	5	12	0.032	60	16	0.3	4164.0

Non-Power Injectable Single Lumen CVC Catheter Trays



Preparation

Procedural drape



Placement

Lidocaine and lidocaine label
Filter straw
Chloraprep® with Hi-Lite Orange™ Tint
Non-power injectable CVC
Catheter access entry needle
Wire guide and holder
Safety scalpel
BakSnap® safety syringe(s)



Postprocedure

Locking sharps needle vise

22 and 25 gage hypodermic needles
Needle holder cup
Braided silk sutures with curved needle
Needle driver
Sterile gauze sponges
6 mL disposable syringe
CSR wrap

Non-Power Injectable Single Lumen CVC • CATHETER TRAYS WITHOUT BASE PLATE

UPN	Reference Part Number	Lumens	Catheter Fr	Catheter Length cm	Wire Guide Diameter inch	Wire Guide Length cm	Equivalent Gauge	Lumen Volume mL	Approximate Gravity Flow Rate mL/hr
G58928	ESLMY-3.0-18J-1-5	1	3	5	0.018	25	20	0.2	1056.0
G58927	ESLMY-3.0-18J-1-8	1	3	8	0.018	25	20	0.2	1056.0
G58826	USLMY-3.0-18J-1-5	1	3	5	0.018	25	20	0.2	395.4
G58825	USLMY-3.0-18J-1-8	1	3	8	0.018	25	20	0.2	395.4
G58929	ESLMY-4.0-21J-1-12	1	4	12	0.021	40	18	0.2	1278.0
G58827	USLMY-4.0-21J-1-12	1	4	12	0.021	40	18	0.2	1512.0
G58986	ESLMY-5.0-32J-1-15	1	5	15	0.032	60	16	0.3	4164.0
G58972	USLMY-5.0-32J-1-15	1	5	15	0.032	60	16	0.3	3156.0
G58973	USLMY-5.0-32J-1-20	1	5	20	0.032	60	16	0.3	3156.0

WITH BASE PLATE

UPN	Reference Part Number	Lumens	Catheter Fr	Catheter Length cm	Wire Guide Diameter inch	Wire Guide Length cm	Equivalent Gauge	Lumen Volume mL	Approximate Gravity Flow Rate mL/hr
G58926	ESLMY-3.0-18J-0-5	1	3	5	0.018	25	20	0.2	1056.0

Making a **material** difference.

PERIPHERALLY INSERTED
CENTRAL CATHETERS (PICC)



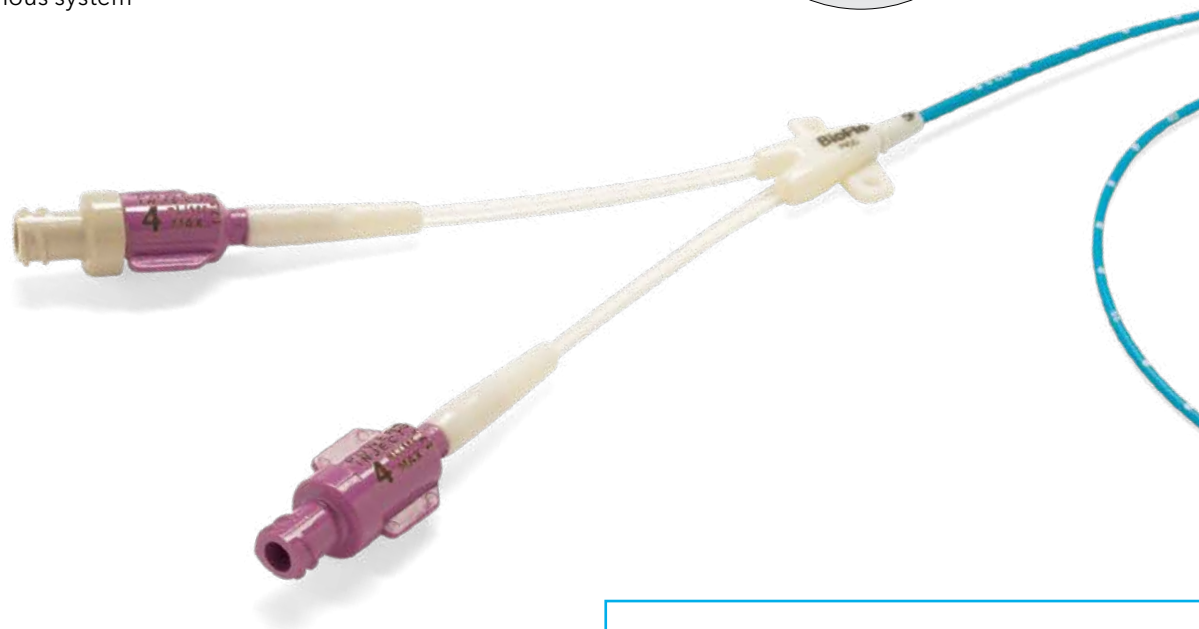
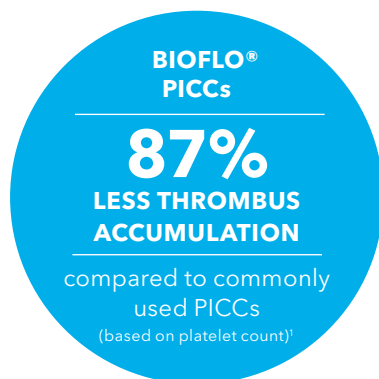
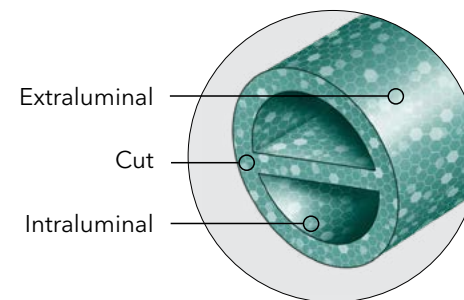
BioFlo® with Endexo® Technology

The BioFlo® PICC Catheter is the first – and only – PICC 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.

● PICCs

Peripherally inserted central catheters are indicated for short and long-term peripheral access to the central venous system for intravenous therapy.



Learn more about BioFlo® technology, including links to research on BioFlo®, at [spectrumvascular.com](https://www.spectrumvascular.com)

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® PICC CATHETER ONLY KITS

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

BioFlo® PICC 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® PICC 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® PICC INTERMEDIATE KITS

Catheter
Wire Guide/Flush Assembly
PTFE Coated Siffening Wire
Face Mask
2 - Tourniquets
2 - 92 cm Tape Measures
Scissors
Absorbant Poly-Lined Drape (24" x 36")
Absorbant Poly-Lined Drape (24" x 38")
3 mL Chloraprep
3 mL Luer Lock Syringe
Safety Hypodermic Needle (25G x 0.625")
45 cm Guidewire
Safety Scalpel
Sheath/Dilator Introducer
Non-Serated Forceps
Gauze Pads (2" x 2")
Gauze Pads (4" x 4")
10 mL Luer Lock Syringe(s)
Saline Ampule(s)
Safety Ampule Breaker
Filter Straw
Saline Label(s)
End Cap(s)
Catheter Securement Device
Transparent Dressing
CSR Wrap

^Lidocaine based on kit configuration

BioFlo® PICC 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® PICCs • Ordering Guide

BIOFLO® POWER INJECTABLE PICC – NON-VALVED

STAINLESS STEEL GUIDEWIRE

UPN	Reference Part Number	Lumens	Outer Diameter (F)	Reverse Taper Diameter (F)	Inner Diameter (Ga.)
CATHETER KITS					
H965459540	45-954	Single	3	4	20
H965458750	45-875	Single	4	6	17
H965458700	45-870	Dual	5	7	17.5/17.5
H965459620	45-962	Triple	6	7	16.5/19/19

MST® KITS WITH 70 CM WIRE

H965459550	45-955	Single	3	4	20
H965458760	45-876	Single	4	6	17
H965458570	45-857	Single	5	6	15.5
H965458710	45-871	Dual	5	7	17.5/17.5
H965458670	45-867	Dual	6	7	16.5/16.5
H965459630	45-963	Triple	6	7	16.5/19/19

IR KITS WITH 145 CM WIRE

H965458770	45-877	Single	4	6	17
H965458580	45-858	Single	5	6	15.5
H965458720	45-872	Dual	5	7	17.5/17.5
H965458680	45-868	Dual	6	7	16.5/16.5
H965459640	45-964	Triple	6	7	16.5/19/19

INTERMEDIATE MST KITS WITH 45 CM WIRE

H965458730	45-873	Dual	5	7	17.5/17.5
H965458690	45-869	Dual	6	7	16.5/16.5

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

BioFlo® PICCs • Ordering Guide

BIOFLO® POWER INJECTABLE PICC – NON-VALVED (CONTINUED)

UPN	Reference Part Number	Lumens	Outer Diameter (F)	Reverse Taper Diameter (F)	Inner Diameter (Ga.)
INTERMEDIATE MST KITS WITH 45 CM WIRE AND LIDOCAINE					
H965459580	45-958	Single	3	4	20
H965459660	45-966	Triple	6	7	16.5/19/19
NITINOL GUIDEWIRE					
MST KITS WITH 70 CM WIRE					
H965459590	45-959	Single	3	4	20
H965458800	45-880	Single	4	6	17
H965458960	45-896	Single	5	6	15.5
H965458950	45-895	Dual	5	7	17.5/17.5
H965459680	45-968	Triple	6	7	16.5/19/19
IR KITS WITH 145 CM WIRE					
H965458850	45-885	Single	4	6	17
H965458860	45-886	Single	5	6	15.5
H965458870	45-887	Dual	5	7	17.5/17.5
H965458880	45-888	Dual	6	7	16.5/16.5
H965459670	45-967	Triple	6	7	16.5/19/19

