

Arrow Central Venous Access Systems

The most complete
line of catheters
for unsurpassed
treatment flexibility.

ARROW

The most trusted name in central venous access. By design.

Arrow International offers the broadest range of catheters in the industry. We carry more sizes, more lengths, more varied flow rates, and more complete kits and sets for clinicians than any other catheter company.



In fact, Arrow pioneered the comprehensive catheter kit. Today, Arrow kits remain the industry standard for design and convenience.

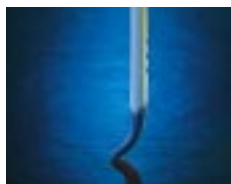
Other exclusive innovations, like our patented ARROWgard® antimicrobial surface¹, Blue FlexTip®, and the Arrow® Raulerson Syringe² further explain why our catheters are chosen first by countless healthcare professionals worldwide.

Above all, we offer products of unsurpassed quality... something you can actually *feel* every time you place an Arrow catheter.

Around the hospital and around the globe, Arrow continues to be the most trusted name in central venous access. Preferred by millions. Proven by performance. Powered by Innovation™.

Less intimal damage, irritation and reduces perforation risk

- Most Arrow catheters feature the Arrow Blue FlexTip®, an integral catheter tip which is more pliant than the catheter body. It remains patent yet deflects in case of inadvertent contact with the vessel wall.



Arrow Blue FlexTip®.

Excellent indwelling characteristics

- The flexible thromboresistant polyurethane material softens in situ.

Less trauma

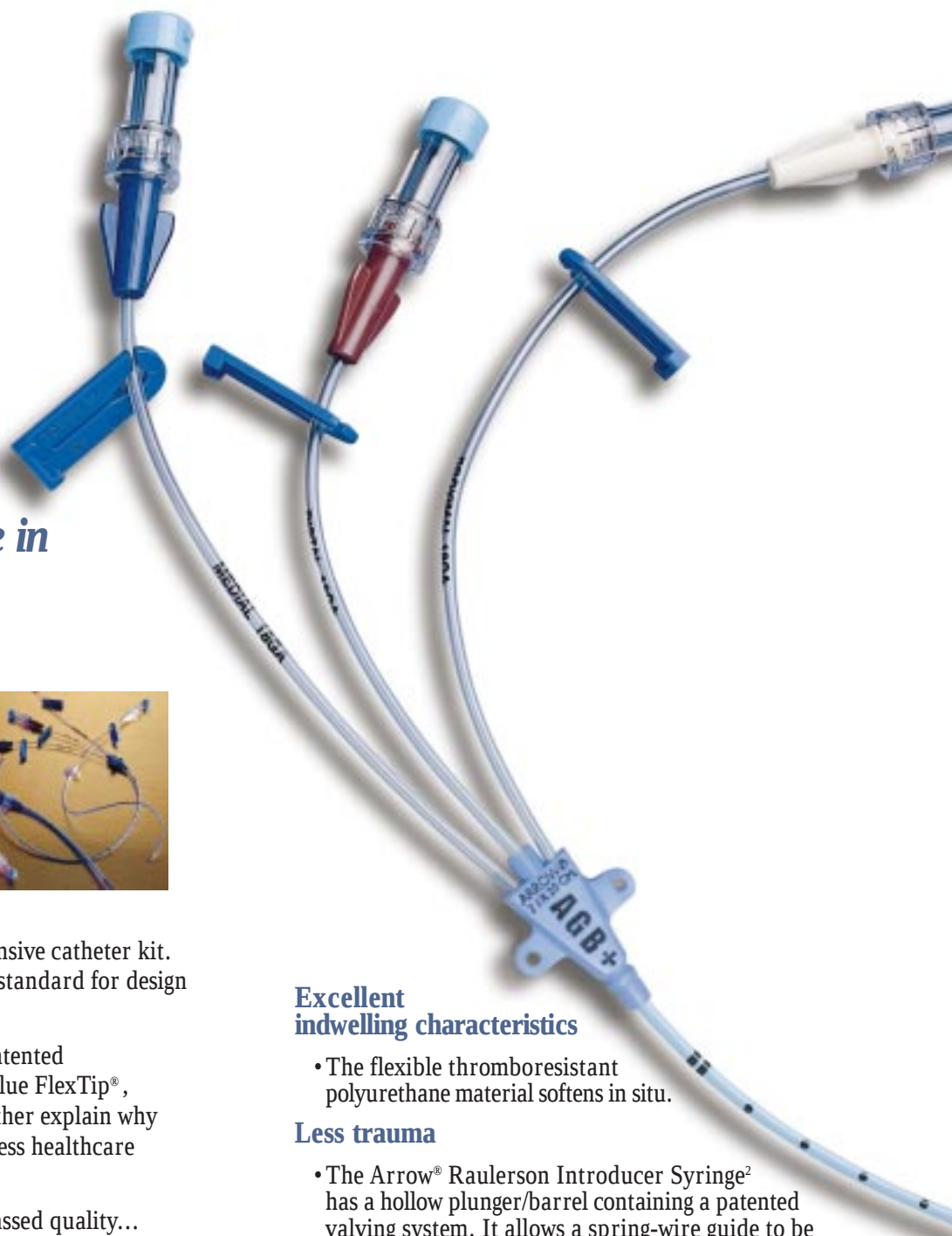
- The Arrow® Raulerson Introducer Syringe² has a hollow plunger/barrel containing a patented valving system. It allows a spring-wire guide to be placed directly through the syringe into the vessel lumen so there's less trauma, less blood exposure risk, and virtually no chance for air embolism.

More efficient placements

- The Arrow Advancer™ saves you time and money by helping you easily straighten the J-tip of the spring-wire guide and insert it with one hand, advancing it to the proper position with your thumb. Or, if using a simple straightening tube is preferred, the translucent blue straightening tube portion of the Arrow Advancer™ can be disconnected from the unit and used separately.



Arrow Advancer™.



More accurate placements

- A centimeter-marked spring-wire guide (.025", .032" and .035" diameters available) lets you know how much wire you have inserted and helps you avoid entering the heart. And catheter centimeter markings aid in determining insertion depth.

Dependable and user friendly

- Clear, integral extension lines with detachable clamps allow you to maintain the catheter away from the insertion site, easily visualize infusates and reduce the risk of air embolism.

Helps prevent accidents

- SharpsAway® offers a simple yet effective method for sharps disposal.



SharpsAway® Disposal Cup.

Improves patient comfort

- Molded, flexible low-profile junction hubs increase patient comfort and facilitate cleaning.



UserGard® Needle-Free Injection Caps.

Exceptional convenience

- Everything needed for a CVC procedure is included in Arrow's complete line of standard CVC kits and sets.
- Helping alleviate patient concerns about comfort and appearance.
- Can be contoured to each patient's body.
- Pliable lines can be bent into virtually any position while maintaining their patency...unlike preshaped IJ catheters that can be irritating to patients.

