

ARROW™



**Central Venous
Catheters**
EMEA
Product Catalogue



Teleflex™
Empowering the future of healthcare

Central Venous Access Catheters

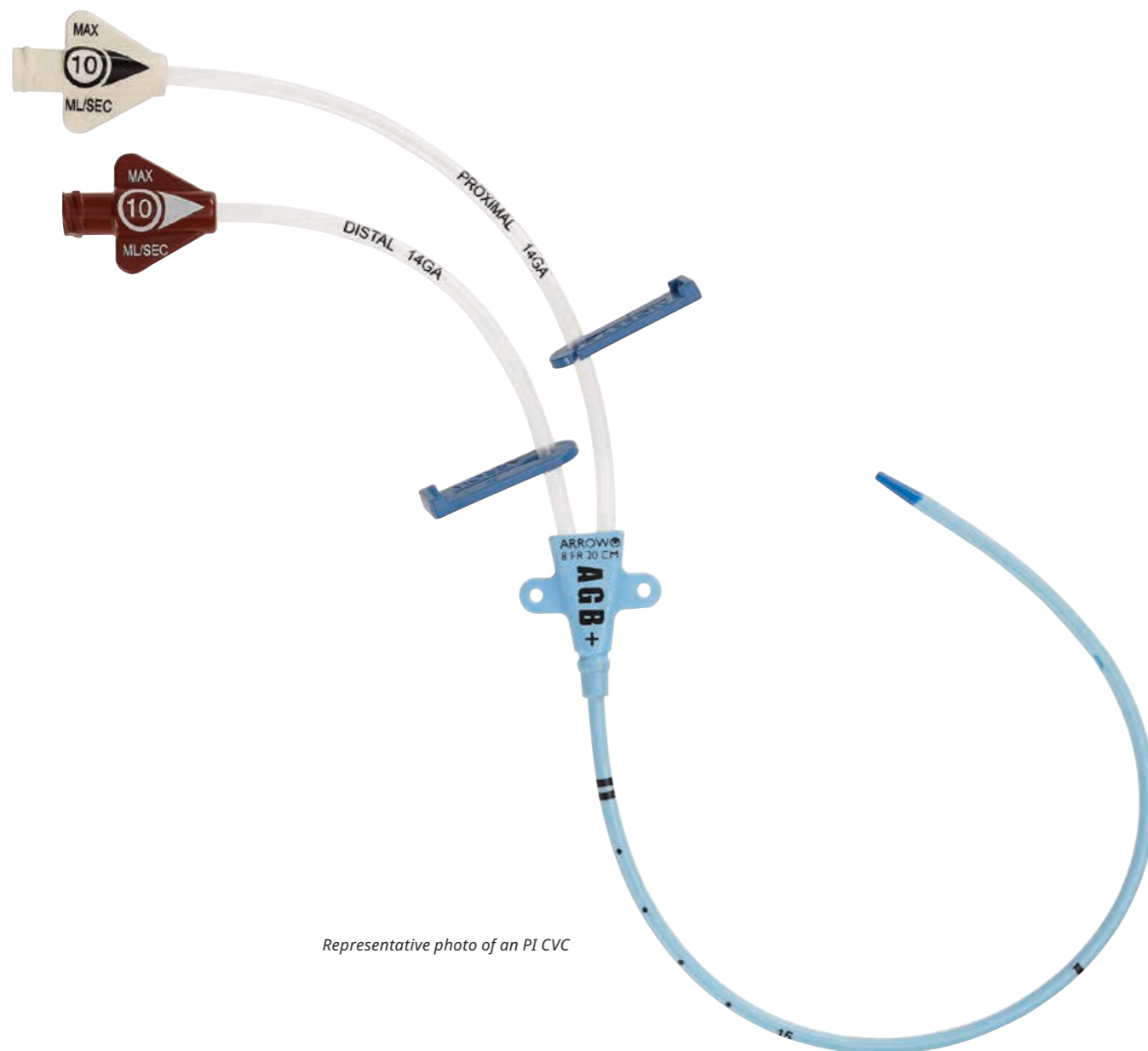
Arrow™ Products from Teleflex cover a broad range of central venous catheters. Arrow™ CVCs are available in a variety of lumen configurations, lengths, French and Gauge sizes. Continuous development and optimization of Arrow™ Products makes Teleflex™ a partner in whom you and your patients can place their trust.