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

BioFlo® PICCs • Ordering Guide

MAXIMAL BARRIER NURSING KIT

UPN	Reference Part Number	Lumens	Outer Diameter (F)	Reverse Taper Diameter (F)	Inner Diameter (Ga.)
MAXIMAL BARRIER NURSING KITS PG					
H965750231	75-023	Single	3	4	20
H965750121	75-012	Single	4	6	17
H965750131	75-013	Single	5	6	15.5
H965750141	75-014	Dual	5	7	17.5/17.5
H965750151	75-015	Dual	6	7	16.5/16.5
H965750241	75-024	Triple	6	7	16.5/19/19
MAXIMAL BARRIER NURSING KITS WITH 70 CM NITINOL WIRE					
H965750315	75-031	Single	4	6	17
H965750325	75-032	Single	5	6	15.5
H965750335	75-033	Dual	5	7	17.5/17.5
H965750345	75-034	Dual	6	7	16.5/16.5
H965750355	75-035	Triple	6	7	16.5/19/19
MAXIMAL BARRIER NURSING KITS WITH DUAL FENESTRATED DRAPE					
H965750541	75-054	Single	3	4	20
H965750671	75-067	Single	4	6	17
H965750441	75-044	Single	5	6	15.5
H965750451	75-045	Dual	5	7	17.5/17.5
H965750461	75-046	Dual	6	7	16.5/16.5
H965750551	75-055	Triple	6	7	16.5/19/19
MAXIMAL BARRIER NURSING KITS WITH 70 CM NITINOL WIRE AND DUAL FENESTRATED DRAPE					
H965750561	75-056	Single	4	6	17
H965750571	75-057	Single	5	6	15.5
H965750581	75-058	Dual	5	7	17.5/17.5
H965750591	75-059	Dual	6	7	16.5/16.5
H965750601	75-060	Triple	6	7	16.5/16.5

BioFlo® PICCs • Ordering Guide

BIOFLO® POWER INJECTABLE PICC – W/ PASV VALVE TECHNOLOGY

STAINLESS STEEL GUIDEWIRE

UPN	Reference Part Number	Lumens	Outer Diameter (F)	Reverse Taper Diameter (F)	Inner Diameter (Ga.)
CATHETER KITS					
H965458010	45-801	Single	3	4	20
H965458110	45-811	Single	4	6	17
H965458310	45-831	Dual	5	7	17.5/17.5
H965458410	45-841	Triple	6	7	16.5/19/19
INTERMEDIATE MST KITS WITH 45 CM WIRE					
H965458040	45-804	Single	3	4	20
INTERMEDIATE MST KITS WITH 45 CM WIRE AND LIDOCAINE					
H965458050	45-805	Single	3	4	20
H965458150	45-815	Single	4	6	17
H965458350	45-835	Dual	5	7	17.5/17.5
H965458450	45-845	Triple	6	7	16.5/19/19
MST KITS WITH 70 CM WIRE					
H965458020	45-802	Single	3	4	20
H965458120	45-812	Single	4	6	17
H965458170	45-817	Single	5	6	15.5
H965458320	45-832	Dual	5	7	17.5/17.5
H965458370	45-837	Dual	6	7	16.5/16.5
H965458420	45-842	Triple	6	7	16.5/19/19
IR KITS WITH 145 CM WIRE					
H965458130	45-813	Single	4	6	17
H965458180	45-818	Single	5	6	15.5
H965458330	45-833	Dual	5	7	17.5/17.5
H965458380	45-838	Dual	6	7	16.5/16.5
H965458430	45-843	Triple	6	7	16.5/19/19

BioFlo® PICCs • Ordering Guide

BIOFLO® POWER INJECTABLE PICC – W/ PASV VALVE TECHNOLOGY (CONTINUED)

NITINOL GUIDEWIRE

UPN	Reference Part Number	Lumens	Outer Diameter (F)	Reverse Taper Diameter (F)	Inner Diameter (Ga.)
MST KITS WITH 70 CM WIRE					
H965458940	45-894	Single	3	4	20
H965458910	45-891	Single	4	6	17
H965458920	45-892	Single	5	6	15.5
H965458890	45-889	Dual	5	7	17.5/17.5
H965458900	45-890	Dual	6	7	16.5/16.5
H965458930	45-893	Triple	6	7	16.5/19/19

IR KITS WITH 145 CM WIRE

H965458810	45-881	Single	4	6	17
H965458820	45-882	Single	5	6	15.5
H965458830	45-883	Dual	5	7	17.5/17.5
H965458840	45-884	Triple	6	7	16.5/19/19

HYBRID PICC KITS

CATHETER KIT

H965459410	45-941	Hybrid Triple	6	7	16.5/19/19
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MST KIT WITH 70 CM WIRE

H965459420	45-942	Hybrid Triple	6	7	16.5/19/19
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MST KIT WITH 70 CM NITINOL WIRE

H965458970	45-897	Hybrid Triple	6	7	16.5/19/19
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IR KIT WITH 145 CM WIRE

H965459430	45-943	Hybrid Triple	6	7	16.5/19/19
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BioFlo® PICCs • Ordering Guide

BIOFLO® POWER INJECTABLE PICC – W/ PASV VALVE TECHNOLOGY (CONTINUED)

MAXIMAL BARRIER NURSING KIT

UPN	Reference Part Number	Lumens	Outer Diameter (F)	Reverse Taper Diameter (F)	Inner Diameter (Ga.)
MAXIMAL BARRIER NURSING KITS PG					
H965750161	75-016	Single	3	4	20
H965750171	75-017	Single	4	6	17
H965750181	75-018	Single	5	6	15.5
H965750191	75-019	Dual	5	7	17.5/17.5
H965750211	75-021	Triple	6	7	16.5/19/19
H965750221	75-022	Hybrid Triple	6	7	16.5/19/19

MAXIMAL BARRIER NURSING KITS WITH 70 CM NITINOL WIRE

H965750365	75-036	Single	4	6	17
H965750375	75-037	Single	5	6	15.5
H965750385	75-038	Dual	5	7	17.5/17.5
H965750415	75-041	Triple	6	7	16.5/19/19
H965750425	75-042	Hybrid Triple	6	7	16.5/19/19

MAXIMAL BARRIER NURSING KITS WITH DUAL FENESTRATED DRAPE

H965750471	75-047	Single	3	4	20
H965750481	75-048	Single	4	6	17
H965750491	75-049	Single	5	6	15.5
H965750501	75-050	Dual	5	7	17.5/17.5
H965750511	75-051	Dual	6	7	16.5/16.5
H965750521	75-052	Triple	6	7	16.5/19/19
H965750531	75-053	Hybrid Triple	6	7	16.5/19/19

MAXIMAL BARRIER NURSING KITS WITH 70 CM NITINOL WIRE AND DUAL FENESTRATED DRAPE

H965750611	75-061	Single	4	6	17
H965750621	75-062	Single	5	6	15.5
H965750631	75-063	Dual	5	7	17.5/17.5
H965750641	75-064	Dual	6	7	16.5/16.5
H965750651	75-065	Triple	6	7	16.5/19/19
H965750661	75-066	Hybrid Triple	6	7	16.5/19/19

Xcela Power Injectable PICC CATHETER KITS

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

Xcela Power Injectable PICC 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

Xcela Power Injectable PICC IR KITS WITH 145CM WIRE

Catheter
Wire Guide/Flush Assembly
PTFE Coated Siffening Wire
Safety Introducer Needle (21G x 2.75")
Standard Introducer Needle (21G x 2.75")
145 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

Xcela Power Injectable PICC 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

Xcela Power Injectable PICCs • Ordering Guide

UPN	Reference Part Number	Lumens	Outer Diameter (F)	Reverse Taper Diameter (F)	Inner Diameter (Ga.)	Guidewire
CATHETER KITS						
M001456750†	45-675	Single	4	6	17	Stainless Steel
M001456700†	45-670	Dual	5	7	17.5/17.5	Stainless Steel
SAFETY MST KITS WITH 60 CM WIRE						
M001456520	45-652	Single	4	6	17	Stainless Steel
M001456760	45-676	Single	4	6	17	Stainless Steel
M001456570	45-657	Single	5	6	15.5	Stainless Steel
M001456710	45-671	Dual	5	7	17.5/17.5	Stainless Steel
M001456670	45-667	Dual	6	7	16.5/16.5	Stainless Steel
SAFETY IR KITS WITH 145 CM WIRE						
M001456770	45-677	Single	4	6	17	Stainless Steel
M001456580	45-658	Single	5	6	15.5	Stainless Steel
M001456720	45-672	Dual	5	7	17.5/17.5	Stainless Steel
M001456680	45-668	Dual	6	7	16.5/16.5	Stainless Steel
INTERMEDIATE SAFETY MST KITS WITH 45 CM WIRE						
M001456780	45-678	Single	4	6	17	Stainless Steel
M001456640†	45-664	Dual	5	7	17.5/17.5	Stainless Steel
M001456730	45-673	Dual	5	7	17.5/17.5	Stainless Steel