- Remarkable design makes the catheters less conspicuous and patients more comfortable.
- Malleable extension lines help support dialysis lines, thereby helping to prevent crimping and kinking.

Latex-free components for safety and peace of mind.

The largest selection of standard and infection protection catheters from the leader in Central Venous Catheterization.



Single-Lumen Catheters



Two-Lumen Catheters



Triple-Lumen Catheters



Quad-Lumen Catheters



Pediatric Multi-Lumen Catheters



You-Bend™ Catheters

- Arrow offers a full array of central venous catheters for a variety of patient sizes and insertion sites. Chosen worldwide for the simultaneous administration of medications, infusion of fluids, sampling of blood, and central venous monitoring — through one central venous access site.
- Catheters available in a variety of lengths, lumen configurations and diameters from 24 Ga. to 14 Fr. in standard and ARROWgard Blue® models.

ARROWgard Blue[®] ¹ Central Venous Catheters are the only antimicrobial CVCs with a decade of proven effectiveness.

Recognized by its blue body, the ARROWgard[®] technology is available on a wide variety of catheter sizes.

- ARROWgard Blue[®] CVCs feature a patented colonization-resistant surface treatment that molecularly bonds two agents, chlorhexidine (a well-known antiseptic) and silver sulfadiazine, onto the polyurethane catheter material along each catheter's entire indwelling surface length.
- Reduces the incidence of CVC-related bacteremia up to 80%.⁴

Proven antimicrobial action against major catheter-related nosocomial pathogens.³

Longer safe indwelling period.

- A clinical trial noted considerable lengthening of the safe indwelling period for ARROWgard Blue[®] catheters compared to control catheters.⁴
- No toxic levels of the antimicrobial agents have been found in the use of ARROWgard Blue[®] catheters.

Virtually eliminates the issue of resistance.

Lowers healthcare cost by reducing the length of hospital stays.

Real benefits. Revolutionary features. More options.

AGB⁺ Now with Antimicrobial Protection both inside and out.

The confidence of Arrow quality **PLUS** new benefits for added protection.



ARROWgard Blue PLUS[™] Catheters

Helps prevent catheter-related infection

- Entire internal fluid pathway including catheter, extension lines and hubs are protected.
- External surface now has longer lasting antimicrobial activity.
- AGB⁺ catheters utilize the proven antiseptics, chlorhexidine, chlorhexidine acetate and silver sulfadiazine as antimicrobial agents.

Faster, easier identification of product

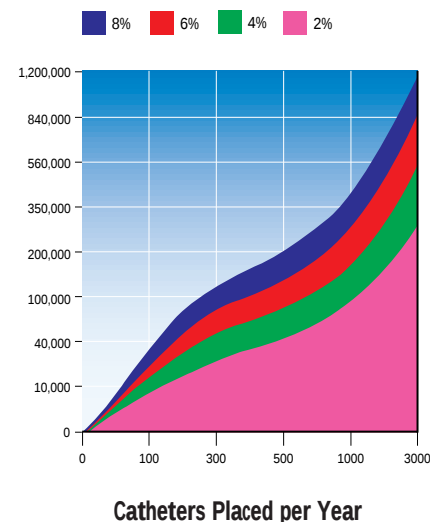
- AGB⁺ symbol identifies the ARROWgard Blue PLUS[™] product line
- Labeling graphics are easily recognizable – even when stacked on the shelf
- Catheter hub is a distinct blue color and displays AGB⁺ symbol

Cost-reducing effects of ARROWgard Blue[®]*

Multi-Lumen CVCs per Year	Infection Cost	Infection Cost with ARROWgard Blue [®] **	Total Savings
500	\$580,000	\$116,000	\$464,000
1,000	1,160,000	232,000	928,000
2,000	2,320,000	464,000	1,856,000
5,000	5,800,000	1,160,000	4,640,000

* Assuming a 4% infection rate (6 infections per 1000 catheter days).

** Assuming 80% reduction in infection.



Assuming an 80% reduction in catheter-related infection

MAC™ Enhanced versatility gives the Arrow Multi-Lumen Access Catheter (MAC™) an advantage over other venous access devices.



Arrow MAC™ Catheter

The Arrow MAC™ offers higher flow rates while performing hemodynamic monitoring.

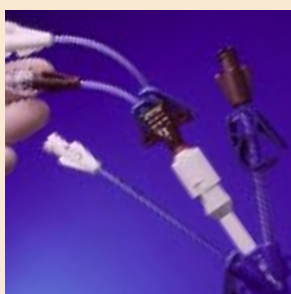
- Combines high flow rates with the ability to have a thermolulution (TD) catheter in place for hemodynamic monitoring.

Designed for maximum versatility.

- Three MAC™ Companion accessories — 1-lumen, 2-lumen and 3-lumen catheters — allow expanded central venous access via a single insertion site.
- Quick, convenient transition from infusion to monitoring capability or vice versa.



Arrow Peel-a-way Contamination Guard.



MAC™ and 2-Lumen MAC™ Companion catheter assembled.



Arrow brings innovative solutions to sharps protection...

...by increasing the margin of safety through minimal change.

Arrow Staple Anchoring Device⁵ provides a time-saving, safe alternative to suturing.

- Simply tent the skin and squeeze.
- A clean, fast way to secure catheters.



Arrow Staple Anchoring Device.

Arrow SharpsAway II™ Locking Disposal Cup⁶ offers an easy, safe way of moving used sharps from procedure to sharps container.

- The small red cup secures and protects the needles stuck into it.
- With needle bevels safely protected, the SharpsAway II™ cup can be disposed into your hospital's larger sharps container for final disposal.



Arrow SharpsAway II™ Locking Disposal Cup.

Protected Scalpel delivers added safety and ease of use.

- Blade can be easily retracted in the scalpel's handle after the skin nick is made.
- Protects against accidental blade injury.
- Brightly colored for easy identification.



Protected Scalpel.

Arrow Super Kits also feature ARROWgard Blue PLUS™ and large fenestrated barrier drape.

- Helps prevent catheter-related infection by including the new ARROWgard Blue PLUS™ catheter technology with antimicrobial protection both inside and out.
- An oversized 41" x 55" fenestrated sterile drape adds increased barrier protection.
- Helps reduce exposure to sharps by including all Arrow Sharps Safety Features.