Pressure Injectable Arrowg+ard Blue Plus™ CVC	4
Small Bore: Sizes 7 to 8.5 Fr.	6
Arrowg+ard Blue™ Antimicrobial CVC	10
Small Bore: Sizes 16 Ga. to 8.5 Fr.	12
Small Bore: Sizes 4 Fr. to 5.5 Fr.	16
Large Bore: Size 12 Fr.	18
Arrow™ CVC	20
Small Bore: Sizes 16 Ga. to 9.5 Fr.	22
Small Bore: Sizes 22 Ga to 5.5 Fr.	28
Large Bore: Size 12 Fr.	32
Arrowg+ard Blue™ Hemodialysis Catheter	34
Acute Large Bore: Sizes 12 to 14 Fr.	36
Arrow™ Hemodialysis Catheter	40
Acute Large Bore: Sizes 12 to 14 Fr.	42
Index	46

Pressure Injectable Arrowg+ard Blue Plus™ CVC

Pressure Injectability

Capabilities up to **10 ml/s** and **400 psi** and up to **10 injections** per catheter



Representative photo of an PI CVC

Product Description

The Arrow catheter is indicated to permit short-term (<30 day) central venous access for the treatment of diseases or conditions requiring central venous access, including, but not limited to the following:

- Lack of usable peripheral IV sites
- Central venous pressure monitoring
- Total parenteral nutrition (TPN)
- Infusions of fluids, medications, or chemotherapy
- Frequent blood sampling or receiving blood transfusions/blood products
- Injection of contrast media

When used for pressure injection of contrast media, do not exceed the maximum indicated flow rate for each catheter lumen. The maximum pressure of power injector equipment used with the pressure injectable CVC may not exceed 400 psi.

The Arrowg+ard technology is intended to provide protection against catheter-related bloodstream infections (CRBSIs):

The Arrowg+ard Blue Plus™ (AGB+) antimicrobial catheter is a central venous catheter (CVC) with an external surface treatment using the antimicrobials chlorhexidine acetate and silver sulfadiazine on the catheter body and juncture hub nose, plus an internal lumen impregnation utilizing an antimicrobial combination of chlorhexidine acetate and chlorhexidine base for the catheter body, juncture hub, extension line(s), and extension line hub(s).

Small Bore: Sizes 7 to 8.5 Fr.



CONFIGURATION	CATHETER TYPE	INTRODUCER NEEDLE: 18 GA. x 6.35 CM XTW	DILATOR	SPRING WIRE GUIDE (J-TIP/STRAIGHT) WITH ARROW GLIDEWHEEL™ ADVANCER – MATERIAL	SECONDSITE™ ADJUSTABLE HUB: CATHETER CLAMP AND FASTENER	NON-VENTED DUST CAP	TYPE OF SYRINGE	PRESSUE TRANSDUCTION PROBE 20 GA. x 3.81 CM	SCALPEL	SHARPSAWAY	MSB MODULE CAP, GOWN, MASK, MAX BARRIER DRAPE	PATIENT DRAPE	CLEANSING MODULE GAUZE PADS, SPONGE PREP	ULTRASOUND MODULE US PROBE COVER	LOCAL ANESTHESIA MODULE FILTER NEEDLE, SYRINGE, ECLIPSE NEEDLE	FLUSHING MODULE 10 ML LS SYRINGE	SECUREMENT MODULE GRIP-LOK SUTURELESS FIXATION DEVICE	DRESSING MODULE TEGADERM DRESSING	CATHETER TYPE	CONFIGURATION
FIGURE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	1	
EU-HPS	PI CVC	ECHO	Momiji	Nitinol (Niti)	•	•	Arrow™ Raulerson Spring-Wire Introduction Syringe: 5ml	•	Safety	•									PI CVC	EU-HPS
EU-HPSK	PI CVC	ECHO	Momiji	Nitinol (Niti)	•	•	Arrow™ Raulerson Spring-Wire Introduction Syringe: 5ml	•	Safety	•		•	•		•	•	•	•	PI CVC	EU-HPSK
EU-HPSKM	PI CVC	ECHO	Momiji	Nitinol (Niti)	•	•	Arrow™ Raulerson Spring-Wire Introduction Syringe: 5ml	•	Safety	•	•		•	•	•	•	•	•	PI CVC	EU-HPSKM