Xcela Power Injectable PICCs • Ordering Guide

UPN	Reference Part Number	Lumens	Outer Diameter (F)	Reverse Taper Diameter (F)	Inner Diameter (Ga.)	Guidewire
MST KITS WITH 70 CM WIRE						
H965251010	25-101	Single	4	6	17	Nitinol
H965251030	25-103	Single	5	6	15.5	Nitinol
H965251050	25-105	Dual	5	7	17.5/17.5	Nitinol
H965251080	25-108	Dual	6	7	16.5/16.5	Nitinol
IR KITS WITH 145 CM WIRE						
H965251020	25-102	Single	4	6	17	Nitinol
H965251040	25-104	Single	5	6	15.5	Nitinol
H965251060	25-106	Dual	5	7	17.5/17.5	Nitinol
H965251090	25-109	Dual	6	7	16.5/16.5	Nitinol
MAXIMAL BARRIER NURSING KITS						
H965750011	75-001	Single	4	6	17	Nitinol
H965750021	75-002	Single	5	6	15.5	Nitinol
H965750031	75-003	Dual	5	7	17.5/17.5	Nitinol
H965750041†	75-004	Dual	6	7	16.5/16.5	Nitinol
MAXIMAL BARRIER WITH DUAL FENESTRATED DRAPE KITS						
H965750681	75-068	Single	4	6	17	Nitinol
H965750691	75-069	Single	5	6	15.5	Nitinol
H965750701	75-070	Dual	5	7	17.5/17.5	Nitinol
H965750711	75-071	Dual	6	7	16.5/16.5	Nitinol
SINGLE STERILE NITINOL HYDROPHILIC-COATED GUIDEWIRE						
UPN	Reference Part Number	Proximal/Distal Outer Diameter		Total Length	Guidewire/Tip Material	Units
SINGLE STERILE NITINOL HYDROPHILIC-COATED GUIDEWIRE						
H965457461	45-746	0.018"		70 cm	Nitinol/Tungsten	Box/3
H965457471	45-747	0.018"		145 cm	Nitinol/Tungsten	Box/3

Xcela PICC with PASV[®] Valve Technology CATHETER KITS

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

Xcela PICC with PASV[®] Valve Technology 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

Xcela PICC with PASV[®] Valve Technology IR KITS WITH 145CM WIRE

Catheter
Wire Guide/Flush Assembly
PTFE Coated Siffening Wire
Safety Introducer Needle (21G x 2.75")
Standard Introducer Needle (21G x 2.75")
145 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

Xcela Hybrid PICC with PASV[®] Valve Technology INTERMEDIATE KITS

Catheter
Wire Guide/Flush Assembly
PTFE Coated Siffening Wire
Face Mask
2 - Tourniquets
2 - 92 cm Tape Measures
Scissors
Absorbant Poly-Lined Drape (24" x 36")
Absorbant Poly-Lined Drape (24" x 38")
3 mL Chloraprep
3 mL Luer Lock Syringe
Safety Hypodermic Needle (25G x 0.625")
45 cm Guidewire
Safety Scalpel
Sheath/Dilator Introducer
Non-Serated Forceps
Gauze Pads (2" x 2")
Gauze Pads (4" x 4")
10 mL Luer Lock Syringe(s)
Saline Ampule(s)
Safety Ampule Breaker
Filter Straw
Saline Label(s)
End Cap(s)
Catheter Securement Device
Transparent Dressing
CSR Wrap

^Lidocaine based on kit configuration

Xcela PICC with PASV* Valve Technology • Ordering Guide

UPN	Reference Part Number	Lumens	Outer Diameter (F)	Reverse Taper Diameter (F)	Inner Diameter (Ga.)	Guidewire
CATHETER KITS						
H965457110	45-711	Single	4	6	17	Stainless Steel
H965457160	45-716	Single	5	6	15.5	Stainless Steel
H965457310	45-731	Dual	5	7	17.5/17.5	Stainless Steel
H965457410†	45-741	Triple	6	7	16.5/19/19	Stainless Steel
INTERMEDIATE MST KITS WITH 45 CM WIRE						
H965457140	45-714	Single	4	6	17	Stainless Steel
H965457340	45-734	Dual	5	7	17.5/17.5	Stainless Steel
H965457440	45-744	Triple	6	7	16.5/19/19	Stainless Steel
INTERMEDIATE MST KITS WITH 45 CM WIRE AND LIDOCAINE						
H965457150	45-715	Single	4	6	17	Stainless Steel
H965457350	45-735	Dual	5	7	17.5/17.5	Stainless Steel
H965457450	45-745	Triple	6	7	16.5/19/19	Stainless Steel
MST KITS WITH 70 CM WIRE						
H965457120	45-712	Single	4	6	17	Stainless Steel
H965457170	45-717	Single	5	6	15.5	Stainless Steel
H965457320	45-732	Dual	5	7	17.5/17.5	Stainless Steel
H965457370†	45-737	Dual	6	7	16.5/16.5	Stainless Steel
H965457420	45-742	Triple	6	7	16.5/19/19	Stainless Steel
IR KITS WITH 145 CM WIRE						
H965457130	45-713	Single	4	6	17	Stainless Steel
H965457180	45-718	Single	5	6	15.5	Stainless Steel
H965457330	45-733	Dual	5	7	17.5/17.5.5	Stainless Steel
H965457380	45-738	Dual	6	7	16.5/16.5	Stainless Steel
H965457430	45-743	Triple	6	7	16.5/19/19	Stainless Steel

Xcela PICC with PASV* Valve Technology • Ordering Guide

UPN	Reference Part Number	Lumens	Outer Diameter (F)	Reverse Taper Diameter (F)	Inner Diameter (Ga.)	Guidewire
MST KITS WITH 70 CM WIRE						
H965251210	25-121	Single	4	6	17	Nitinol
H965251230	25-123	Single	5	6	15.5	Nitinol
H965251250	25-125	Dual	5	7	17.5/17.5	Nitinol
H965251290	25-129	Triple	6	7	16.5/19/19	Nitinol
IR KITS WITH 145 CM WIRE						
H965251220	25-122	Single	4	6	17	Nitinol
H965251240	25-124	Single	5	6	15.5	Nitinol
H965251260	25-126	Dual	5	7	17.5/17.5	Nitinol
H965251300†	25-130	Triple	6	7	16.5/19/19	Nitinol

Xcela Hybrid PICC with PASV Valve Technology • Ordering Guide

UPN	Reference Part Number	Description	Lumens	Outer Diameter (F)	Reverse Taper Diameter (F)	Inner Diameter (Ga.)
INTERMEDIATE MST KITS						
H965952440	95-244	Intermediate MST Kits with 45 cm Wire	3	6	7	16.5/19/19
H965952450	95-245	Intermediate MST Kits with 45 cm Wire and Lidocaine	3	6	7	16.5/19/19
MST KITS						
H965952420	95-242	MST† Kits with 70 cm Wire	3	6	7	16.5/19/19
H965952460†	95-246	MST† Kits with 70 cm Nitinol Wire	3	6	7	16.5/19/19
IR KITS						
H965952430	95-243	IR Kits with 145 cm Wire	3	6	7	16.5/19/19
H965952470	95-247	IR Kits with 145 cm Nitinol Wire	3	6	7	16.5/19/19