Quick-Reference Guide to Arrow Catheterization Products

Product No.	Indwelling Catheter	No. of Lumens	Cross Section Size*	Spring-Wire Guide	Medication	Suture	Arrow® Raulerson Syringe	Vessel Dilator	Per Case
Multi-Lumen Catheterization Kits									
AK-12123-F	12 Fr. x 6" Polyurethane	3	F-12, 12, 16	.035" 'J'/SST	X	St. Silk	X	X	5
AK-12123-H	12 Fr. x 6" Polyurethane	3	F-12, 12, 16	.035" 'J'/SST	X	St. Silk	X	X	5
AK-12402	4 Fr. x 2" Polyurethane	2	B-22, 22	.018" 'J'/SST	X	St. Silk		X	5
AK-12702	7 Fr. x 6" Polyurethane	2	H-18, 14	.025" 'J'/SST	X	St. Silk	X	X	5
AK-12702-SP	7 Fr. x 6" Polyurethane	2	H-18, 14	.025" 'J'/SST	X	St. Silk	X	X	5
AK-12703	7 Fr. x 6" Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk	X	X	5
AK-12703-B	7 Fr. x 6" Polyurethane	3	E-16, 18, 18	.025" 'J'/SST	X	St. Silk	X	X	5
AK-12703-SP	7 Fr. x 6" Polyurethane	3	E-16, 18, 18	.025" 'J'/SST	X	St. Silk	X	X	5
AK-12802	8 Fr. x 6" Polyurethane	2	A-14, 14	.032" 'J'/SST	X	St. Silk	X	X	5
AK-12802-SP	8 Fr. x 6" Polyurethane	2	A-14, 14	.032" 'J'/SST	X	St. Silk	X	X	5
AK-14402	4 Fr. x 5-1/8" Polyurethane	2	B-22, 22	.018" 'J'/SST	X	St. Silk		X	5
AK-14412	4 Fr. x 5-1/8" Polyurethane	2	B-22, 22	.018" 'J'/SST		St. Silk		X	5
AK-14502	5 Fr. x 5-1/8" Polyurethane	2	A-18, 20	.021" 'J'/SST	X	St. Silk		X	5
AK-14553	5.5 Fr. x 12" Polyurethane	3	E-20, 22, 22	.018" 'J'/SST	X	St. Silk		X	5
AK-14703	7 Fr. x 12" Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk		X	5
AK-14703-A	7 Fr. x 12" Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk	X	X	5
AK-14703-H	7 Fr. x 12" Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk		X	5
AK-14703-SP	7 Fr. x 12" Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk		X	5
AK-15123-F	12 Fr. x 8" Polyurethane	3	F-12, 12, 16	.035" 'J'/SST	X	St. Silk	X	X	5
AK-15123-H	12 Fr. x 8" Polyurethane	3	F-12, 12, 16	.035" 'J'/SST	X	St. Silk	X	X	5
AK-15402	4 Fr. x 3-1/8" Polyurethane	2	B-22, 22	.018" 'J'/SST	X	St. Silk		X	5
AK-15553	5.5 Fr. x 3-1/8" Polyurethane	3	E-20, 22, 22	.018" 'J'/SST	X	St. Silk		X	5
AK-15703	7 Fr. x 8" Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk		X	5
AK-15703-A	7 Fr. x 8" Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk	X	X	5
AK-15703-ASP	7 Fr. x 8" Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk		X	5
AK-15703-B	7 Fr. x 8" Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk	X	X	5
AK-15703-BSP	7 Fr. x 8" Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk	X	X	5
AK-15703-H	7 Fr. x 8" Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk	X	X	5
AK-15703-SP	7 Fr. x 8" Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk		X	5
AK-15802	8 Fr. x 8" Polyurethane	2	A-14, 14	.032" 'J'/SST	X	St. Silk	X	X	5
AK-16402	4 Fr. x 12" Polyurethane	2	B-22, 22	.018" 'J'/SST	X	St. Silk		X	5
AK-16553	5.5 Fr. x 5-1/8" Polyurethane	3	E-20, 22, 22	.018" 'J'/SST	X	St. Silk		X	5
AK-16702	7 Fr. x 8" Polyurethane	2	B-16, 16	.032" 'J'/SST	X	St. Silk		X	5
AK-17702	7 Fr. x 8" Polyurethane	2	D-14, 18	.032" 'J'/SST	X	St. Silk		X	5
AK-17702-SP	7 Fr. x 8" Polyurethane	2	D-14, 18	.032" 'J'/SST	X	St. Silk		X	5
BH-12702	7 Fr. x 6" Polyurethane	2	D-14, 18	.032" 'J'/SST	X	St. Silk		X	10
CK-03000-B	7 Fr. x 6" Polyurethane	2	B-16, 16	.032" 'J'/SST		St. Silk		X	5
NR-12703	7 Fr. x 6" Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk		X	5
YN-15703	7 Fr. x 8" Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Nylon		X	5

Spring-Wire Guide Code: SST = Straight Soft Tip
'J' = 'J' Soft Tip
M = Marked

Suture Code: St. Silk = Straight Needle, Braided Silk
St. Nylon = Straight Needle, Monofilament Nylon

Complete Kits: contain all required needles, syringes, drapes, etc. for performing catheterization procedures.
Sets: contain key components only.

* Refer to the Cross-Section Diagram Key on page 11.

Quick-Reference Guide to Arrow Catheterization Products

Product No.	Indwelling Catheter	No. of Lumens	Cross Section Size*	Spring-Wire Guide	Medication	Suture	Arrow® Raulerson Syringe	Vessel Dilator	Per Case
Multi-Lumen Catheters									
ES-18703	7 Fr. x 16" Polyurethane	3	E-16, 18, 18						5
HO-14702	7 Fr. x 12" Polyurethane	2	B-16, 16						5
HO-14703	7 Fr. x 12" Polyurethane	3	E-16, 18, 18						5
MC-12123	12 Fr. x 6" Polyurethane	3	F-12, 12, 16						5
MC-12702	7 Fr. x 6" Polyurethane	2	D-14, 18						5
MC-12703	7 Fr. x 6" Polyurethane	3	E-16, 18, 18						5
MC-14703	7 Fr. x 12" Polyurethane	3	E-16, 18, 18						5
MC-15123	12 Fr. x 8" Polyurethane	3	F-12, 12, 16						5
MC-15703	7 Fr. x 8" Polyurethane	3	E-16, 18, 18						5
MC-16702	7 Fr. x 8" Polyurethane	2	B-16, 16						5
MC-17702	7 Fr. x 8" Polyurethane	2	D-14, 18						5

