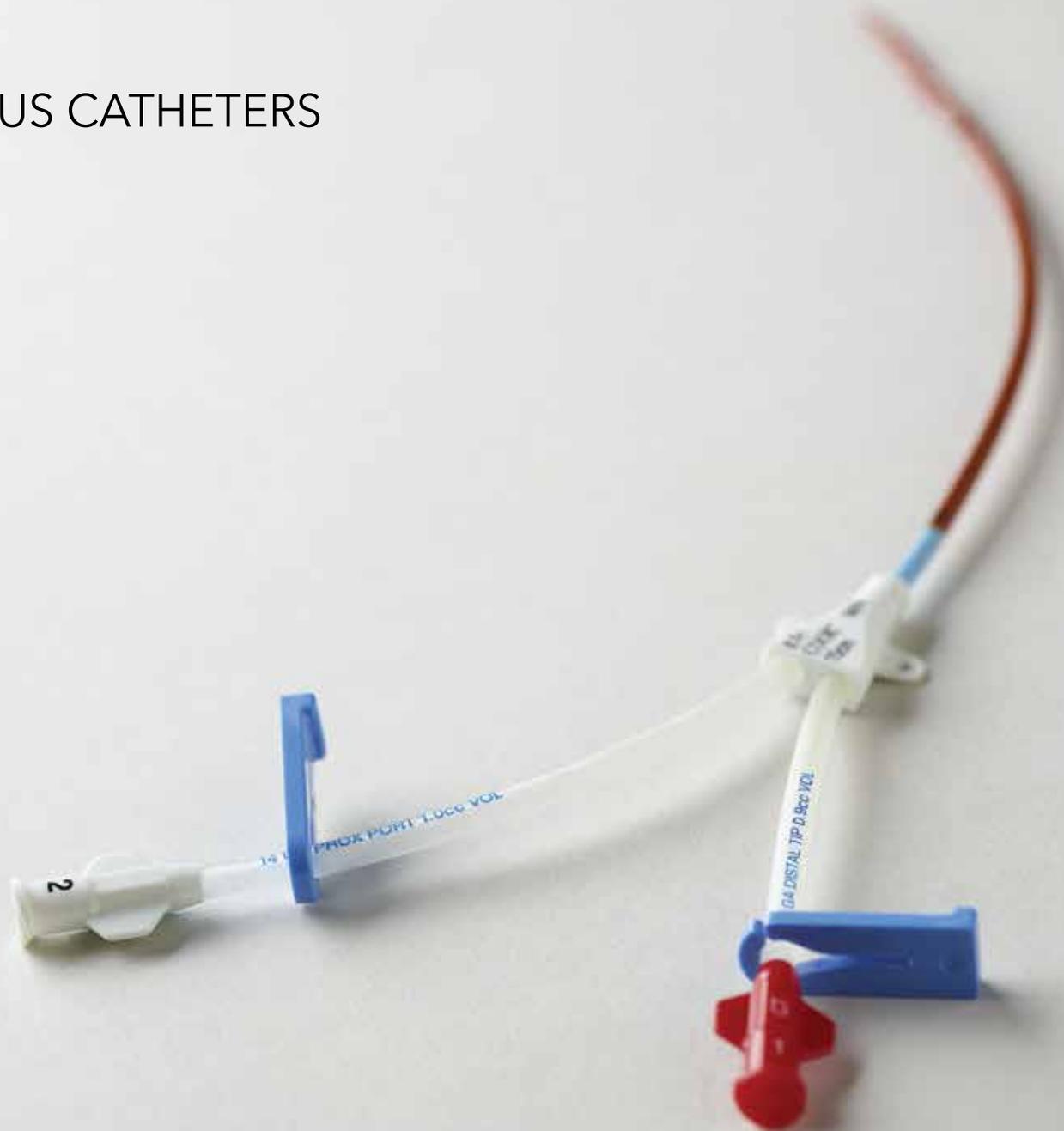


Proven protection against CRBSIs.

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.