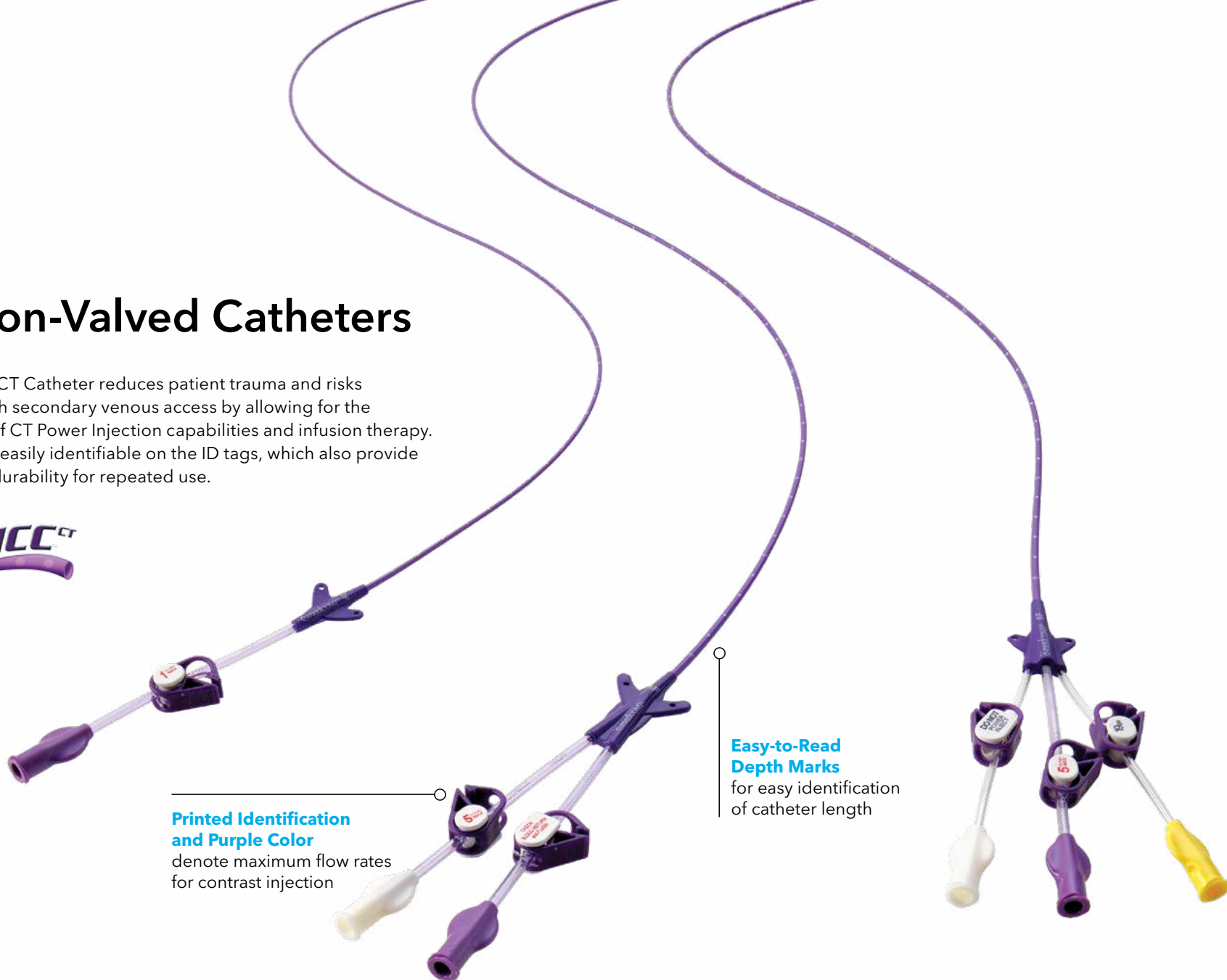
MST = Modified Seldinger Technique

† These items are available Made to Order. Contact Spectrum Vascular Customer Service or your local Territory Manager for details concerning these products.

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

CT, Non-Valved Catheters

The Pro-PICC CT Catheter reduces patient trauma and risks associated with secondary venous access by allowing for the combination of CT Power Injection capabilities and infusion therapy. Flow rates are easily identifiable on the ID tags, which also provide strength and durability for repeated use.



Printed Identification and Purple Color
denote maximum flow rates for contrast injection

Easy-to-Read Depth Marks
for easy identification of catheter length

Pro-PICC CT MST Kits

PICC (w/ stylet)
Peelable sheath introducer
Mini scalpel
Guidewire
10 cc Syringe
Tape measure(s)

Introducer needle
Needle free valve(s)
Catheter securement device
Patient information pack
Patient chart sticker*
Patient ID card*

Pro-PICC CT IR Kits

PICC (w/ stylet)
Peelable sheath introducer
Mini scalpel
Guidewire
10 cc Syringe
Tape measure(s)

Introducer needle
Needle free valve(s)
Catheter securement device
Patient information pack
Patient chart sticker*
Patient ID card*

Pro-PICC CT Basic Nursing Kits

PICC (w/ stylet)
Peelable sheath introducer
Guidewire
10 cc Syringe
Tape measure(s)
Needle free valve(s)

Catheter securement device
Patient information pack
Patient chart sticker*
Patient ID card*
Safety scalpel
Safety introducer needle

Pro-PICC CT Maximal Barrier Kits

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

Pro-PICC CT • Ordering Guide

UPN	Lumens	Outer Diameter (F)	Reverse Taper Diameter (F)	Inner Diameter (Ga.)
MST KITS				
MD17033101	Single	3	4	19
MD17034101	Single	4	5.5	18
MD17035101	Single	5	7	18
MD17035201	Dual	5	7	18/18
MD17036201	Dual	6	7	18/18
MD17036301	Triple	6	7.5	17/19/19
IR KITS				
MD17033102	Single	3	4	19
MD17034102	Single	4	5.5	18
MD17035102	Single	5	7	18
MD17035202	Dual	5	7	18/18
MD17036202	Dual	6	7	18/18
MD17036302	Triple	6	7.5	17/19/19
BASIC NURSING KITS				
MD17033105	Single	3	4	19
MD17034105	Single	4	5.5	18
MD17035105	Single	5	7	18
MD17035205	Dual	5	7	18/18
MD17036205	Dual	6	7	18/18
MD17036305	Triple	6	7.5	17/19/19
MAXIMAL BARRIER KITS				
MR17033106MB	Single	3	4	19
MR17034106MB	Single	4	5.5	18
MR17035106MB	Single	5	7	18
MR17035206MB	Dual	5	7	18/18
MR17036306MB	Triple	6	7.5	17/19/19

Non-CT, Non-Valved Catheters

Vascu-PICC and Vascu-PICC TL catheters provide a range of options to meet the unique needs of your patients. Vascu-PICC offers a tapered design that may help reduce bleeding at the insertion site, while Vascu-PICC TL features a taperless lumen, ideal for smaller vasculature.



Taperless (Vascu-PICC TL) or
Tapered (Vascu-PICC) Design

**Polyurethane
Material**

Radiopaque
Identifiable
under X-Ray

**Easy-to-Read
Depth Marks**

Vascu-PICC and Vascu-PICC TL MST Kits

PICC (w/ stylet)
 Peelable sheath introducer
 Mini scalpel
 Guidewire
 10 cc Syringe
 Tape measure(s)
 Introducer needle
 Needle free valve(s)
 Catheter securement device
 Patient information pack
 Patient chart sticker*
 Patient ID card*

Vascu-PICC and Vascu-PICC TL IR Kits

PICC (w/ stylet)
 Peelable sheath introducer
 Mini scalpel
 Guidewire
 10 cc Syringe
 Tape measure(s)
 Introducer needle
 Needle free valve(s)
 Catheter securement device
 Patient information pack
 Patient chart sticker*
 Patient ID card*

Vascu-PICC and Vascu-PICC TL Basic Nursing Kits

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

Vascu-PICC and Vascu-PICC TL Maximal Barrier Kits

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

Vascu-PICC • Ordering Guide

UPN	Lumens	Outer Diameter (F)	Reverse Taper Diameter (F)	Inner Diameter (Ga.)
MST KITS				
MD17013101	Single	3	7.5	19
MD17014101	Single	4	4	18
MD17015101	Single	5	6	16
MD17015201	Dual	5	7	18/18
MD17016201*	Dual	6	7	17/17
IR KITS				
MD17015202	Dual	5	7	18/18
BASIC NURSING KITS				
MD17013105	Single	3	7	19
MD17014105	Single	4	4	18
MD17014205	Dual	4	6	19/19
MAXIMAL BARRIER KITS				
MR17014106MB	Single	4	6	18
MR17015206MB	Dual	5	6	18/18

* Spectrum Vascular does not keep high inventory levels of this code. Please check with your sales representative for availability and lead times.

Vascu-PICC TL (Taperless) • Ordering Guide

UPN	Lumens	Outer Diameter (F)	Reverse Taper Diameter (F)	Inner Diameter (Ga.)
BASIC MST KITS				
MD81013101	Single	3	7	19
MD81014101*	Single	4	N/A	18
MD81014201*	Dual	4	N/A	19/19
MD81015201*	Dual	5	N/A	18/18
MAXIMAL BARRIER KITS				
MR81013106MB	Single	3	N/A	19
MR81014106MB	Single	4	N/A	18
MR81014206MB	Dual	4	N/A	19/19
MR81015206MB	Dual	5	N/A	18/18

* Spectrum Vascular does not keep high inventory levels of this code. Please check with your sales representative for availability and lead times.

Vascu-PICC TLS Pediatric

Designed to provide exceptional treatment for your smallest patients. Vascu-PICC TLS features dual and single lumen configurations, a polyurethane body, and high flow rates in a small French size. Since smaller veins require greater precision, it makes sense to offer you more choices in PICC sizes.