EU-HPS Configuration

REF.	CATHETER						SWG SIZE		PACKAGING UNIT
	TECHNOLOGY	LUMEN	SIZE	LENGTH	LUMEN CONFIG	SWG SIZE	ECG MARKING	PCS/BOX	
EU-22702-HPS	A+g	2	7 Fr.	16 cm	18/14 Ga.	45 cm		10	
EU-47702-HPS	AGB+	2	7 Fr.	20 cm	14/18 Ga.	60 cm	•	10	
EU-42802-HPS	AGB+	2	8 Fr.	16 cm	14/14 Ga.	60 cm	•	10	
EU-45802-HPS	AGB+	2	8 Fr.	20 cm	14/14 Ga.	60 cm	•	10	
EU-42703-HPS	AGB+	3	7 Fr.	16 cm	16/18/18 Ga.	60 cm	•	10	
EU-15703-HPS	PUR	3	7 Fr.	20 cm	16/18/18 Ga.	60 cm	•	10	
EU-45703-HPS	AGB+	3	7 Fr.	20 cm	16/18/18 Ga.	60 cm	•	10	
EU-42854-HPS	AGB+	4	8.5 Fr.	16 cm	16/14/18/18 Ga.	60 cm	•	10	
EU-45854-HPS	AGB+	4	8.5 Fr.	20 cm	16/14/18/18 Ga.	60 cm	•	10	

EU-HPSKM Configuration

REF.	CATHETER						SWG SIZE		PACKAGING UNIT
	TECHNOLOGY	LUMEN	SIZE	LENGTH	LUMEN CONFIG	SWG SIZE	ECG MARKING	PCS/BOX	
EU-22702-HPSKM	A+g	2	7 Fr.	16 cm	18/14 Ga.	45 cm		5	
EU-47702-HPSKM	AGB+	2	7 Fr.	20 cm	14/18 Ga.	60 cm	•	5	
EU-42802-HPSKM	AGB+	2	8 Fr.	16 cm	14/14 Ga.	60 cm	•	5	
EU-45802-HPSKM	AGB+	2	8 Fr.	20 cm	14/14 Ga.	60 cm	•	5	
EU-42703-HPSKM	AGB+	3	7 Fr.	16 cm	16/18/18 Ga.	60 cm	•	5	
EU-15703-HPSKM	PUR	3	7 Fr.	20 cm	16/18/18 Ga.	60 cm	•	5	
EU-45703-HPSKM	AGB+	3	7 Fr.	20 cm	16/18/18 Ga.	60 cm	•	5	
EU-42854-HPSKM	AGB+	4	8.5 Fr.	16 cm	16/14/18/18 Ga.	60 cm	•	5	
EU-45854-HPSKM	AGB+	4	8.5 Fr.	20 cm	16/14/18/18 Ga.	60 cm	•	5	

EU-HPSK Configuration

REF.	CATHETER						SWG SIZE		PACKAGING UNIT
	TECHNOLOGY	LUMEN	SIZE	LENGTH	LUMEN CONFIG	SWG SIZE	ECG MARKING	PCS/BOX	
EU-22702-HPSK	A+g	2	7 Fr.	16 cm	18/14 Ga.	45 cm		5	
EU-47702-HPSK	AGB+	2	7 Fr.	20 cm	14/18 Ga.	60 cm	•	5	
EU-42802-HPSK	AGB+	2	8 Fr.	16 cm	14/14 Ga.	60 cm	•	5	
EU-45802-HPSK	AGB+	2	8 Fr.	20 cm	14/14 Ga.	60 cm	•	5	
EU-42703-HPSK	AGB+	3	7 Fr.	16 cm	16/18/18 Ga.	60 cm	•	5	
EU-15703-HPSK	PUR	3	7 Fr.	20 cm	16/18/18 Ga.	60 cm	•	5	
EU-45703-HPSK	AGB+	3	7 Fr.	20 cm	16/18/18 Ga.	60 cm	•	5	
EU-42854-HPSK	AGB+	4	8.5 Fr.	16 cm	16/14/18/18 Ga.	60 cm	•	5	
EU-45854-HPSK	AGB+	4	8.5 Fr.	20 cm	16/14/18/18 Ga.	60 cm	•	5	

