

Optimize your hemodialysis procedural bundle.



Cook Turbo-Flo® HD

ACUTE HEMODIALYSIS CATHETER SETS AND TRAYS

Featuring
Sof-Flex®
catheter material
for balanced
performance
and feel.

Choose from two tray solutions based on recommendations from nine organizations.

The Cook Turbo-Flo® HD Acute Hemodialysis Catheter Tray (standard tray) and the Cook Turbo-Flo HD Acute Hemodialysis Catheter Tray with Maximal Sterile Barriers (MSB tray) are two options designed to help meet the following agencies' guidelines:

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

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

Organized for safety from start to finish.

The standard tray provides a complete and convenient assortment of all the components you need to place an acute hemodialysis catheter at the bedside. The tray is ergonomically designed and sequentially organized to promote procedural efficiency. The MSB tray includes additional components to support your facility's ultimate goal: to reach an infection rate of zero.



Simple, tactical, and efficient for your procedure (STEP)

The following components are designed to support you every step of the way:



Preparation

- Catheter insertion checklist
- The maximal sterile barrier option also includes:
 - Cap
 - Mask with face shield
 - Gown
 - Full-body, tear-away fenestrated drape
 - ChloroPrep® with Hi-Lite Orange™ Tint
 - Lidocaine and lidocaine label
 - Filter straw
 - Prefilled sodium chloride syringes



Placement

- Cook Turbo-Flo HD Acute Hemodialysis Catheter
- BakSnap® safety syringes
- EchoTip® echogenic introducer needles
- Safe-T-J® double flexible-tipped wire guide
- Sterile gauze pads
- Safety scalpel
- Suture with a needle driver



Postprocedure

- Locking sharps container
- Needle holder cup
- Catheter insertion checklist (same list for preparation)
- Postprocedure label for the patient's chart

Simplify your procedural bundle.



PREPARATION



PLACEMENT



POSTPROCEDURE



ChloraPrep with Hi-Lite Orange Tint

These one-step applicators comply with the CDC and IHI guidelines.



BakSnap safety syringes

The retractable and locking plunger enhances needlestick safety and reduces the risk of contamination. Using BakSnap safety syringes complies with OSHA's Needlestick Safety and Prevention Act.



Disposable safety scalpel



Prefilled 10 mL sodium chloride syringes



Locking sharps container

The sharps container reduces the risk of accidental needlesticks during disposal. Using the sharps container complies with OSHA's Needlestick Safety and Prevention Act.



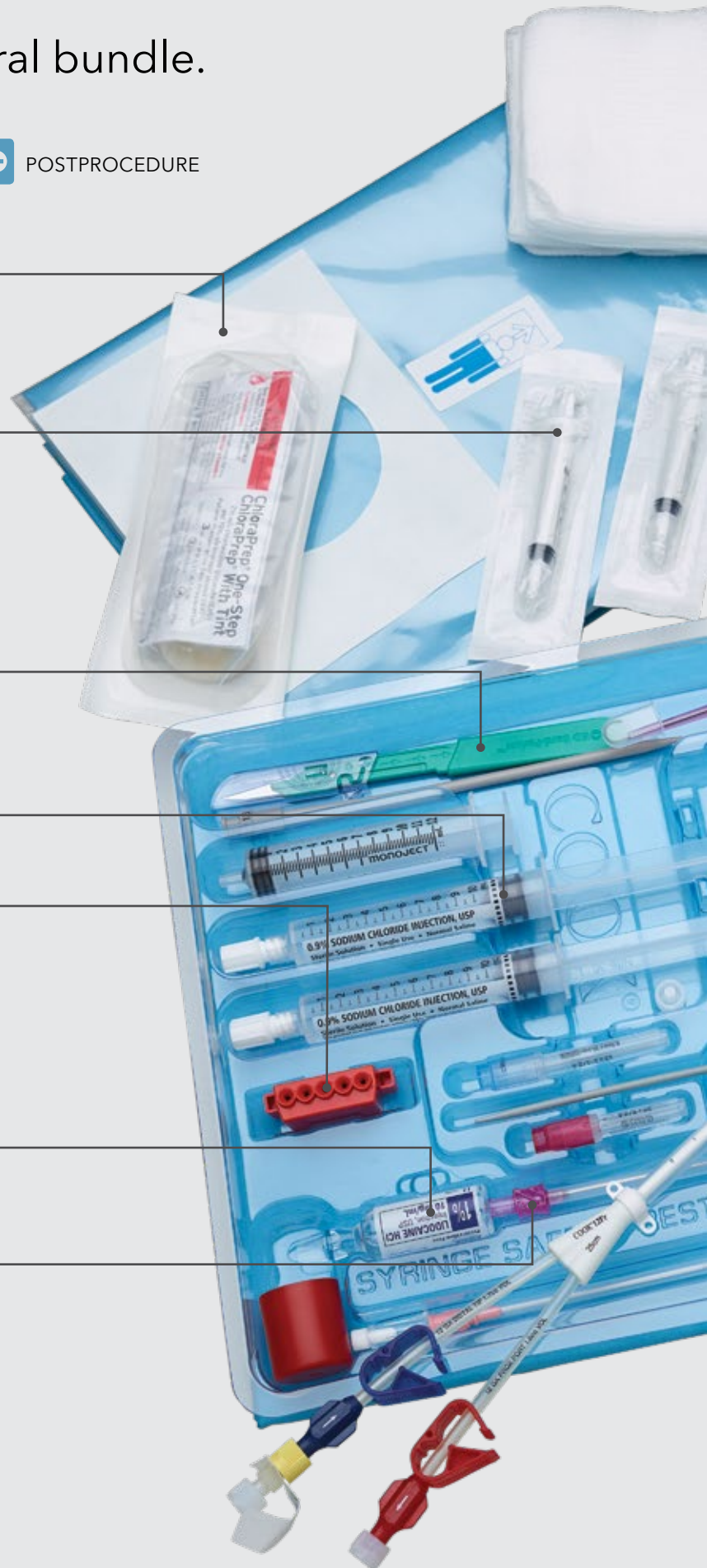
Lidocaine with an adhesive syringe label