Polyurethane Material

Provides strength, versatility, and high flow rates in a smaller French size

Multiple Function Luers

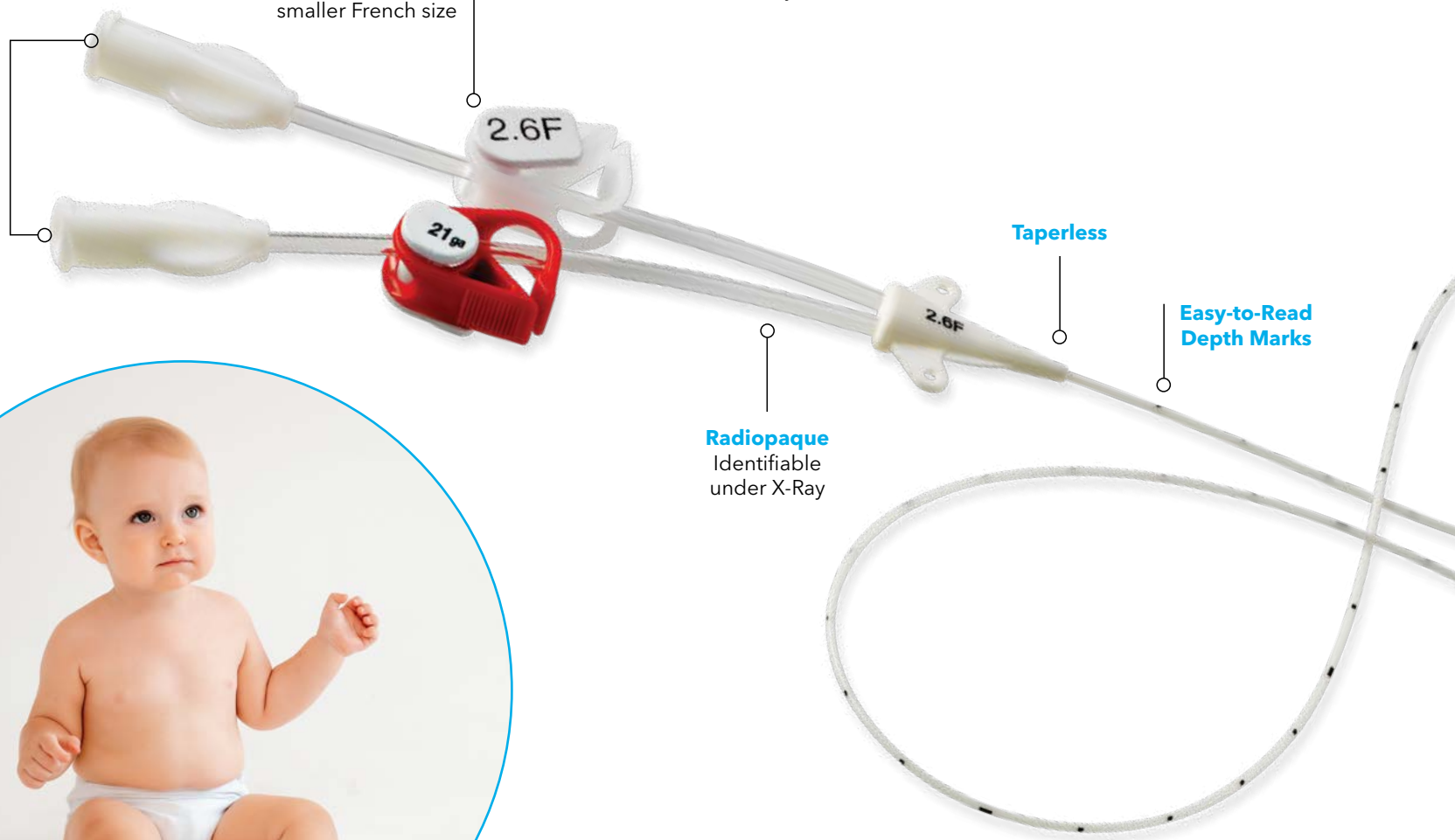
Eliminates separate access lines

Taperless

Easy-to-Read Depth Marks

Radiopaque

Identifiable under X-Ray



Vascu-PICC TLS Pediatric CATHETER ONLY KITS

Vascu-PICC TLS with pre-loaded stylet
Patient information booklet
Needle free valve(s)
Patient chart sticker
Securement device

Vascu-PICC TLS Pediatric BASIC KITS (NO MST)

Vascu-PICC TLS with pre-loaded stylet
Needle free valve(s)
Securement device
10 cc Syringe
2" x 2" Gauze
Tape measure(s)
Tourniquet

Vascu-PICC TLS Pediatric MAXIMAL BARRIER KITS

2" x 2" Gauze
Tape measure(s)
Safety needle
Pre-filled saline syringes (3)
Safety scalpel
Scissors
Chlorhexidine (2)
Surgical tape
37" x 24" Fenestrated drape
Steri-strips
Adhesive dressing
Needle stick pad
5 cc Lidocaine HCL 1%
Filter straw
Lidocaine/saline stickers
Surgical gloves (3)
40" x 70" Drape
Face masks (2)
36" x 24" Drape
5 cc Syringe
Bouffant cap
4" x 4" Gauze
XL Gown

Vascu-PICC TLS Pediatric BASIC OTN KITS

Vascu-PICC TLS with pre-loaded stylet
Needle free valve(s)
Patient chart sticker
Securement device
10 cc Syringe
2" x 2" Gauze
Tape measure(s)
Tearaway introducer
Tourniquet

Vascu-PICC TLS Pediatric BASIC MST KITS

Vascu-PICC TLS with pre-loaded stylet
Needle free valve(s)
Securement device
10 cc Syringe
2" x 2" Gauze
Tape measure(s)
Tearaway introducer
Tourniquet
Guidewire
Safety needle

Vascu-PICC TLS Pediatric • Ordering Guide

UPN	Lumens	Outer Diameter (F)	Length (cm)	Inner Diameter (Ga.)
CATHETER ONLY KITS				
MD17011100	Single	1.9	50	23
MD17012600	Dual	2.6	50	21/23
BASIC OTN KITS				
MD17011121	Single	1.9	20	23
MD17011101	Single	1.9	50	23
MD17012621	Dual	2.6	20	21/23
MD17012601	Dual	2.6	50	21/23
BASIC KITS (NO INSERTION COMPONENTS)				
MD17021121	Single	1.9	20	23
MD17022601	Dual	2.6	50	21/23
BASIC MST KITS				
MD170111224S	Single	1.9	20	23
MD170111024S	Single	1.9	50	23
MD170126224S	Dual	2.6	20	21/23
MD170126024S	Dual	2.6	50	21/23
MAXIMAL BARRIER KITS				
MRVSP19001	Single	1.9	20	23
MRVSP26001	Dual	2.6	50	21/23
UPN	Description			
ACCESSORIES				
MR17019001	Pediatric PICC Procedure w/ Maximal Barrier			