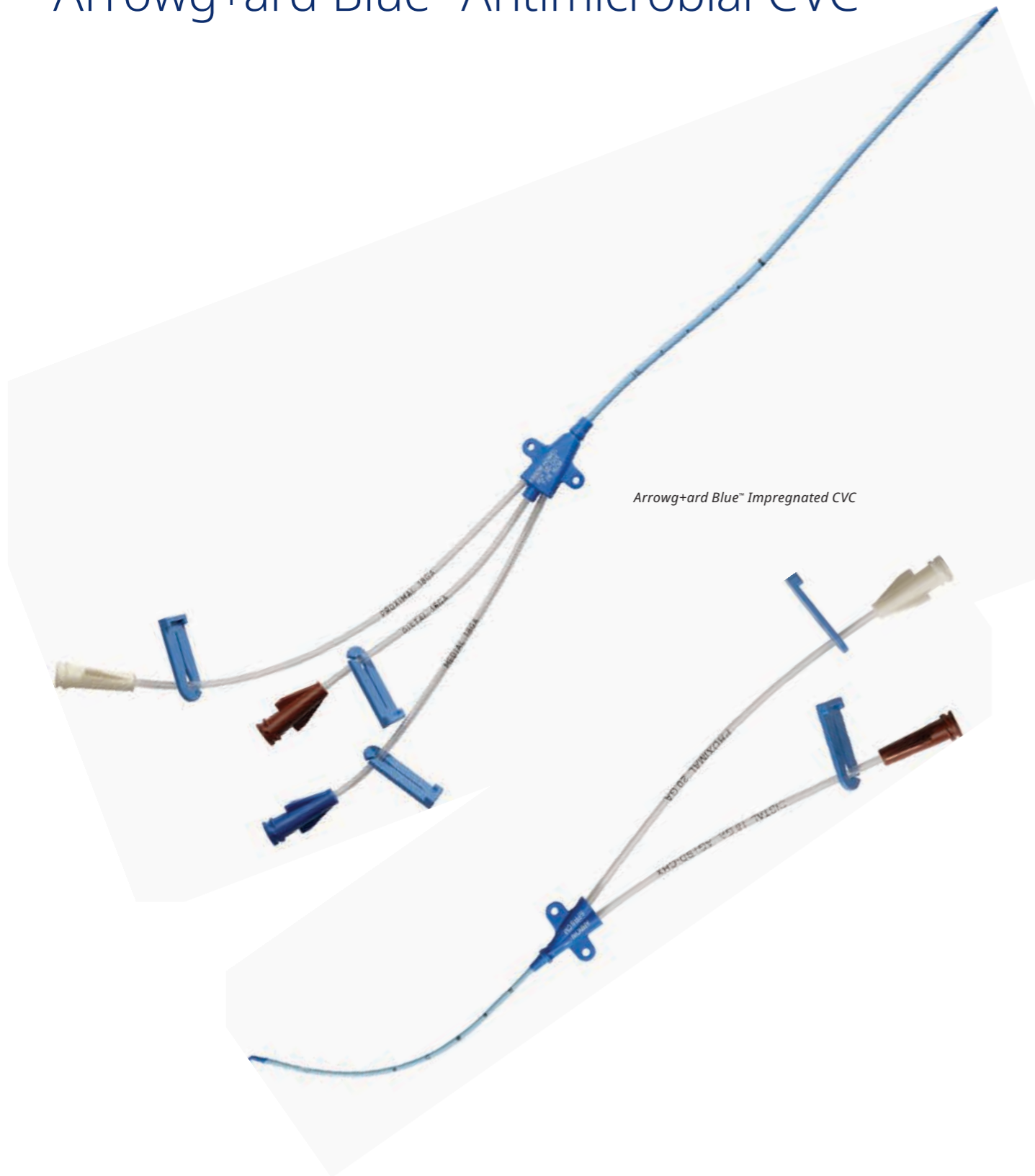
Priming Volume and Flowrate Information

CROSS SECTION	LUMEN	SIZE	LENGTH	IMPREGNATED	LUMEN	DISTAL	MEDIAL 1	MEDIAL 2	PROXIMAL
	2	7Fr.	16 cm	A+g	Size	18 Ga.			14 Ga.
				Priming volume		0.33 ml			0.50 ml
				ISO 10555 Flow Rate		1079 ml/h			4648 ml/h
				MAX Pressure Injection Flow Rate		5 ml/s			10 ml/s
	2	7Fr.	20 cm	AGB+	Size	14 Ga.			18 Ga.
				Priming volume		0.57 ml			0.40 ml
				ISO 10555 Flow Rate		4731 ml/h			913 ml/h
				MAX Pressure Injection Flow Rate		10 ml/s			10 ml/s
	2	8Fr.	16 cm	AGB+	Size	14 Ga.			14 Ga.
				Priming volume		0.68 ml			0.68 ml
				ISO 10555 Flow Rate		6350 ml/h			6350 ml/h
				MAX Pressure Injection Flow Rate		10 ml/s			10 ml/s
	2	8Fr.	20 cm	AGB+	Size	14 Ga.			14 Ga.
				Priming volume		0.73 ml			0.75 ml
				ISO 10555 Flow Rate		5354 ml/h			3984 ml/h
				MAX Pressure Injection Flow Rate		10 ml/s			10 ml/s
	3	7Fr.	20 cm	PUR	Size	16 Ga.	18 Ga.		18 Ga.
				Priming volume		0.47 ml	0.40 ml		0.42 ml
				ISO 10555 Flow Rate		2656 ml/h	1245 ml/h		1328 ml/h
				MAX Pressure Injection Flow Rate		10 ml/s	5 ml/s		5 ml/s
	3	7Fr.	16 cm	AGB+	Size	16 Ga.	18 Ga.		18 Ga.
				Priming volume		0.38 ml	0.37 ml		0.39 ml
				ISO 10555 Flow Rate		2490 ml/h	1162 ml/h		1328 ml/h
				MAX Pressure Injection Flow Rate		10 ml/s	5 ml/s		5 ml/s
	3	7Fr.	20 cm	AGB+	Size	16 Ga.	18 Ga.		18 Ga.