ARROWgard Blue® Multi-Lumen Catheterization Kits

AK-22123	12 Fr. x 6" Antimicrobial/Polyurethane	3	F-12, 12, 16	.035" 'J'/SST	X	St. Silk	X	X	5
AK-22123-F	12 Fr. x 6" Antimicrobial/Polyurethane	3	F-12, 12, 16	.035" 'J'/SST	X	St. Silk	X	X	5
AK-22123-SK	12 Fr. x 6" Antimicrobial/Polyurethane	3	F-12, 12, 16	.035" 'J'/SST	X	St. Silk	X	X	5
AK-22502	5 Fr. x 2" Antimicrobial/Polyurethane	2	A-18, 20	.021" 'J'/SST	X	St. Silk		X	5
AK-22702	7 Fr. x 6" Antimicrobial/Polyurethane	2	H-18, 14	.025" 'J'/SST	X	St. Silk	X	X	5
AK-22703	7 Fr. x 6" Antimicrobial/Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk	X	X	5
AK-22802	8 Fr. x 6" Antimicrobial/Polyurethane	2	A-14, 14	.032" 'J'/SST	X	St. Silk	X	X	5
AK-22802-SK	8 Fr. x 6" Antimicrobial/Polyurethane	2	A-14, 14	.032" 'J'/SST	X	St. Silk	X	X	5
AK-22854	8.5 Fr. x 6" Antimicrobial/Polyurethane	4	G-14, 18, 16, 18	.032" 'J'/SST	X	St. Silk	X	X	5
AK-22854-SK	8.5 Fr. x 6" Antimicrobial/Polyurethane	4	G-14, 18, 16, 18	.032" 'J'/SST	X	St. Silk	X	X	5
AK-24402	4 Fr. x 5-1/8" Antimicrobial/Polyurethane	2	B-22, 22	.018" 'J'/SST	X	St. Silk		X	5
AK-24703	7 Fr. x 12" Antimicrobial/Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk	X	X	5
AK-24703-A	7 Fr. x 12" Antimicrobial/Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk	X	X	5
AK-24703-B	7 Fr. x 12" Antimicrobial/Polyurethane	3	E-16, 18, 18	.025" 'J'/SST	X	St. Silk	X	X	5
AK-24703-ASK	7 Fr. x 12" Antimicrobial/Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk	X	X	5
AK-24703-SK	7 Fr. x 12" Antimicrobial/Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk	X	X	5
AK-24854	8.5 Fr. x 12" Antimicrobial/Polyurethane	4	G-14, 18, 16, 18	.032" 'J'/SST	X	St. Silk	X	X	5
AK-25123	12 Fr. x 8" Antimicrobial/Polyurethane	3	F-12, 12, 16	.035" 'J'/SST	X	St. Silk	X	X	5
AK-25123-F	12 Fr. x 8" Antimicrobial/Polyurethane	3	F-12, 12, 16	.035" 'J'/SST	X	St. Silk	X	X	5
AK-25502	5 Fr. x 3-1/8" Antimicrobial/Polyurethane	2	A-18, 20	.032" 'J'/SST	X	St. Silk		X	5
AK-25703	7 Fr. x 8" Antimicrobial/Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk		X	5
AK-25703-A	7 Fr. x 8" Antimicrobial/Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk	X	X	5
AK-25703-B	7 Fr. x 8" Antimicrobial/Polyurethane	3	E-16, 18, 18	.025" 'J'/SST	X	St. Silk	X	X	5
AK-25802	8 Fr. x 8" Antimicrobial/Polyurethane	2	A-14, 14	.032" 'J'/SST	X	St. Silk	X	X	5
AK-25802-SK	8 Fr. x 8" Antimicrobial/Polyurethane	2	A-14, 14	.032" 'J'/SST	X	St. Silk	X	X	5
AK-25854	8.5 Fr. x 8" Antimicrobial/Polyurethane	4	G-14, 18, 16, 18	.032" 'J'/SST	X	St. Silk	X	X	5
AK-25854-SK	8.5 Fr. x 8" Antimicrobial/Polyurethane	4	G-14, 18, 16, 18	.032" 'J'/SST	X	St. Silk	X	X	5
AK-26702	7 Fr. x 8" Antimicrobial/Polyurethane	2	B-16, 16	.032" 'J'/SST	X	St. Silk		X	5
AK-27702	7 Fr. x 8" Antimicrobial/Polyurethane	2	D-14, 18	.032" 'J'/SST	X	St. Silk		X	5

Spring-Wire Guide Code: SST = Straight Soft Tip
'J' = 'J' Soft Tip
M = Marked

Suture Code: St. Silk = Straight Needle, Braided Silk
St. Nylon = Straight Needle, Monofilament Nylon

Complete Kits: contain all required needles, syringes, drapes, etc. for performing catheterization procedures.
Sets: contain key components only.

* Refer to the Cross-Section Diagram Key on page 11.

Product No.	Indwelling Catheter	No. of Lumens	Cross Section Size*	Spring-Wire Guide	Medication	Suture	Arrow® Raulerson Syringe	Vessel Dilator	Per Case
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ARROWg^{ard} Blue® Multi-Lumen Catheterization Kits (continued)

AK-35703-A	7 Fr. x 8" Antimicrobial/Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk	X	X	5
AK-35703-B	7 Fr. x 8" Antimicrobial/Polyurethane	3	E-16, 18, 18	.025" 'J'/SST	X	St. Silk	X	X	5
NR-22703	7 Fr. x 6" Antimicrobial/Polyurethane	3	E-16, 18, 18	.035" 'J'/SST	X	St. Silk		X	5
NR-22802-B	8 Fr. x 8" Antimicrobial/Polyurethane	2	A-14, 14	.025" 'J'/SST	X	St. Silk		X	5
NR-25854	8.5 Fr. x 8" Antimicrobial/Poly.	4	G-14, 18, 16, 18	.032" 'J'/SST	X	St. Silk		X	5

ARROWg^{ard} Blue® Multi-Lumen Catheterization Sets

CS-22123-F	12 Fr. x 6" Antimicrobial/Polyurethane	3	F-12, 12, 16	.035" 'J'/SST			X	X	5
CS-22502	5 Fr. x 2" Antimicrobial/Polyurethane	2	A-18, 20	.021" 'J'/SST				X	5
CS-22703-E	7 Fr. x 6" Antimicrobial/Polyurethane	3	E-16, 18, 18	.032" 'J'/SST			X	X	5
CS-24402	4 Fr. x 5-1/8" Antimicrobial/Polyurethane	2	A-18, 20	.018" 'J'/SST				X	5
CS-24703-E	7 Fr. x 12" Antimicrobial/Polyurethane	3	E-16, 18, 18	.032" 'J'/SST			X	X	5
CS-25123-E	12 Fr. x 8" Antimicrobial/Polyurethane	3	F-12, 12, 16	.035" 'J'/SST			X	X	5
CS-25123-F	12 Fr. x 8" Antimicrobial/Polyurethane	3	F-12, 12, 16	.035" 'J'/SST			X	X	5
CS-25502	5 Fr. x 3-1/8" Antimicrobial/Poly.	2	A-18, 20	.021" 'J'/SST				X	5
CS-25703-E	7 Fr. x 8" Antimicrobial/Polyurethane	3	E-16, 18, 18	.032" 'J'/SST			X	X	5
CS-25802-E	8 Fr. x 8" Antimicrobial/Polyurethane	2	B-14, 14	.032" 'J'/SST			X	X	5
CS-25854-E	8.5 Fr. x 8" Antimicrobial/Poly.	4	G-14, 18, 16, 18	.032" 'J'/SST			X	X	5
CS-26702-E	7 Fr. x 8" Antimicrobial/Polyurethane	2	B-16, 16	.032" 'J'/SST			X	X	5
CS-27702-E	7 Fr. x 8" Antimicrobial/Polyurethane	2	D-14, 18	.032" 'J'/SST			X	X	5
CS-28702	7 Fr. x14" Antimicrobial/Polyurethane	2	B-16, 16	.035" 'J'/SST				X	5