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

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

MIDLINE CATHETERS



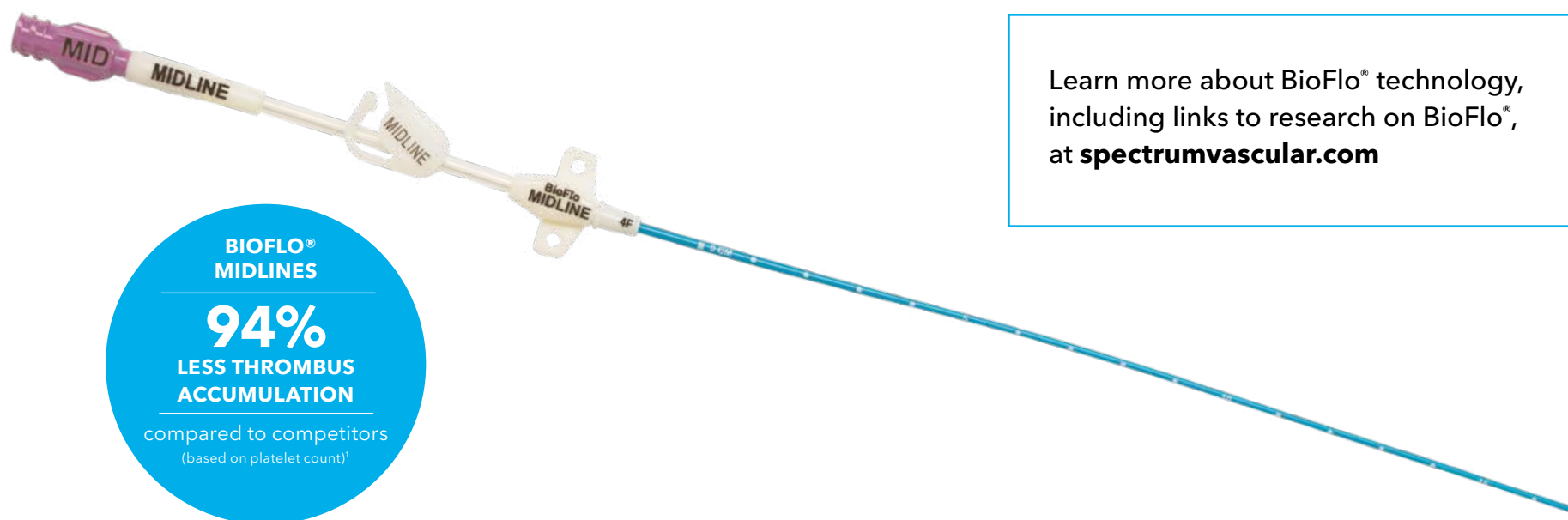
BioFlo® with Endexo® Technology

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



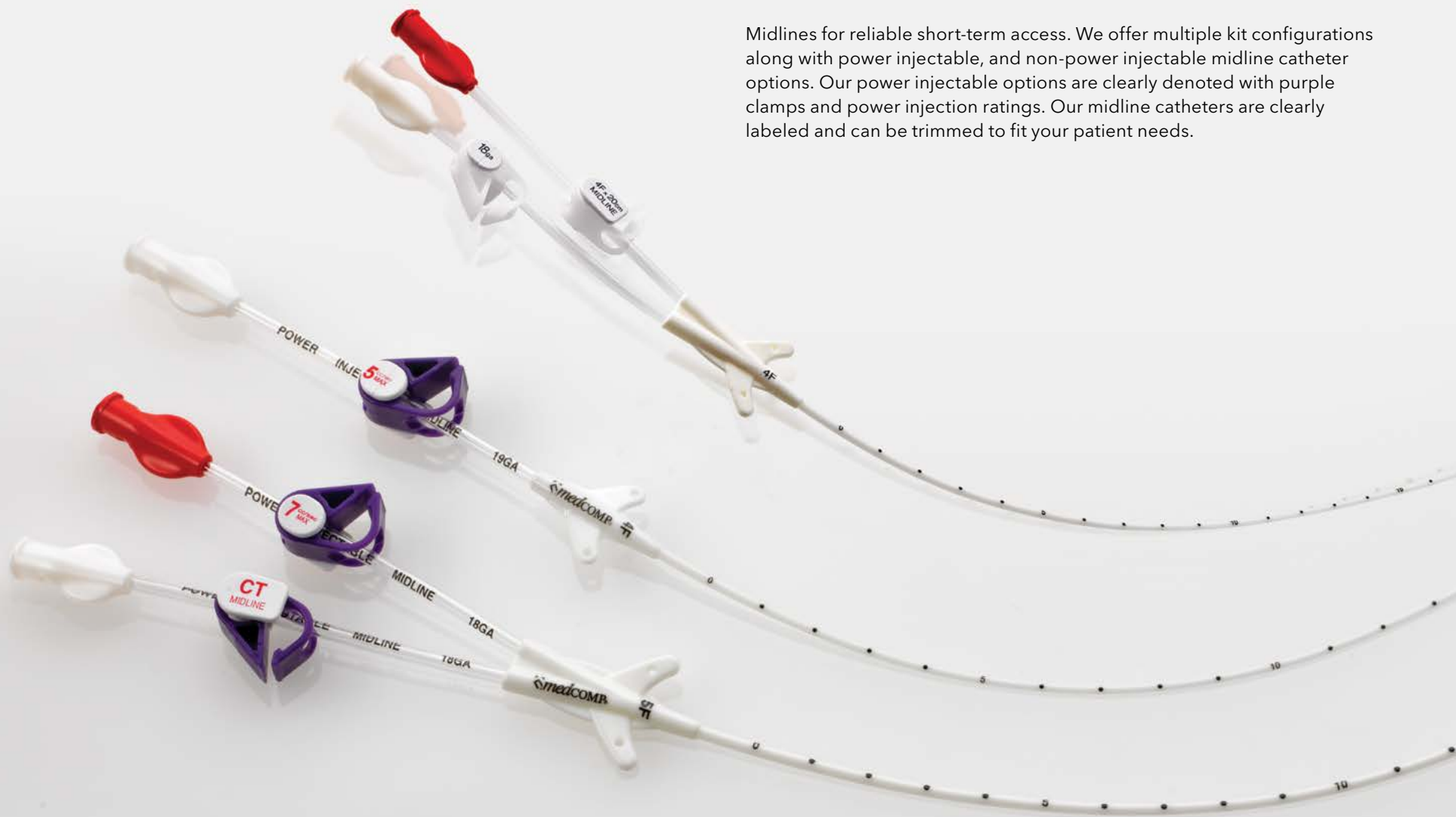
Streamline BioFlo® Midline (10 cm) – Ordering Information

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

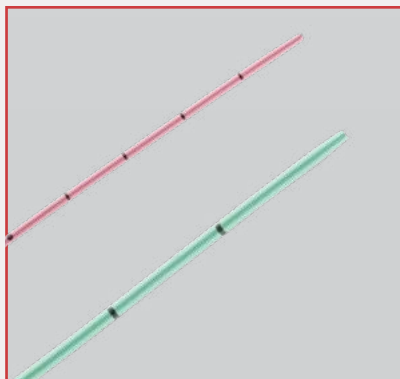
Non-CT Rated Midline • Ordering Guide

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

Elevate your arterial line placement.

ARTERIAL PRESSURE
MONITORING CATHETERS





Pressure Monitoring Catheters

Used for arterial pressure monitoring and blood sampling.

FEATURES + BENEFITS

- Inserted via the minimally invasive Seldinger insertion technique to minimize vessel trauma.
- Lines available for radial or femoral insertion to increase treatment options.
- Femoral access set available with nylon catheter.

UPN	Reference Part Number	Catheter Fr/ Equivalent gage	Material	Catheter Length cm	Wire Guide Diameter inch	Wire Guide Tip Configuration	Needle Baseplate
Sets							
G58400	APM-2.5-15-0-2.5	2.5/21	Ethylene	2.5	0.015	straight	Baseplate
G58401	APM-2.5-15-0-5	2.5/21	Ethylene	5	0.015	straight	Baseplate
G58402	APM-2.5-15-1-2.5	2.5/21	Ethylene	2.5	0.015	straight	Standard
G58403	APM-2.5-15-1-5	2.5/21	Ethylene	5	0.015	straight	Standard
G58404	APM-3.0-18-0-8	3/20	Ethylene	8	0.018	straight	Baseplate
G58405	APM-3.0-18-0-5	3/20	Ethylene	5	0.018	straight	Baseplate
G58406	APM-3.0-18-1-8	3/20	Ethylene	8	0.018	straight	Standard
G58407	APM-3.0-18-1-5	3/20	Ethylene	5	0.018	straight	Standard
G58408	APM-4.0-21-0-12	4/18	Ethylene	12	0.021	straight	Baseplate
G58409	APM-4.0-21-0-6	4/18	Ethylene	6	0.021	straight	Baseplate
G58410	APM-4.0-21-1-12	4/18	Ethylene	12	0.021	straight	Standard
G58411	APM-4.0-21J-1-12	4/18	Ethylene	12	0.021	straight & 2 mm J	Standard
G58420	APM-3.0-18-1-8-UR	3/20	Urethane	5	0.018	straight	Baseplate
G58398	APM-5.0-35J-1-15-NY	5/16	Nylon	15	0.035	straight & 3 mm J	Standard
Trays							
G58412	APMY-2.5-15-0-2.5	2.5/21	Ethylene	2.5	0.015	straight	Baseplate
G58413	APMY-2.5-15-0-5	2.5/21	Ethylene	5	0.015	straight	Baseplate
G58414	APMY-2.5-15-1-2.5	2.5/21	Ethylene	2.5	0.015	straight	Standard
G58415	APMY-3.0-18-0-8	3/20	Ethylene	8	0.018	straight	Baseplate
G58416	APMY-3.0-18-0-5	3/20	Ethylene	5	0.018	straight	Baseplate
G58417	APMY-3.0-18-1-5	3/20	Ethylene	5	0.018	straight	Standard
G58418	APMY-4.0-21-0-12	4/18	Ethylene	12	0.021	straight	Baseplate
G58419	APMY-4.0-21J-1-12	4/18	Ethylene	12	0.021	straight & 2 mm J	Standard
G58399	APMY-5.0-35J-1-15-NY	5/16	Nylon	15	0.035	straight & 3 mm J	Standard

Some products or part numbers may not be available in all markets. Contact your local Spectrum Vascular sales representative or Customer Service for details.
Sets include arterial catheter, introducer needle, wire guide, dilator (femoral artery access sets only) and syringe.

Infusion for emergent situations.

INTRAOSSEROUS INFUSION NEEDLES





Intraosseous Infusion Needle

Used primarily during pediatric emergencies as an alternative to unsuccessful intravenous access to allow for effective infusion of resuscitative drugs or fluids.

FEATURES + BENEFITS

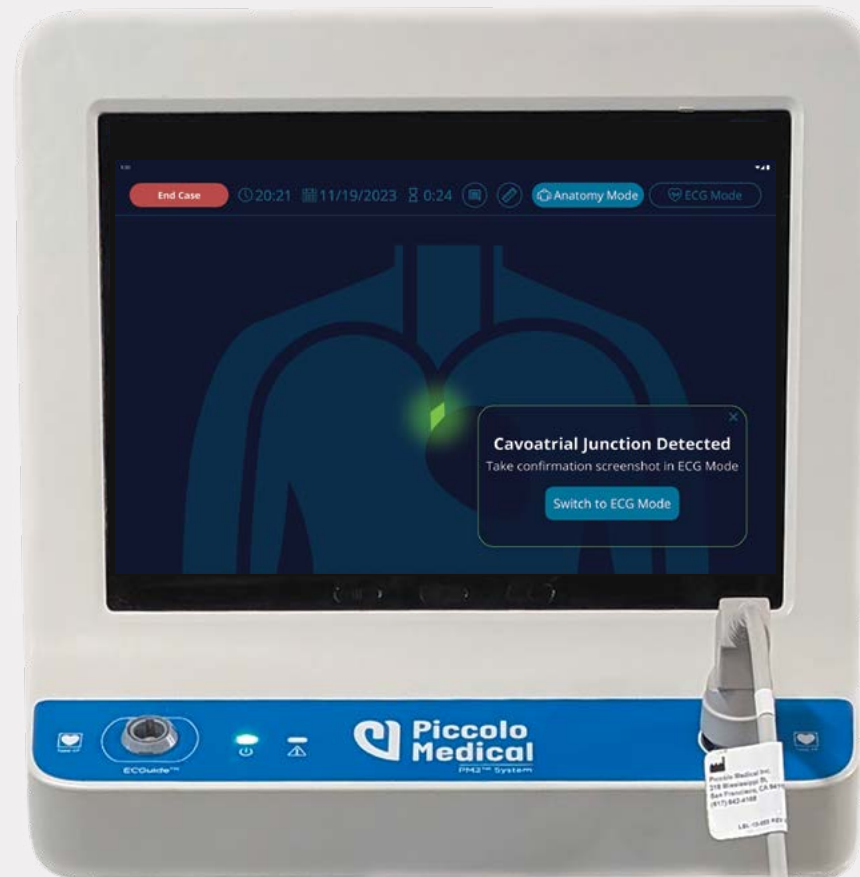
- Two laterally opposed sideports positioned near the needle cannula’s distal tip ensure proper flow if the needle tip is obstructed by posterior bone cortex.
- The positioning mark that is 1 cm proximal to the needle cannula’s distal tip provides a visual reference point for depth determination.

UPN	Reference Part Number	Needle Gage	Cannula / Needle Length cm
G05312	C-DIN-14-3.0-T45-DKM	14	3
G05986	C-DIN-16-2.5-T45-DKM	16	2.5
G04958	C-DIN-16-3.0-T45-DKM	16	3
G04954	C-DIN-16-4.0-T45-DKM	16	4
G07004	C-DIN-18-2.5-T45-DKM	18	2.5
G05133	C-DIN-18-3.0-T45-DKM	18	3

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

Navigation where **you need it**

SV GUIDANCE



Our guidance systems are designed to be used with any brand of catheter allowing you the freedom to choose what is best for your patient.