				Priming volume		0.39 ml	0.39 ml		0.40 ml
				ISO 10555 Flow Rate		2283 ml/h	913 ml/h		996 ml/h
				MAX Pressure Injection Flow Rate		10 ml/s	5 ml/s		5 ml/s
	4	8.5Fr.	16 cm	AGB+	Size	16 Ga.	14 Ga.	18 Ga.	18 Ga.
				Priming volume		0.38 ml	0.45 ml	0.35 ml	0.38 ml
				ISO 10555 Flow Rate		2781 ml/h	4980 ml/h	1453 ml/h	1619 ml/h
				MAX Pressure Injection Flow Rate		5 ml/s	10 ml/s	not rated	not rated
	4	8.5Fr.	20 cm	AGB+	Size	16 Ga.	14 Ga.	18 Ga.	18 Ga.
				Priming volume		0.40 ml	0.50 ml	0.36 ml	0.39 ml
				ISO 10555 Flow Rate		2283 ml/h	4316 ml/h	1079 ml/h	1162 ml/h
				MAX Pressure Injection Flow Rate		5 ml/s	10 ml/s	not rated	not rated

To download
Instructions for
Use go to



Arrowg+ard Blue™ Antimicrobial CVC



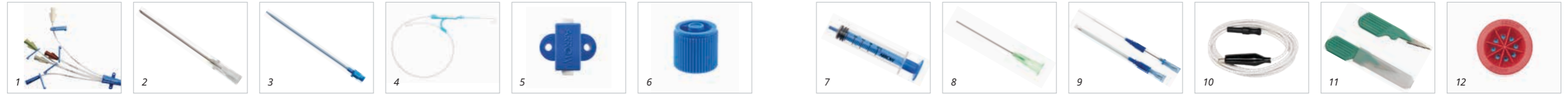
Product Description

The Arrowg+ard Blue™ antimicrobial catheter consists of an Arrow™ standard polyurethane catheter with Blue FlexTip™, plus an external surface treatment using antimicrobials, chlorhexidine acetate and silver sulfadiazine.

Intended Purpose / Use

The Arrow™ catheter is indicated to permit short-term (<30 days) central venous access for the treatment of diseases or conditions requiring central venous access. The Arrowg+ard technology is intended to provide protection against catheter-related bloodstream infections.

Small Bore: Sizes 16 Ga. to 8.5 Fr.