AGB⁺ ARROWg^{ard} Blue PLUS™ Multi-Lumen Catheterization Kits

AK-42702	7 Fr. x 6" Antimicrobial/Polyurethane	2	H-18, 14	.025" 'J'/SST	X	St. Silk	X	X	5
AK-42702-SK	7 Fr. x 6" Antimicrobial/Polyurethane	2	H-18, 14	.025" 'J'/SST	X	St. Silk	X	X	5
AK-42703	7 Fr. x 6" Antimicrobial/Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk	X	X	5
AK-42703-SK	7 Fr. x 6" Antimicrobial/Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk	X	X	5
AK-42703-BSK	7 Fr. x 6" Antimicrobial/Polyurethane	3	E-16, 18, 18	.025" 'J'/SST	X	St. Silk	X	X	5
AK-45703	7 Fr. x 8" Antimicrobial/Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk		X	5
AK-45703-A	7 Fr. x 8" Antimicrobial/Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk	X	X	5
AK-45703-ASK	7 Fr. x 8" Antimicrobial/Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk	X	X	5
AK-45703-B	7 Fr. x 8" Antimicrobial/Polyurethane	3	E-16, 18, 18	.025" 'J'/SST	X	St. Silk	X	X	5
AK-45703-BSK	7 Fr. x 8" Antimicrobial/Polyurethane	3	E-16, 18, 18	.025" 'J'/SST	X	St. Silk	X	X	5
AK-45703-SK	7 Fr. x 12" Antimicrobial/Polyurethane	3	E-16, 18, 18	.032" 'J'/SST	X	St. Silk	X	X	5
AK-46702	7 Fr. x 8" Antimicrobial/Polyurethane	2	B-16, 16	.032" 'J'/SST	X	St. Silk		X	5
AK-46702-SK	7 Fr. x 8" Antimicrobial/Polyurethane	2	B-16, 16	.032" 'J'/SST	X	St. Silk		X	5
AK-47702	7 Fr. x 8" Antimicrobial/Polyurethane	2	D-14, 18	.032" 'J'/SST	X	St. Silk		X	5
AK-47702-SK	7 Fr. x 8" Antimicrobial/Polyurethane	2	D-14, 18	.032" 'J'/SST	X	St. Silk		X	5

AGB⁺ ARROWg^{ard} Blue PLUS™ Multi-Lumen Catheterization Sets

CS-45703-E	7 Fr. x 8" Antimicrobial/Polyurethane	3	E-16, 18, 18	.025" 'J'/SST	X	St. Silk	X	X	5
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Spring-Wire Guide Code:
SST = Straight Soft Tip
'J' = 'J' Soft Tip
M = Marked

Suture Code: St. Silk = Straight Needle, Braided Silk
St. Nylon = Straight Needle, Monofilament Nylon

Complete Kits: contain all required needles, syringes, drapes, etc. for performing catheterization procedures.
Sets: contain key components only.

* Refer to the Cross-Section Diagram Key on page 11.

Quick-Reference Guide to Arrow Catheterization Products



Product No.	Indwelling Catheter	No. of Lumens	Cross Section Size*	Spring-Wire Guide	Medication	Suture	Arrow® Raulerson Syringe	Vessel Dilator	Per Case
ARROWg[®]ard Blue® Central Venous Catheterizations Kits									
AK-24301	16 Ga. x 8" Antimicrobial/Poly.			.032" 'J'/SST	X	St. Silk	X	X	10
AK-24301-SK	16 Ga. x 8" Antimicrobial/Poly.			.032" 'J'/SST	X	St. Silk	X	X	10
AK-24306	16 Ga. x 6" Antimicrobial/Poly.			.025" 'J'/SST	X	St. Silk		X	10
ARROWg[®]ard Blue® Central Venous Catheterizations Sets									
CS-24301-E	16 Ga. x 8" Antimicrobial/Poly.			.032" 'J'/SST			X	X	10
CS-24306-E	16 Ga. x 6" Antimicrobial/Poly.			.032" 'J'/SST			X	X	10
CS-24701-E	14 Ga. x 8" Antimicrobial/Poly.			.032" 'J'/SST			X	X	10
CS-24706-E	14 Ga. x 6" Antimicrobial/Poly.			.025" 'J'/SST			X	X	10
ARROWg[®]ard Blue® Two-Lumen Hemodialysis Catheterization Kits									
AK-22122	12 Fr. x 6" Antimicrobial/Polyurethane	2	A-12, 12	.035" 'J'/SST/M	X	St. Silk	X	X	5
AK-22122-F	12 Fr. x 6" Antimicrobial/Polyurethane	2	A-12, 12	.035" 'J'/SST/M	X	St. Silk	X	X	5
AK-25122	12 Fr. x 8" Antimicrobial/Polyurethane	2	A-12, 12	.035" 'J'/SST/M	X	St. Silk	X	X	5
AK-25122-F	12 Fr. x 8" Antimicrobial/Polyurethane	2	A-12, 12	.035" 'J'/SST/M	X	St. Silk	X	X	5
ARROWg[®]ard Blue® Two-Lumen Hemodialysis Catheterization Sets									
CS-22122-F	12 Fr. x 6" Antimicrobial/Polyurethane	2	A-12, 12	.035" 'J'/SST/M		St. Silk	X	X	5
CS-25122-F	12 Fr. x 8" Antimicrobial/Polyurethane	2	A-12, 12	.035" 'J'/SST/M		St. Silk	X	X	5
CS-26122-F	12 Fr. x 10" Antimicrobial/Polyurethane	2	A-12, 12	.035" 'J'/SST/M		St. Silk	X	X	5
ARROWg[®]ard Blue® Two-Lumen Hemodialysis Catheters									
MC-22122-F	12 Fr. x 6" Antimicrobial/Polyurethane	2	A-12, 12						5
MC-25122-F	12 Fr. x 8" Antimicrobial/Polyurethane	2	A-12, 12						5
ARROWg[®]ard Blue® You-Bend™ Catheterization Kits									
AU-22122-F	12 Fr. x 6" Antimicrobial/Polyurethane	2	A-12, 12	.035" 'J'/SST/M	X	St. Silk	X	X	5
AU-23122-F	12 Fr. x 5-1/8" Antimicrobial/Polyurethane	2	A-12, 12	.035" 'J'/SST/M	X	St. Silk	X	X	5
AU-25122-F	12 Fr. x 8" Antimicrobial/Polyurethane	2	A-12, 12	.035" 'J'/SST/M	X	St. Silk	X	X	5
ARROWg[®]ard Blue® You-Bend™ Catheterization Sets									
CU-22122-F	12 Fr. x 6" Antimicrobial/Polyurethane	2	A-12, 12	.035" 'J'/SST/M			X	X	5
CU-23122-F	12 Fr. x 5-1/8" Antimicrobial/Polyurethane	2	A-12, 12	.035" 'J'/SST/M			X	X	5
CU-25122-F	12 Fr. x 8" Antimicrobial/Polyurethane	2	A-12, 12	.035" 'J'/SST/M			X	X	5
Pediatric ARROWg[®]ard Blue® Multi-Lumen Catheterization Kits									
AK-22502	5 Fr. x 2" Antimicrobial/Polyurethane	2	B-18, 20	.021" 'J'/SST	X	St. Silk		X	5
AK-25402	4 Fr. x 5-1/8" Antimicrobial/Polyurethane	2	B-22, 22	.018" 'J'/SST	X	St. Silk		X	5
AK-25502	5 Fr. x 3-1/8" Antimicrobial/Polyurethane	2	B-18, 20	.021" 'J'/SST	X	St. Silk		X	5
AK-25553	5.5 Fr. x 3-1/8" Antimicrobial/Polyurethane	3	E-20, 22, 22	.018" 'J'/SST	X	St. Silk		X	5
AK-26553	5.5 Fr. x 5-1/8" Antimicrobial/Polyurethane	3	E-20, 22, 22	.018" 'J'/SST	X	St. Silk		X	5
Pediatric ARROWg[®]ard Blue® Multi-Lumen Catheterization Sets									
CS-22502	5 Fr. x 2" Antimicrobial/Polyurethane	2	A-18, 20	.021" 'J'/SST				X	5
CS-24402	4 Fr. x 5-1/8" Antimicrobial/Poly.	2	A-18, 20	.018" 'J'/SST				X	5
CS-25502	5 Fr. x 3-1/8" Antimicrobial/Poly.	2	A-18, 20	.021" 'J'/SST				X	5