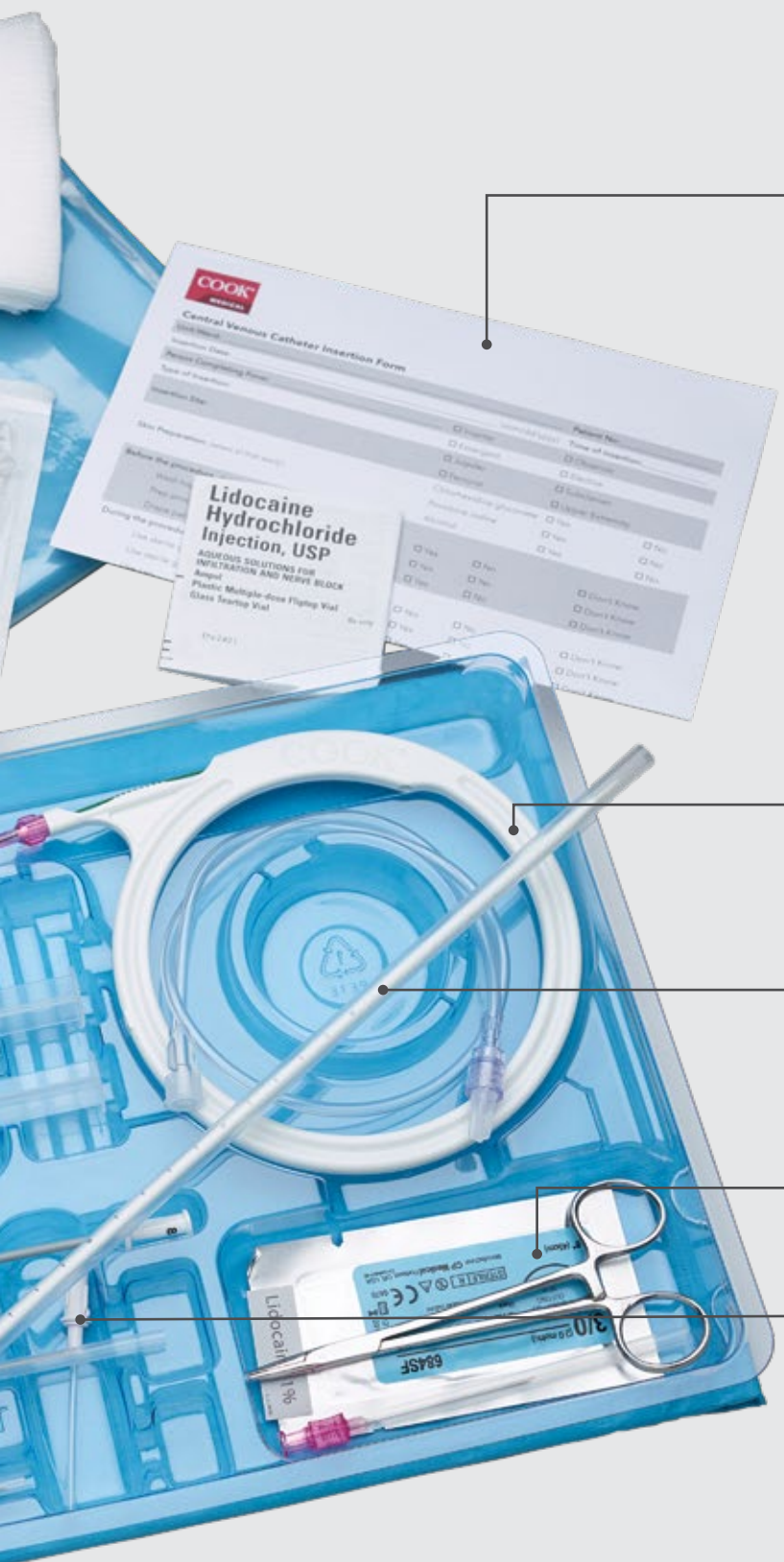
The label complies with The Joint Commission's guidelines.