SV NAV+ delivers real-time catheter navigation using blood flow sensing

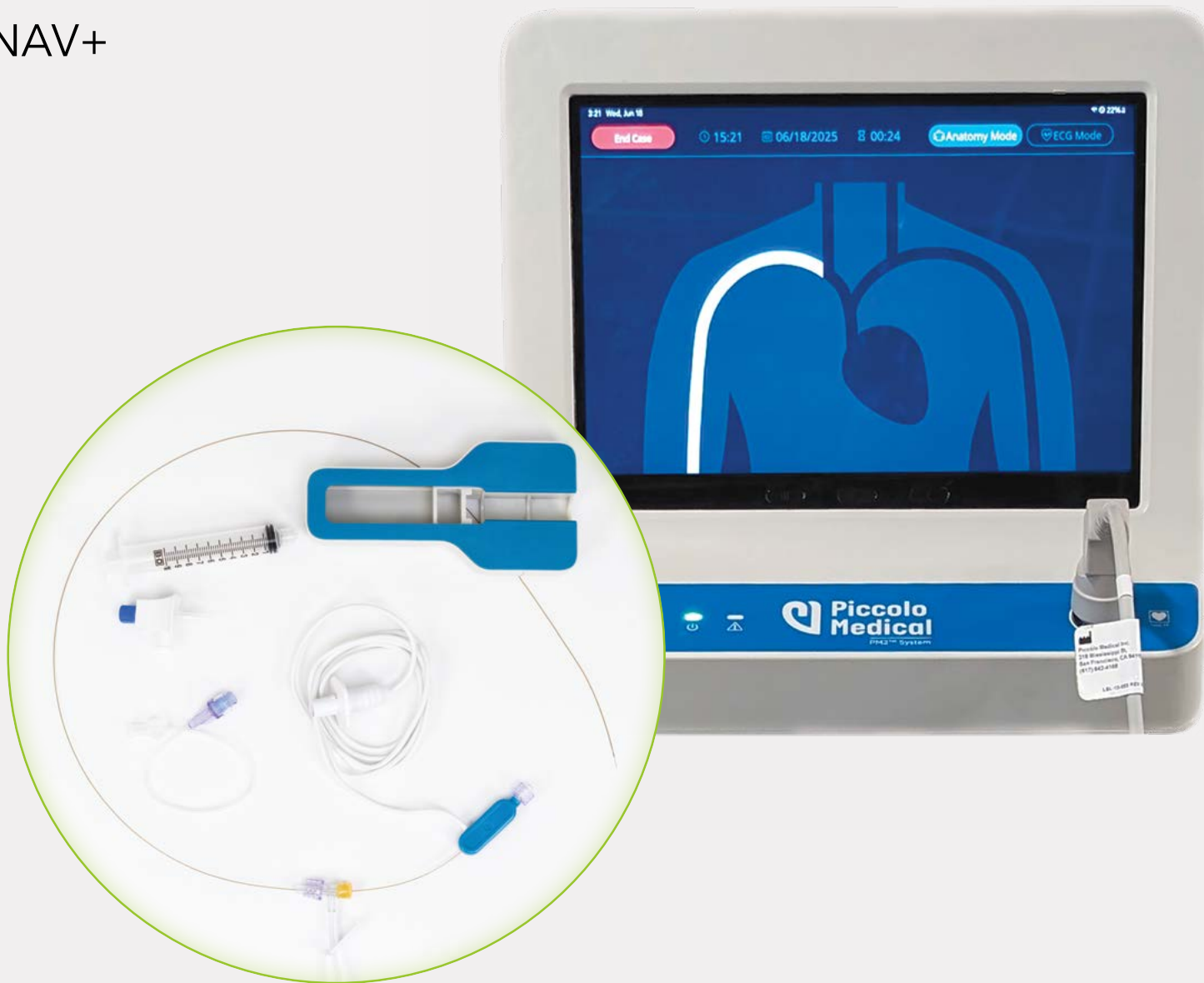
ECGuide™ is cleared as an alternative for X-ray confirmation for PICCs and CVCs

The **C3 Wave System** is a wireless ECG solution designed to keep clinicians' hands free



Navigation platform **for vascular access**

SV NAV+





SV NAV+

Navigation platform for vascular

- Real-time, accurate bedside catheter tip confirmation for CVCs and PICCs
- Eliminates the need for confirmatory chest X-rays
- Compatibility with ultrasound devices

FEATURES + BENEFITS

- Is cost effective
- Has easy to use software
- Improves patient comfort
- Offers seamless integration with all brands of catheters



UPN	Description
FGN-15-694	Roll Stand (each) includes: Handle & Basket
FGS-15-773	SmartPICC Accessory Pack - described as Nav+ Accessory Pack
FGN-15-779	PM2+ System
FGN-15-903	Charger, PM2, Replacement
FGN-15-902	ECG Cable, PM2, Replacement
FGN-15-904	System Mount, PM2, Replacement

Real-time catheter guidance using blood flow sensing

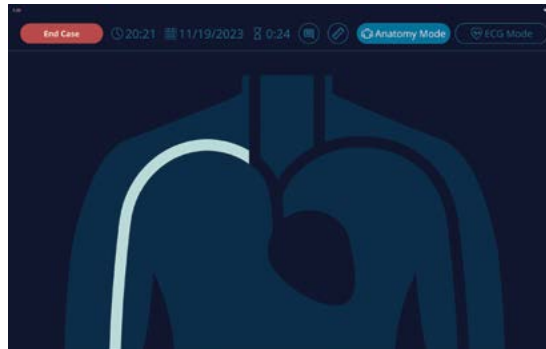
Immediate detection of improper vein advancements



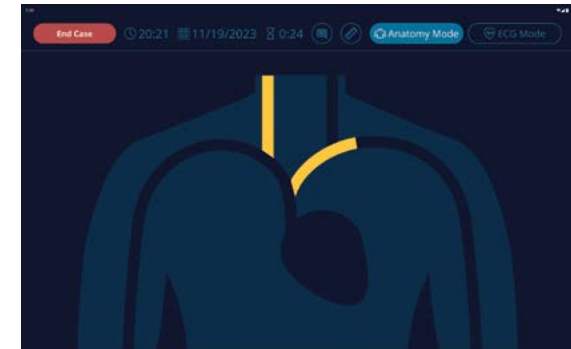
Select insertion site



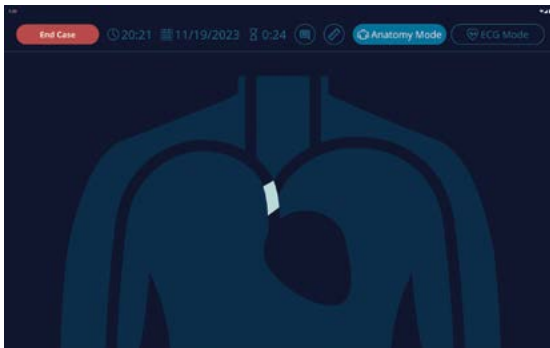
Real-time tip navigation and feedback



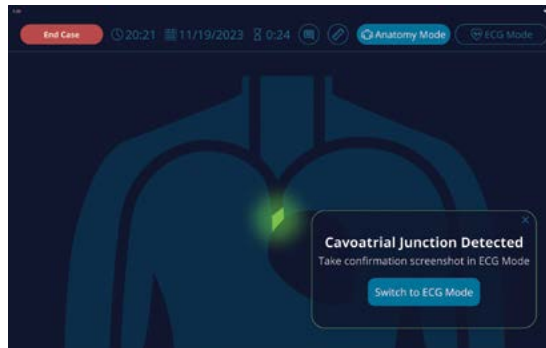
Blood flow sensor for immediate detection of accidental turns



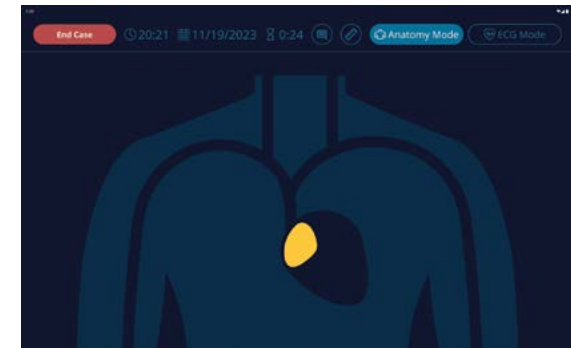
Intravascular ECG sensor to detect P-wave changes when catheter enters superior vena cava



After detecting cavoatrial junction positioning, clinician can switch to ECG mode for final confirmation



Intravascular blood flow and ECG sensors show when catheter is too far into the right atrium



Millions of catheter malpositions every year

- 3 million PICCs placed each year¹
- 50% malposition rate of catheters when placed without guidance technology²
- 45% increased risk of thrombosis with a malposition catheter³

1. U.S. Vascular Access Market Size & Trends| 2025-2031. Accessed April 9, 2025. <https://idataresearch.com/product/vascular-access-devices-market-united-states/>.