Product No.	Indwelling Catheter	No. of Lumens	Cross Section Size*	Spring-Wire Guide	Medication	Suture	Arrow® Raulerson Syringe	Vessel Dilator	Per Case
Central Venous Catheterization Kits									
AK-04050	16 Ga. x 6"			.032" SST/SST				X	20
AK-04150-E	20 Ga. x 5"			.025" 'J'/SST				X	10
AK-04200	16 Ga. x 8"			.032" 'J'/SST		St. Silk		X	10
AK-04210	16 Ga. x 8"			.032" 'J'/SST	X	St. Silk		X	10
AK-04211	16 Ga. x 8"			.032" 'J'/SST	X	St. Silk		X	10
AK-04212	16 Ga. x 8"			.032" 'J'/SST	X	St. Silk		X	10
AK-04225	16 Ga. x 8"			.025" 'J'/SST	X	St. Silk		X	10
AK-04250	16 Ga. x 35"			.032" 'J'/SST	X			X	10
AK-04300	16 Ga. x 8"			.032" 'J'/SST	X	St. Silk		X	10
AK-04301	16 Ga. x 8"			.032" 'J'/SST	X	St. Silk		X	10
AK-04301-SP	16 Ga. x 8"			.032" 'J'/SST	X	St. Silk		X	10
AK-04306	16 Ga. x 6"			.032" 'J'/SST	X	St. Nylon		X	10
AK-04306-SP	16 Ga. x 6"			.032" 'J'/SST	X	St. Nylon		X	10
AK-04400	16 Ga. x 12"			.032" "J'/SST		St. Silk		X	10
AK-04522	22 Ga. x 4"			.021" 'J'/SST		St. Silk		X	10
AK-04550	20 Ga. x 5"			.025" 'J'/SST	X	St. Silk		X	10
AK-04650-E	24 Ga. x 3-1/2"			.018" 'J'/SST					10
AK-04660	24 Ga. x 5"			.018" 'J'/SST					10
AK-04700	14 Ga. x 8"			.032" 'J'/SST		St. Silk		X	10
AK-04800	16 Ga. x 6"			.032" 'J'/SST	X	St. Silk		X	10
AK-04825	16 Ga. x 6"			.025" 'J'/SST		St. Silk	X	X	10
CK-04711	14 Ga. x 6"			.032" 'J'/SST	X	St. Silk		X	10
SL-04710	14 Ga. x 8"			.032" 'J'/SST	X	St. Silk		X	10

Central Venous Catheterization Sets

CS-04225	16 Ga. x 8"			.025" 'J'/SST				X	10
CS-04300	16 Ga. x 8"			.032" 'J'/SST				X	10
CS-04400	16 Ga. x 12"			.032" 'J'/SST				X	10
CS-04700	14 Ga. x 8"			.032" 'J'/SST				X	10
CS-04701	14 Ga. x 8"			.032" 'J'/SST				X	10
ES-04150	20 Ga. x 5"			.025" 'J'/SST				X	10
ES-04218	18 Ga. x 8"			.025" 'J'/SST				X	10
ES-04300	16 Ga. x 8"			.032" 'J'/SST				X	10
ES-04301	16 Ga. x 8"			.032" 'J'/SST			X	X	10
ES-04301-P	16 Ga. x 8"			.032" 'J'/SST			X	X	10
ES-04306	16 Ga. x 6"			.032" 'J'/SST			X	X	10
ES-04400	16 Ga. x 12"			.032" 'J'/SST				X	10

Spring-Wire Guide Code: SST = Straight Soft Tip
'J' = 'J' Soft Tip
M = Marked

Suture Code: St. Silk = Straight Needle, Braided Silk
St. Nylon = Straight Needle, Monofilament Nylon

Complete Kits: contain all required needles, syringes, drapes, etc. for performing catheterization procedures.
Sets: contain key components only.

* Refer to the Cross-Section Diagram Key on page 11.
** Not for Sale in the United States.