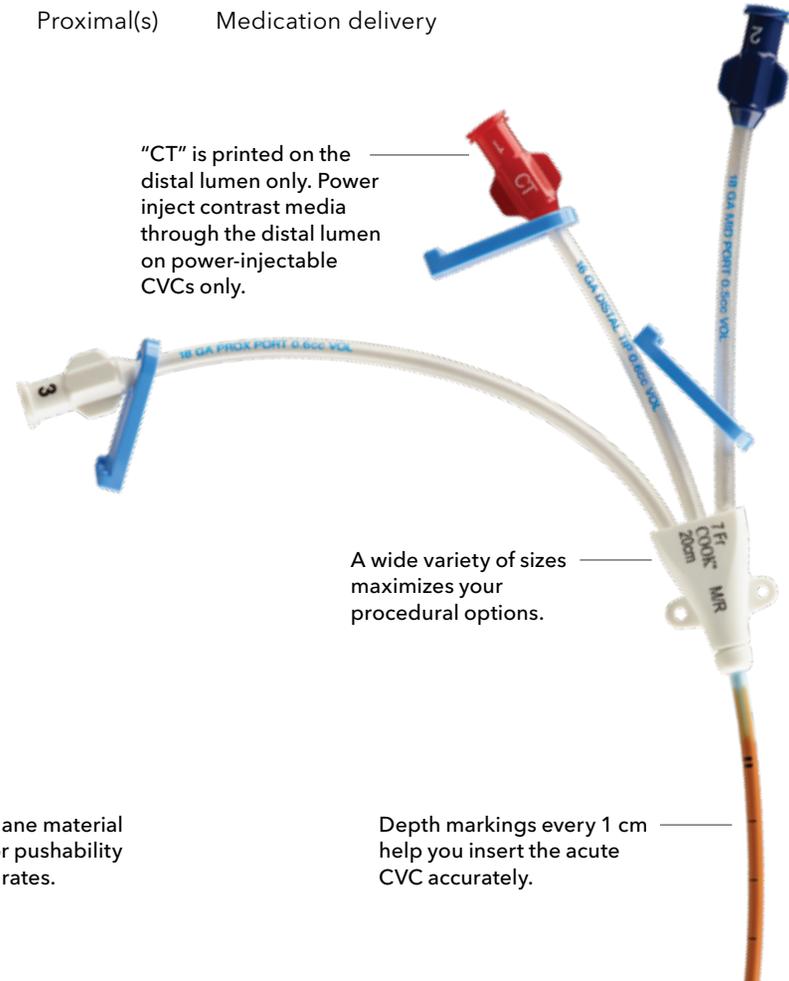
1. For power injection only - please refer to the IFU accompanying the product.
 2. Maximum flow rates are only shown for power injection lumens.



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

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 |



"CT" is printed on the distal lumen only. Power inject contrast media through the distal lumen on power-injectable CVCs only.

A wide variety of sizes maximizes your procedural options.

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



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.



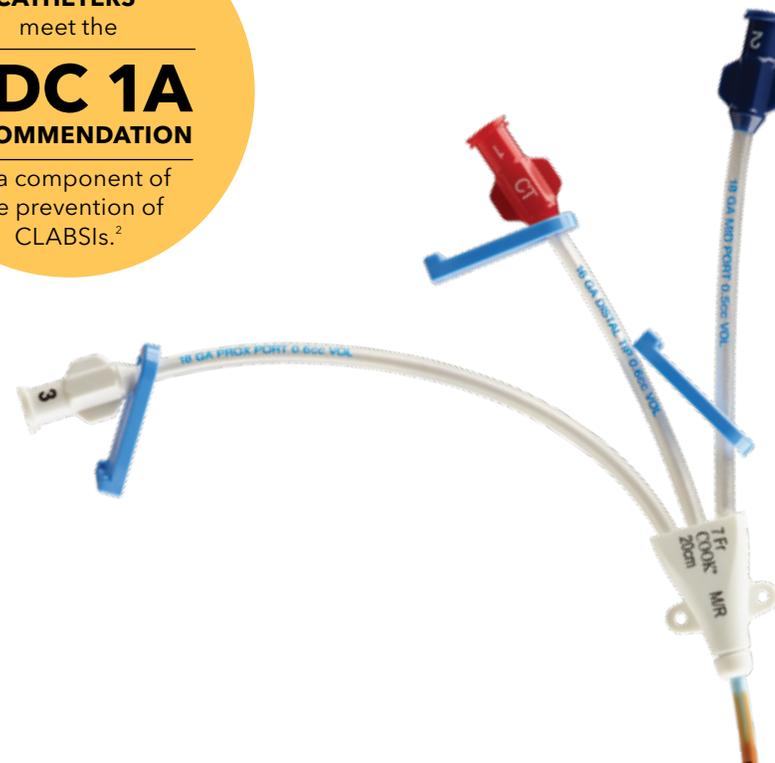
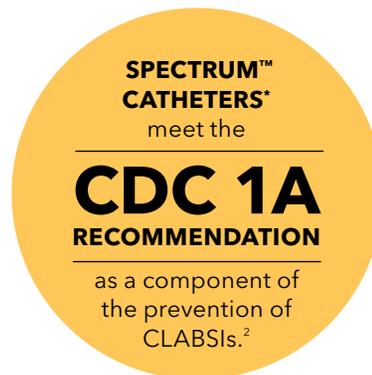
No evidence of increased resistance

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}



*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 | - | - |

*Currently branded and sold as Cook Spectrum® Technology.

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-UTLMYJ-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-UTLMYJ-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 | - | - |

*Currently branded and sold as Cook Spectrum® Technology.

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 | UTLMYJ-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 | UTLMYJ-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 | 1,422 | - | - |
| 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 | - | - |
| 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 | - | - |
| 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 | - | - |
| | | | | | | | | | Proximal | 14 | .6 | 1,422 | - | - |
| 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 | - | - |
| | | | | | | | | | Proximal | 14 | .6 | 1,422 | - | - |
| 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 |