CONFIGURATION	CATHETER TYPE	INTRODUCER NEEDLE: 18 GA×6.35 CM XTW	DILATOR	SPRING WIRE GUIDE (J-TIP/STRAIGHT) WITH ARROW™ ADVANCER – MATERIAL	SECONDSITE™ ADJUSTABLE HUB: CATHETER CLAMP AND FASTENER	NON-VENTED DUST CAP	TYPE OF SYRINGE	PRESSUE TRANSDUCTION PROBE 20GA.×3.81 CM	CATHETER OVER NEEDLE 18 GA.×2½ (6.35 CM) CATH/ 20 GA RW NDL	ECG EXTENSION CABLE	SCALPEL	SHARPSAWAY	CATHETER TYPE	CONFIGURATION
FIGURE	1	2	3	4	5	6	7	8	9	10	11	12	1	
EU-N	non-PI CVC	Non-ECHO	•	Nitinol (Niti)	•		Standard: 5ml – LS				Safety (only in Pediatric Sizes)	only in Pediatric Sizes	non-PI CVC	EU-N
CS-E	non-PI CVC	Non-ECHO	•	Stainless Steel (SS)	•	•	Arrow™ Raulerson Spring-Wire Introduction Syringe: 5ml	•	•				non-PI CVC	CS-E
EU-EN	non-PI CVC	Non-ECHO	•	Nitinol (Niti)	•		Arrow™ Raulerson Spring-Wire Introduction Syringe: 5ml	•					non-PI CVC	EU-EN
EU-CVT	non-PI CVC	ECHO	•	Stainless Steel (SS)	•	•	Standard: 5ml – LS			•	non-Safety		non-PI CVC	EU-CVT

CS-E Configuration

REF.	CATHETER				SWG SIZE		PACKAGING UNIT
	LUMEN	SIZE	LENGTH	LUMEN CONFIG	SWG SIZE	ECG MARKING	
CS-24306-E	1	16 Ga.	16 cm	16 Ga.	45 cm		10
CS-24301-E	1	16 Ga.	20 cm	16 Ga.	60 cm		10
CS-24706-E	1	14 Ga.	16 cm	14 Ga.	45 cm		10
CS-24701-E	1	14 Ga.	20 cm	14 Ga.	60 cm	•	10
CS-22702-E	2	7 Fr.	16 cm	14/18 Ga.	45 cm		5
CS-27702-E	2	7 Fr.	20 cm	14/18 Ga.	68 cm	•	5
CS-22802	2	8 Fr.	16 cm	14/14 Ga.	45 cm		5
CS-25802-E	2	8 Fr.	20 cm	14/14 Ga.	60 cm	•	5
CS-22703-E	3	7 Fr.	16 cm	16/18/18 Ga.	45 cm		5
CS-25703-E	3	7 Fr.	20 cm	16/18/18 Ga.	60 cm	•	5
CS-24703-E	3	7 Fr.	30 cm	16/18/18 Ga.	68 cm	•	5
CS-22853-E	3	8.5 Fr.	16 cm	16/14/16 Ga.	45 cm		5
CS-25853-E	3	8.5 Fr.	20 cm	16/14/16 Ga.	60 cm	•	5
CV-20854	4	8.5 Fr.	11 cm	16/14/18/18 Ga.	60 cm	•	10
CS-22854-E	4	8.5 Fr.	16 cm	16/14/18/18 Ga.	45 cm		5
CS-25854-E	4	8.5 Fr.	20 cm	16/14/18/18 Ga.	60 cm	•	5
CS-22855	5	8.5 Fr.	16 cm	16/14/18/18/18 Ga.	60 cm	•	5
CS-25855-E	5	8.5 Fr.	20 cm	16/14/18/18/18 Ga.	60 cm	•	5

CS-22854-E + 1 × 5 ml LS

EU-N Configuration

REF.	CATHETER				SWG SIZE		PACKAGING UNIT
	LUMEN	SIZE	LENGTH	LUMEN CONFIG	SWG SIZE	ECG MARKING	
EU-25802-N	2	8 Fr.	20 cm	14/14 Ga.	60 cm	•	5
EU-25853-N	3	8.5 Fr.	20 cm	16/14/16 Ga.	60 cm	•	5
EU-22854-N	4	8.5 Fr.	16 cm	16/14/18/18 Ga.	45 cm		5
EU-25855-N	5	8.5 Fr.	20 cm	16/14/18/18/18 Ga.	60 cm	•	5






EU-EN Configuration



REF.	CATHETER				SWG SIZE		PACKAGING UNIT
	LUMEN	SIZE	LENGTH	LUMEN CONFIG	SWG SIZE	ECG MARKING	
EU-24701-EN	1	14 Ga.	20 cm	14 Ga.	60 cm	•	5
EU-22702-EN	2	7 Fr.	16 cm	18/14 Ga.	45 cm		5
EU-27702-EN	2	7 Fr.	20 cm	14/18 Ga.	60 cm	•	5
EU-22703-EN	3	7 Fr.	16 cm	16/18/18 Ga.	45 cm		5
EU-25703-EN	3	7 Fr.	20 cm	16/18/18 Ga.	60 cm	•	5
EU-25854-EN	4	8.5 Fr.	20 cm	16/14/18/18 Ga.	60 cm	•	5
EU-22855-EN	5	8.5 Fr.	16 cm	16/14/18/18/18 Ga.	45 cm		5