Product No.	Indwelling Catheter	No. of Lumens	Cross Section Size*	Spring-Wire Guide	Medication	Suture	Arrow® Raulerson Syringe	Vessel Dilator	Per Case
Central Venous Catheterization Sets (continued)									
ES-04522	22 Ga. x 4"			.021" SST/SST				X	10
ES-04700	14 Ga. x 8"			.032" 'J'/SST				X	10
ES-04701	14 Ga. x 8"			.032" 'J'/SST			X	X	10
ES-04701-P	14 Ga. x 8"			.032" 'J'/SST			X	X	10
ES-04706	14 Ga. x 6"			.032" 'J'/SST			X	X	10
ES-04706-P	14 Ga. x 6"			.032" 'J'/SST			X	X	10
ES-04730	14 Ga. x 12"			.032" 'J'/SST				X	10

Central Venous Catheters

ID-04200	16 Ga. x 8"								25
ID-04301	16 Ga. x 8"								25
ID-04700	14 Ga. x 8"								25

MAC™ Multi-Lumen Access Catheters

AK-11142	14 Fr. x 4"	2	9 Fr., 12	.035" 'J'/SST	X	St. Silk	X		10
AK-11142-D	14 Fr. x 4"	2	9 Fr., 12	.035" 'J'/SST	X	St. Silk	X		10
CA-11142	14 Fr. x 4"	2	9 Fr., 12	.035" 'J'/SST		St. Silk	X		10
SI-11142	14 Fr. x 4"	2	9 Fr., 12	.035" 'J'/SST		St. Silk	X		5
SI-21142**	14 Fr. x 4"	2	9 Fr., 12	.035" 'J'/SST		St. Silk	X		5

MAC™ Companion Products

ML-00701	7 Fr. Polyurethane	1							5
ML-00702	7 Fr. Polyurethane	2	B-16, 16						5
ML-00703	7 Fr. Polyurethane	3	E-16, 18, 18						5
SC-14701	7 Fr. Polyurethane	1							25

Two-Lumen Hemodialysis Catheterization Kits

AK-12122-F	12 Fr. x 6" Polyurethane	2	A-12, 12	.035" 'J'/SST/M	X	St. Silk	X	X	5
AK-12122-H	12 Fr. x 6" Polyurethane	2	A-12, 12	.035" 'J'/SST/M	X	St. Silk	X	X	5
AK-15122-F	12 Fr. x 8" Polyurethane	2	A-12, 12	.035" 'J'/SST/M	X	St. Silk	X	X	5
AK-15122-H	12 Fr. x 8" Polyurethane	2	A-12, 12	.035" 'J'/SST/M	X	St. Silk	X	X	5

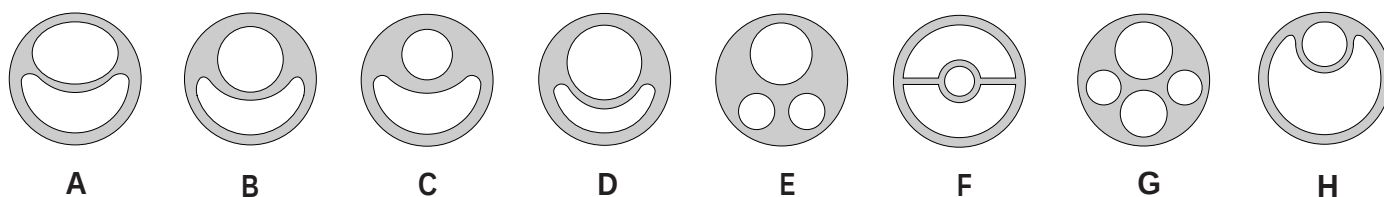
Two-Lumen Hemodialysis Catheterization Sets

CS-12122-E	12 Fr. x 6" Polyurethane	2	A-12, 12	.035" 'J'/SST/M			X	X	5
CS-12122-F	12 Fr. x 6" Polyurethane	2	A-12, 12	.035" 'J'/SST/M			X	X	5
CS-15122-E	12 Fr. x 8" Polyurethane	2	A-12, 12	.035" 'J'/SST/M			X	X	5
CS-15122-F	12 Fr. x 8" Polyurethane	2	A-12, 12	.035" 'J'/SST/M			X	X	5
CU-13122-F	12 Fr. x 8" Polyurethane	2	A-12, 12	.035" 'J'/SST/M			X	X	5

Two-Lumen Hemodialysis Catheters

MC-12122-F	12 Fr. x 6" Polyurethane	2	A-12, 12	.035" 'J'/SST/M			X	X	5
MC-15122-F	12 Fr. x 8" Polyurethane	2	A-12, 12	.035" 'J'/SST/M			X	X	5

Cross Section Diagram Key



Pediatric Products Quick-Reference Guide

Product No.	Indwelling Catheter	No. of Lumens	Cross Section Size*	Spring-Wire Guide	Medication	Suture	Arrow® Raulerson Syringe	Vessel Dilator	Per Case
Pediatric Multi-Lumen Catheterization Kits									
AK-12402	4 Fr. x 2" Polyurethane	2	B-22, 22	.018" 'J'/SST	X	St. Silk		X	5
AK-14402	4 Fr. x 5-1/8" Polyurethane	2	B-22, 22	.018" 'J'/SST	X	St. Silk		X	5
AK-14412	4 Fr. x 5-1/8" Polyurethane	2	B-22, 22	.018" 'J'/SST		St. Silk		X	5
AK-14502	5 Fr. x 5-1/8" Polyurethane	2	A-18, 20	.021" 'J'/SST	X	St. Silk		X	5
AK-14553	5.5 Fr. x 12" Polyurethane	3	E-20, 22, 22	.018" 'J'/SST	X	St. Silk		X	5
AK-15402	4 Fr. x 3-1/8" Polyurethane	2	B-22, 22	.018" 'J'/SST	X	St. Silk		X	5
AK-15553	5.5 Fr. x 3-1/8" Polyurethane	3	E-20, 22, 22	.018" 'J'/SST	X	St. Silk		X	5
AK-16402	4 Fr. x 12" Polyurethane	2	B-22, 22	.018" 'J'/SST	X	St. Silk		X	5
AK-16553	5.5Fr. x 5-1/8" Polyurethane	3	E-20, 22, 22	.018" 'J'/SST	X	St. Silk		X	5
Pediatric Multi-Lumen Catheterization Sets									
CS-12402	4 Fr. x 2" Polyurethane	2	B-22, 22	.018" 'J'/SST				X	5
CS-14402	4 Fr. x 5-1/8" Polyurethane	2	B-22, 22	.018" 'J'/SST				X	5
CS-14502	5 Fr. x 5-1/8" Polyurethane	2	A-18, 20	.021" 'J'/SST				X	5
CS-14553	5.5 Fr. x 12" Polyurethane	3	E-20, 22, 22	.018" 'J'/SST				X	5
CS-15402-E	4 Fr. x 3-1/8" Polyurethane	2	B-22, 22	.018" 'J'/SST				X	5
CS-15553-E	5.5 Fr. x 3-1/8" Polyurethane	3	E-20, 22, 22	.018" 'J'/SST				X	5
CS-16402	4 Fr. x 12" Polyurethane	2	B-22, 22	.018" 'J'/SST				X	5
CS-16553-E	5.5 Fr. x 5-1/8" Polyurethane	3	E-20, 22, 22	.018" 'J'/SST				X	5
ES-14402	4 Fr. x 5-1/8" Polyurethane	2	B-22, 22	.018" SST/SST				X	5
Pediatric Two-Lumen Hemodialysis Catheterization Kits									
AK-11802-F	8 Fr. x 4" (11cm) Polyurethane	2	A-14, 14	.032" 'J'/SST	X	St. Silk		X	5
Pediatric Central Venous Catheterization Kits									
AK-04150-E	20 Ga. x 5"			.025" 'J'/SST				X	10
AK-04550	20 Ga. x 5"			.025" 'J'/SST	X	St. Silk		X	10
AK-04650-E	24 Ga. x 3-1/2"			.018" 'J'/SST					10
AK-04660	24 Ga. x 5"			.018" 'J'/SST					10
Pediatric Central Venous Catheterization Sets									
ES-04150	20 Ga. x 5"			.025" 'J'/SST				X	10

Spring-Wire Guide Code: SST = Straight Soft Tip
'J' = 'J' Soft Tip
M = Marked

Suture Code: St. Silk = Straight Needle, Braided Silk
St. Nylon = Straight Needle, Monofilament Nylon

Complete Kits: contain all required needles, syringes, drapes, etc. for performing catheterization procedures.
Sets: contain key components only.