EchoTip echogenic introducer needles

Extensive dimpling on the EchoTip needle's distal tip dramatically enhances visibility and maximizes the benefits of ultrasound.





Catheter insertion checklist

The checklist helps you comply with CDC and IHI guidelines.



Optional MSB preparation bundle

The following optional components are included in the MSB trays and comply with CDC, IHI, SHEA, and IDSA guidelines:

- Sterile gown
- Mask with face shield
- Cap
- Full-body, tear-away fenestrated drape



Safe-T-J double flexible-tipped wire guide



Cook Turbo-Flo HD Acute Hemodialysis Catheter



Suture with a needle driver



Filter straw

The filter straw reduces the risk that particulates will enter the syringe.

The following components are also included:

- 22 gage needle
- 25 gage needle
- 12 mL disposable syringe
- CSR wrap
- Dilators
- Needle holder cup
- Sterile gauze pads
- Transducer tubing

Explore the benefits of Cook Turbo-Flo HD.

The extension tubing clamps are designed for both ease of use and ease of access.

The two D-shaped lumens are designed to optimize flow rates.

The short extension tubing helps minimize tangling.

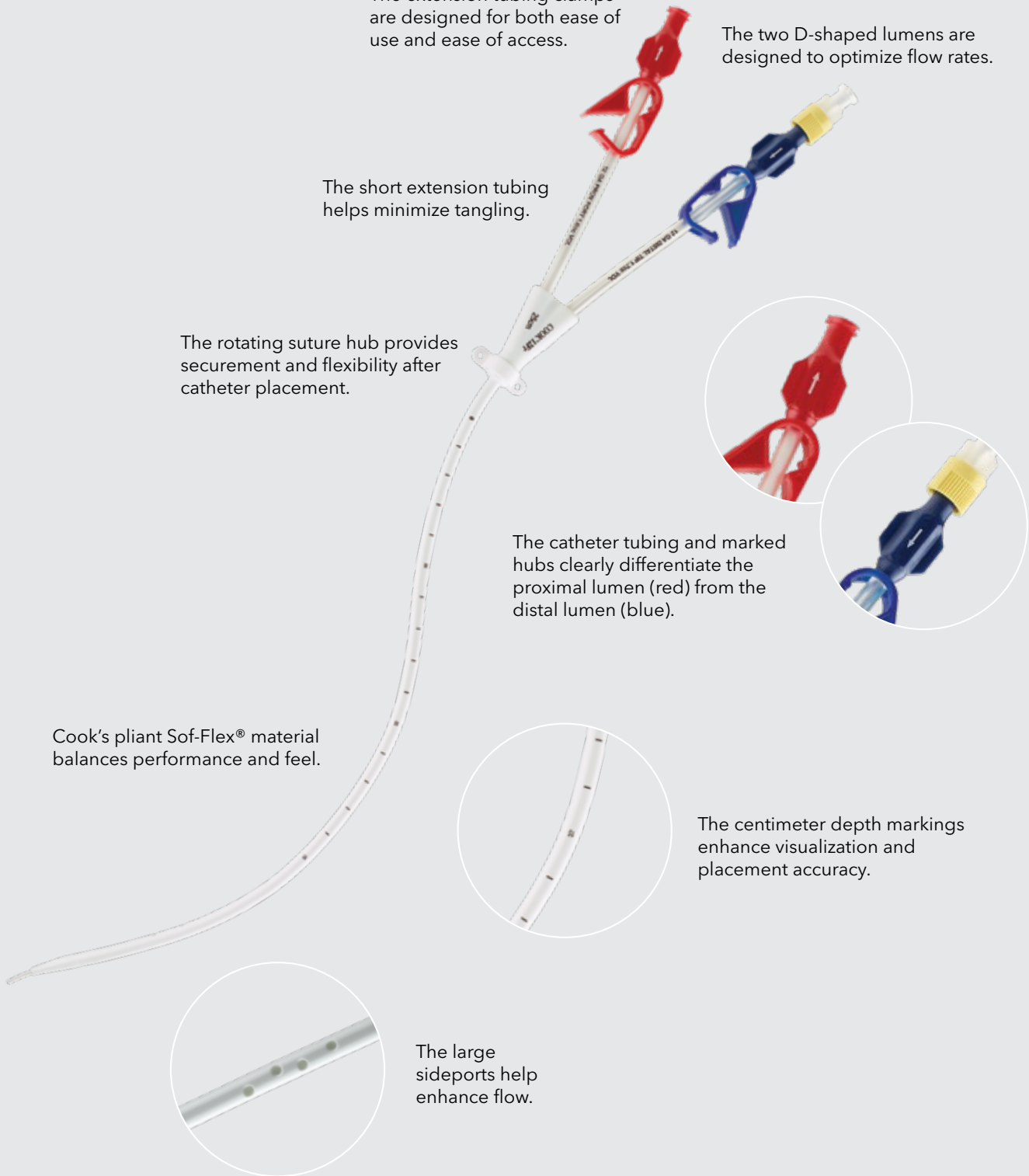
The rotating suture hub provides securement and flexibility after catheter placement.

The catheter tubing and marked hubs clearly differentiate the proximal lumen (red) from the distal lumen (blue).

Cook's pliant Sof-Flex® material balances performance and feel.


The centimeter depth markings enhance visualization and placement accuracy.

The large sideports help enhance flow.



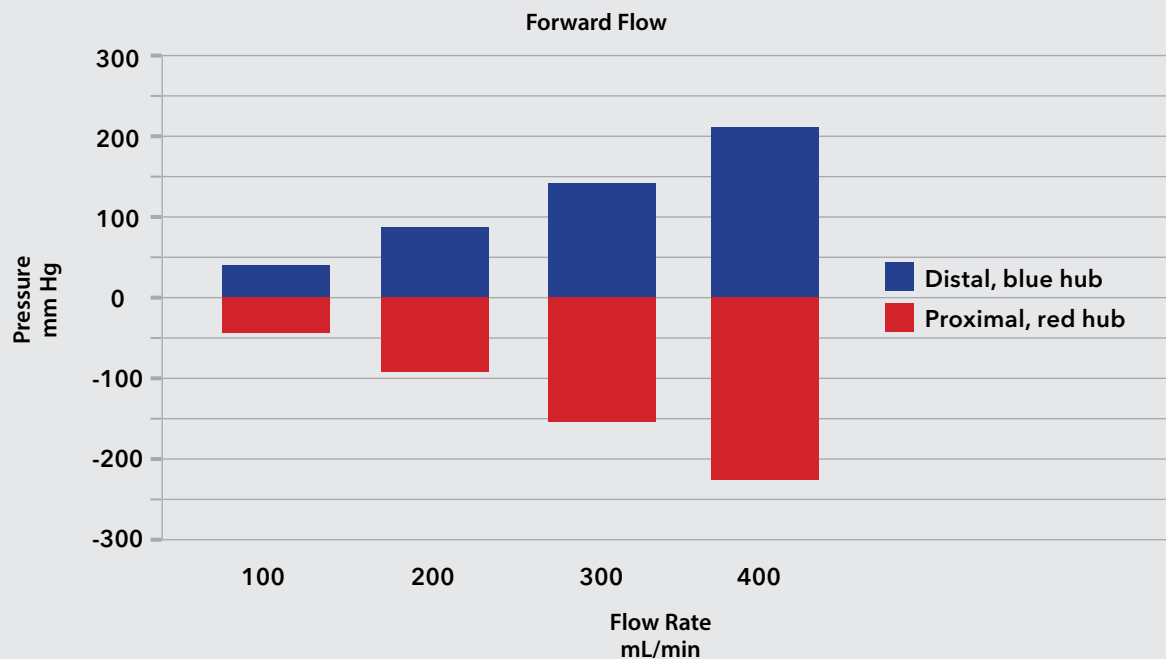
Cook Turbo-Flo HD Acute Hemodialysis Catheter