EU-CVT Configuration

REF.	CATHETER				SWG SIZE		PACKAGING UNIT
	LUMEN	SIZE	LENGTH	LUMEN CONFIG	SWG SIZE	ECG MARKING	
EU-24701-CVT	1	14 Ga.	20 cm	14 Ga.	60 cm	•	5
EU-27702-CVT	2	7 Fr.	20 cm	14/18 Ga.	60 cm	•	5
EU-25802-CVT	2	8 Fr.	20 cm	14/14 Ga.	60 cm	•	5
EU-24802-CVT	2	8 Fr.	30 cm	14/14 Ga.	68 cm	•	5
EU-22703-CVT	3	7 Fr.	16 cm	16/18/18 Ga.	45 cm		5
EU-25703-CVT	3	7 Fr.	20 cm	16/18/18 Ga.	60 cm	•	5
EU-24703-CVT	3	7 Fr.	30 cm	16/18/18 Ga.	68 cm	•	5
EU-25853-CVT	3	8.5 Fr.	20 cm	16/14/16 Ga.	60 cm	•	5
EU-25854-CVT	4	8.5 Fr.	20 cm	16/14/18/18 Ga.	60 cm	•	5
EU-25855-CVT	5	8.5 Fr.	20 cm	16/14/18/18/18 Ga.	60 cm	•	5

Priming Volume and Flowrate Information

CROSS SECTION	LUMEN	SIZE	LENGTH	IMPREGNATED	LUMEN	DISTAL	MEDIAL 1	MEDIAL 2	MEDIAL 3	PROXIMAL	
	1	14 Ga.	16 cm	A+g	Size	14 Ga.					
				Priming volume		0.50 ml					
				ISO 10555 Flow Rate		5661 ml/h					
	1	14 Ga.	20 cm	A+g	Size	14 Ga.					
				Priming volume		0.57 ml					
				ISO 10555 Flow Rate		4905 ml/h					
	1	16 Ga.	16 cm	A+g	Size	16 Ga.					
				Priming volume		0.4 ml					
				ISO 10555 Flow Rate		2947 ml/h					
	1	16 Ga.	20 cm	A+g	Size	16 Ga.					
				Priming volume		0.44 ml					
				ISO 10555 Flow Rate		2781 ml/h					
	2	7 Fr.	16 cm	A+g	Size	14 Ga.				18 Ga.	
				Priming volume		0.53 ml				0.39 ml	
				ISO 10555 Flow Rate		5852 ml/h				1536 ml/h	
	2	7 Fr.	20 cm	A+g	Size	14 Ga.					18 Ga.
				Priming volume		0.59 ml				0.41 ml	
				ISO 10555 Flow Rate		4739 ml/h				880 ml/h	
	2	8 Fr.	16 cm	A+g	Size	14 Ga.				14 Ga.	
				Priming volume		0.70 ml				0.74 ml	
				ISO 10555 Flow Rate		6648 ml/h				5022 ml/h	
	2	8 Fr.	20 cm	A+g	Size	14 Ga.					14 Ga.
				Priming volume		0.8 ml				0.8 ml	
				ISO 10555 Flow Rate		5237 ml/h				3511 ml/h	
2	8 Fr.	30 cm	A+g	Size	14 Ga.					14 Ga.	
			Priming volume		0.88 ml				0.90 ml		
			ISO 10555 Flow Rate		4275 ml/h				2905 ml/h		
	3	7 Fr.	16 cm	A+g	Size	16 Ga.	18 Ga.			18 Ga.	
				Priming volume		0.42 ml	0.38 ml			0.41 ml	
				ISO 10555 Flow Rate		2656 ml/h	1353 ml/h			1477 ml/h	
	3	7 Fr.	20 cm	A+g	Size	16 Ga.	18 Ga.				18 Ga.
				Priming volume		0.4 ml	0.4 ml			0.4 ml	
				ISO 10555 Flow Rate		2258 ml/h	1046 ml/h			1154 ml/h	
	3	7 Fr.	30 cm	A+g	Size	16 Ga.	18 Ga.				18 Ga.
				Priming volume		0.6 ml	0.5 ml			0.5 ml	
				ISO 10555 Flow Rate		2025 ml/h	921 ml/h			1004 ml/h	
	3	8.5 Fr.	16 cm	A+g	Size	16 Ga.	14 Ga.			16 Ga.	
				Priming volume		0.43 ml	0.78 ml			0.43 ml	
				ISO 10555 Flow Rate		3279 ml/h	6333 ml/h			3171 ml/h	
	3	8.5 Fr.	20 cm	A+g	Size	16 Ga.	14 Ga.				16 Ga.
				Priming volume		0.47 ml	0.84 ml			0.48 ml	
				ISO 10555 Flow Rate		3021 ml/h	5511 ml/h			2673 ml/h	