* Refer to the Cross-Section Diagram Key on page 11.

¹ U.S. Patent Numbers 4,581,028 and 5,019,096.

² U.S. Patent Numbers 4,813,938 and 5,045,065.

Caution: The color of the blood aspirated is not always a reliable indicator of venous access. In conjunction with the use of the Arrow® Raulerson Syringe, use the transduction probe, included, to verify central venous placement via a waveform obtained by a calibrated pressure transducer.

³ Modak SM, SAMPATH BA. Development and evaluation of a new polyurethane central venous catheter: Reducing central venous catheter infections. *Complications in Surgery*. June 1992:23-29.

⁴ Maki DG, Stolz SM, Wheeler S, Mermel LA. Prevention of central venous catheter-related bloodstream infection with an antiseptic-impregnated catheter: a prospective randomized controlled trial. *An Int Med*. August 15, 1997.

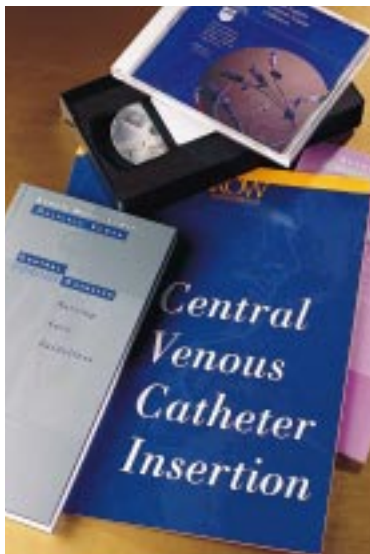
⁵ Licensed under U.S. Patent No. 5,730,758.

⁶ U.S. Patent No. 6,123,193.

Caution: U.S. Federal Law limits these devices to sale by or on order of a physician. Contents of unopened, undamaged package are sterile. Contains no medication. Disposable. Refer to package inserts for current warnings, precautions, and instructions for use.

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- Product descriptions with content listings.
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- Helpful links.

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ARROW
INTERNATIONAL

www.arrowintl.com

UNITED STATES

Arrow International, Inc.
2400 Bernville Road
Reading, PA 19605, USA
Phone: 610-378-0131
Toll-free: (800) 523-8446
Fax: 610-478-3199
Orders-only toll-free fax: (800) 343-2935
Email: Customer.Service@arrowintl.com

AFRICA

Arrow Africa (Pty) Ltd.
Cambridge Commercial Park
22 Witkoppen Road, Paulshof Extension
Sandton 2054, Republic of South Africa
Phone: (11) 807 4887
Fax: (11) 807 4994
Email: tlc@arrowafrica.co.za

AUSTRALASIA

Arrow International, Inc.
2400 Bernville Road
Reading, PA 19605, USA
Phone: 610-378-0131
Toll-free: (800) 233-3187
Fax: 610-374-5360
Email: australasia@arrowintl.com

CANADA

Arrow Medical Products, Ltd.
2300 Bristol Circle, Unit 1
Oakville, Ontario L6H 5S3
Phone: (905) 829-9473
Toll-free: (800) 387-7819
Fax: (905) 829-9414
Email: arrow.canada@arrowintl.com

CZECH REPUBLIC

Arrow International CR, a.s.
Pražská 209
500 04 Hradec Králové
Czech Republic
Phone: 049 575 9111
Fax: 049 575 9222
Email: czech.sales@arrowintl.com

EUROPEAN SALES OFFICE

Flevolaan 9A
NL 1382 JX
Weesp, The Netherlands
Phone: +31 294 29900
Fax: +31 294 414235
Email: europesales@arrowintl.com

FRANCE

Arrow France S.A.
Atlantic Parc, « Les Pyramides » No. 11
Route de Pitoys, P.A. de Maignon
64600 Anglet, France
Phone: 05 59 31 34 90
Fax: 05 59 31 34 91
Email: arrow.sa@wanadoo.fr

GERMANY

Arrow Deutschland GmbH
Justus-von-Liebig-Strasse 2
D-85435 Erding, Germany
Phone: 08122 9820-0
Fax: 08122 40384
Email: service@arrow-deutschland.de

GREECE

Arrow Hellas A.E.E.
230 Kifissias Avenue
Halandri, 152 31
Athens, Greece
Phone: 6777717 / 6777311
Fax: 6777911
Email: arrowhel@hol.gr

HOLLAND

Arrow Holland Medical Products B.V.
Flevolaan 9A
NL 1382 JX
Weesp, The Netherlands
Phone: 294 280 620
Fax: 294 412 300
Email: c_service@arrow-holland.nl

INDIA

Arrow India
9 Demonte Street
Santhome, Mylapore
Chennai 600004
India
Phone: 44-495-6769
Fax: 44-495-6787
Email: arrowint@hotmail.com

JAPAN

Arrow Japan, Ltd.
Nagaoka Bldg.
3-16, Kita-Otsuka 3-chome
Toshima-ku, Tokyo 170-0004, Japan
Phone: 03-5974-1701
Fax: 03-5974-1845
Email: arrowjpn@courante.plala.or.jp

LATIN AMERICA

Arrow International, Inc.
2400 Bernville Road
Reading, PA 19605, USA
Phone: 610-378-0131
Toll-free: (800) 233-3187
Fax: 610-374-5360
Email: latinamerica@arrowintl.com

MEXICO

Arrow Internacional de Mexico S.A. de C.V.
Moliere No. 128, Col. Polanco
11560 Mexico City, Mexico
Phone: 5281-2291
Fax: 5282-1359
Email: arrowmex@mail.internet.com.mx

SLOVAKIA

Arrow Slovensko Piešťany s.r.o.
Valová 49
921 01 Piešťany, Slovakia
Phone/Fax: 0838/77 25428
Email: arrow@arrow.sk

SPAIN

Arrow Iberia S.A.
Avenida de Valgrande 14
28108 Alcobendas
Madrid, Spain
Phone: 916 621 267
Fax: 916 619 756
Email: arrow@arrow-iberia.es