Recommended lumen volumes

Catheter Fr	Configuration	Hub Color	Lumen	Catheter Length cm	Lumen Volume mL	
					Proximal	Distal
12		Blue	Distal	15	1.3	1.4
				20	1.4	1.6
		25	1.6	1.7		

Flow rate versus pressure*

Catheter Fr	Catheter Length cm	Hub Color	Lumen	Approximate Flow Rate mL/min	Average Maximum Pressure mm Hg	Average Maximum Pressure mm Hg
					Forward Flow	Reverse Flow
12	25	Blue	Distal	100	41.2	-49.05
				200	87.3	-103.23
				300	141.7	-171.8
				400	211.1	-252.5
		Red	Proximal	100	-43.05	35.2
				200	-90.8	73.6
				300	-151.8	121.0
				400	-224.1	180.1



*In vitro data with fluid that simulated blood viscosity. Hemodialysis flow rate testing was performed using the 12 Fr, 25 cm long Cook Turbo-Flo HD Acute Hemodialysis Catheter. Catheters of a shorter length should yield a higher flow rate.

Ordering information

The Cook Turbo-Flo HD Acute Hemodialysis Catheter is intended for acute hemodialysis, apheresis, and hemofiltration via percutaneous insertion into the subclavian, jugular, or femoral veins. The device is a short-term use catheter (less than 30 days).

Order Number	Reference Part Number	Lumens	Catheter Fr	Catheter Length cm	Wire Guide Diameter inch	Wire Guide Length cm	Needle Gage/Length cm	Port	Minimum Lumen Volume mL
Standard sets									
G35082	C-HDCS-1201J	2	12	15	.035	60	18/5, 18/7	Distal	1.4
								Proximal	1.3
G35084	C-HDCS-1201J-RSC	2	12	20	.035	60	18/5, 18/7	Distal	1.4
								Proximal	1.6
G35083	C-HDCS-1201J-LSC	2	12	25	.035	60	18/5, 18/7	Distal	1.6
								Proximal	1.7
Standard trays									
G35098	C-HDCSY-1201J-CCT-A	2	12	15	.035	60	18/5, 18/7	Distal	1.4
								Proximal	1.3
G35100	C-HDCSY-1201J-RSC-CCT-A	2	12	20	.035	60	18/5, 18/7	Distal	1.4
								Proximal	1.6
G35099	C-HDCSY-1201J-LSC-CCT-A	2	12	25	.035	60	18/5, 18/7	Distal	1.6
								Proximal	1.7
Trays with maximal sterile barriers									
G35104	C-HDCSY-1201J-IHI-CCT-A	2	12	15	.035	60	18/5, 18/7	Distal	1.4
								Proximal	1.3
G35106	C-HDCSY-1201J-RSC-IHI-CCT-A	2	12	20	.035	60	18/5, 18/7	Distal	1.4
								Proximal	1.6
G35105	C-HDCSY-1201J-LSC-IHI-CCT-A	2	12	25	.035	60	18/5, 18/7	Distal	1.6
								Proximal	1.7
Dry trays with maximal sterile barriers									
G35107	C-HDCSYJ-1201J-IHI-CCT-A	2	12	15	.035	60	18/5, 18/7	Distal	1.4
								Proximal	1.3
G35109	C-HDCSYJ-1201J-RSC-IHI-CCT-A	2	12	20	.035	60	18/5, 18/7	Distal	1.4
								Proximal	1.6
G35108	C-HDCSYJ-1201J-LSC-IHI-CCT-A	2	12	25	.035	60	18/5, 18/7	Distal	1.6
								Proximal	1.7

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

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