2. Johnston AJ, Bishop SM, Martin L, See TC, Streater CT. Defining peripherally inserted central catheter tip position and an evaluation of insertions in one unit. *Anaesthesia*. 2013;68(5):484-491. doi:10.1111/anae.12188

3. Caers J, Fontaine C, Vinh-Hung V, et al. Catheter tip position as a risk factor for thrombosis associated with the use of subcutaneous infusion ports. *Support Care Cancer*. 2005;13(5):325-331. doi:10.1007/s00520-004-0723-1

Attach. Flush. **Plug and GO!**

ECGUIDE™





ECGuide™

ECGuide™ uses intravascular ECG technology which has been shown to improve catheter placement accuracy and reduce complication rates.¹

- 3 Million PICCs placed each year²
- 50% malposition rate of catheters when placed without guidance technology³
- 45% increased risk of thrombosis with a malposition catheter⁴

FEATURES + BENEFITS

- 510(k) cleared as alternative to x-ray confirmation for adult, pediatric, and neonatal patients
- Bedside confirmation with ECG guidance
- Compatible with PICC, CVC, ports, hemodialysis catheters 1 French or larger
- Universal luer lock connection
- Seamless integration into normal workflow
- Wireless printing
- Easily generate procedure reports for documenting

UPN	Description	GTIN
FGN-15-634	PM2 Monitor (each) includes: ECG trunk cable & charger	00860002238517
FGN-15-694	Roll Stand (each) includes: Handle & basket	00860002238548
FGS-15-640	ECGuide Basic Pack (20 pack) includes: 20 ea. ECGuide Connector	00860002238531
FGS-15-852	ECGuide Bundle Pack (10 pack) includes: 10 ea. ECGuide Connector & 10 ea. sterile tablet cover	00860002238586

1. Yu Y, Yuan L. The electrocardiographic method for positioning the tip of central venous access device. *J Vasc Access*. 2020;21(5):589-595. doi:10.1177/1129729819874986

2. iData Research. Vascular Access Devices Market Size, Share & COVID-19 Impact Analysis | United States | 2023-2029 | MedSuite. iData Research; 2023. Accessed April 9, 2025. [idataresearch.com/product/vascular-access-devices-market-united-states](https://www.idataresearch.com/product/vascular-access-devices-market-united-states)

3. Johnston AJ, Bishop SM, Martin L, See TC, Streater CT. Defining peripherally inserted central catheter tip position and an evaluation of insertions in one unit. *Anaesthesia*. 2013;68(5):484-491. doi:10.1111/anae.12188

4. Caers J, Fontaine C, Vinh-Hung V, et al. Catheter tip position as a risk factor for thrombosis associated with the use of subcutaneous infusion ports. *Support Care Cancer*. 2005;13(5):325-331. doi:10.1007/s00520-004-0723-1

Connect. Capture. **Confirm.**

C3 WAVE





C3 Wave

The next generation of ECG PICC placement. The C3 Wave device is an easy to use, app-based wireless ECG system designed to free up clinicians' hands by removing excess wires and allowing more focus on patient care.

FEATURES + BENEFITS

- Easy and intuitive from the very beginning
- Easily correlate catheter depth with P wave activity
- Seamlessly transition between extracavitary and intracavitary waveforms
- Intraprocedural system settings enable a stable and clear waveform
- Capture & compare multiple snapshots

CAPITAL SYSTEM

UPN	Description	Quantity
H787MRC3S02US0	C3 Wave System without iPad - United States	1/box

PROCEDURE DISPOSABLES

UPN	Description	Quantity
H787MRC3RD0001	ECG Cable Accessory Pack (ECG Clip Cable, Sterile Remote Cover and Window Drape)	12/box
H787MRC3RD0031	ECG Cable Accessory Pack (ECG Clip Cable and Sterile Remote Cover)	25/box
H787MRC3RD0041	ECG Cable Accessory Pack (ECG Clip Cable, Sterile Remote Cover and Full Body Drape)	5/box

C3 WAVE ACCESSORIES

UPN	Description	Quantity
H787MRC3S900	C3 Wave System Hub	1/box
H787MRC3S910	C3 Wave System Remote	1/box
H787MRC3S920	C3 Wave System Hub Battery	1/box
H787MRC3S930	Brother Label Printer	1/box
H787MRC3S960	C3 Wave System Hub Charging Base	1/box
H787MRC3S970	C3 Wave System Remote Battery	1/box
H787MRC3S9160	C3 Wave System Pole Mount Kit	1/box
H787MRC3S940	C3 Wave System Pole Release Clamp	1/box
H787MRC3S9190	Hub Power Supply - Australia, New Zealand	1/box
H787MRC3S9200	Hub Power Supply - US	1/box
H787MRC3S9210	C3 Wave System ECG Lead Set	1/box

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

Vascular Access **Accessories**

ORDERING GUIDE



Vascular Access Accessories • Ordering Guide

INDIVIDUALLY PACKAGED COMPONENTS

UPN	Product Description	Box Quantity
PEELABLE INTRODUCERS		
H787065110065	3F x 7 cm Introducer	10
H787065110075	4F x 7 cm Introducer	10
H787065110085	5F x 7 cm Introducer	10
H787065110095	6F x 7 cm Introducer	10
H787065110045	6F x 10 cm Introducer	10
H787065110035	5F x 10 cm Introducer	10
Includes: Non-valved Introducer		
GUIDEWIRES		
H787065072105	0.018" x 80 cm SS Mandrel/ SS Tip	10
H787065072115	0.018" x 130 cm SS Mandrel/ SS Tip	10
H787065072125	0.018" x 80 cm SS Mandrel - Platinum Tungsten (PT) Tip	10
H787065072135	0.018" x 130 cm SS Mandrel/ PT Tip	10
H965457461	0.018" x 70 cm – Nitinol Guidewire w/ Tungsten Coil & Radiopaque Tip	3
H787457471	0.018" x 145 cm – Nitinol Guidewire w/ Tungsten Coil & Radiopaque Tip	3

INTRODUCER KITS AND SETS

MINI STICK II MICRO INTRODUCER KIT (5 UNITS PER BOX)

Product Description	UPN			
	3F	4F	5F	6F
Mini Stick II Micro Introducer Kit with Nitinol Guidewire w/ Radiopaque Tip		H965459001	H965459011	H965459021
Includes: 7 cm peelable sheath dilator, 21G x 7 cm echogenic safety needle, 21G x 7 cm non-safety needle, 0.018" x 60 cm nitinol guidewire with radiopaque tip				
Product Description	UPN			
	3F	4F	5F	6F
Mini Stick II Micro Introducer Kit with Nitinol Guidewire w/ Stainless Steel Coil	H965459181*	H965459151	H965459161	H965459171
Includes: 7 cm peelable sheath dilator, 21G x 7 cm echogenic safety needle, #11 safety scalpel, 0.018" x 45 cm nitinol guidewire with stainless steel coil				
*Includes: 5 cm peelable sheath dilator, 21G x 5 cm echogenic safety needle, #11 safety scalpel, 0.018" x 45 cm nitinol guidewire with stainless steel coil				

Vascular Access Accessories • Ordering Guide

INTRODUCER KITS AND SETS (CONTINUED)		
UPN	Product Description	Box Quantity
VAXCEL MINI STICK: PEELABLE DILATOR SETS		
M001459841	5F Peelable Dilator Set (with SS/PD Guidewire)	10
M001459851	6F Peelable Dilator Set (with SS/PD Guidewire)	10
M001459891	4.5F Peelable Dilator Set (with NT/PD Guidewire)	10
M001459901	5F Peelable Dilator Set (with NT/PD Guidewire)	10
M001459911	6F Peelable Dilator Set (with NT/PD Guidewire)	10
Includes: Peelable dilator, 21G introducer needle, and 0.018" x 60cm floppy-tip guidewire		
PASV VALVE MS (MODIFIED SELDINGER) INTRODUCER KITS		
M001MS3K1	Catheter Introducer 3.5F x 5 cm - MS Kit	5
M001MS4K1	Catheter Introducer 4.5F x 5 cm - MS Kit	5
M001MS5K1	Catheter Introducer 5F x 5 cm - MS Kit	5
M001MS6K1	ATO - Catheter Introducer 6F x 5 cm - MS Kit	5
Includes: Peelable valved sheath dilator, 21G introducer needle, 0.018" x 30 cm SS guidewire, #11 scalpel		
ULTRASOUND ACCESSORIES		
UPN	Product Description	Box Quantity
NEEDLE GUIDE BRACKET		
M001457100	Needle Guide Bracket for use with SonoSite L25 Series Transducers	1
Includes: Needle Guide Bracket		
TRANSDUCER COVER KITS		
M001457231	iLook Ultrasound Transducer Cover Kit (10.2 x 147 cm)	24
M001457251	iLook 21G Needle Guide/Transducer Cover Kit	24
Includes: Probe cover, ultrasound gel, rubber bands, needle guide		
UPN	Description	
ACCESSORIES		
MR17019000	PICC Procedure Tray w/ Maximal Barrier	
MR17019001	Pediatric PICC Procedure Tray w/ Maximal Barrier	
MR190000	Maximal Barrier Protection Tray	
MR190001	Accessory Pack (Gown, Drape, Cap, Mask)	

IMPORTANT SAFETY INFORMATION

For Indications of Use, contraindications, warnings, adverse reactions, precautions, and other safety information, please refer to the insert accompanying each product.

Spectrum Vascular acquired the vascular access business of Cook Medical (2023) and Angiodynamics (2024). Product continues to be manufactured and labeled / branded as Cook and Angiodynamics pending transition.

BioFlo is a registered trademark of AngioDynamics, Inc. All other trade names referenced are the trademarks or registered trademarks of their respective companies. Currently branded and sold as Cook Spectrum® Technology. Endexo is a registered trademark of Evonik Canada Inc.