CROSS SECTION	LUMEN	SIZE	LENGTH	IMPREGNATED	LUMEN	DISTAL	MEDIAL 1	MEDIAL 2	MEDIAL 3	PROXIMAL	
	4	8.5 Fr.	11 cm	A+g	Size	16 Ga.	14 Ga.	18 Ga.		18 Ga.	
				Priming volume		0.37 ml	0.43 ml	0.35 ml		0.38 ml	
				ISO 10555 Flow Rate		3063 ml/h	5445 ml/h	838 ml/h		946 ml/h	
	4	8.5 Fr.	16 cm	A+g	Size	16 Ga.	14 Ga.	18 Ga.			18 Ga.
				Priming volume		0.40 ml	0.48 ml	0.37 ml		0.39 ml	
				ISO 10555 Flow Rate		2415 ml/h	4723 ml/h	1311 ml/h		1403 ml/h	
	4	8.5 Fr.	20 cm	A+g	Size	16 Ga.	14 Ga.	18 Ga.			18 Ga.
				Priming volume		0.45 ml	0.58 ml	0.39 ml		0.40 ml	
				ISO 10555 Flow Rate		2108 ml/h	3860 ml/h	1096 ml/h		1129 ml/h	
	5	8.5 Fr.	16 cm	A+g	Size	16 Ga.	14 Ga.	18 Ga.	18 Ga.	18 Ga.	
				Priming volume		0.58 ml	0.71 ml	0.36 ml	0.38 ml	0.40 ml	
				ISO 10555 Flow Rate		3030 ml/h	5470 ml/h	1046 ml/h	1187 ml/h	1212 ml/h	
	5	8.5 Fr.	20 cm	A+g	Size	16 Ga.	14 Ga.	18 Ga.	18 Ga.	18 Ga.	
				Priming volume		0.63 ml	0.78 ml	0.38 ml	0.40 ml	0.42 ml	
				ISO 10555 Flow Rate		2689 ml/h	4748 ml/h	888 ml/h	1013 ml/h	988 ml/h	

To download
Instructions for
Use go to



Small Bore: Sizes 4Fr. to 5.5Fr.



CONFIGURATION	CATHETER TYPE	INTRODUCER NEEDLE	DILATOR	SPRING WIRE GUIDE (J-TIP/STRAIGHT) WITH ARROW™ ADVANCER – MATERIAL	SECONDSITE™ ADJUSTABLE HUB: CATHETER CLAMP AND FASTENER	NON-VENTED DUST CAP	TYPE OF SYRINGE	CATHETER OVER NEEDLE	SCALPEL	SHARPSAWAY	CATHETER TYPE	CONFIGURATION
FIGURE	1	2	3	4	5	6	7	8	9	10	1	
CS	non-PI CVC	Non-ECHO	•	Stainless Steel (SS)	•	•	Standard: 5 ml – LS	•			non-PI CVC	CS
EU-N	non-PI CVC	Non-ECHO	•	Nitinol (Niti)	•		Standard: 5 ml – LS	•	Safety	•	non-PI CVC	EU-N

CS Configuration

REF.	CATHETER				INTRODUCER NEEDLE SIZE	CATHETER OVER NEEDLE SIZE	SWG SIZE	PACKAGING UNIT PCS/BOX
	LUMEN	SIZE	LENGTH	LUMEN CONFIG				
CS-25402	2	4Fr.	8cm	22/22 Ga.	21 Ga. × 3.81 cm	22 Ga. × 4.45 cm / 25 Ga.	45cm	5
CS-24402	2	4Fr.	13cm	22/22 Ga.	21 Ga. × 3.81 cm	22 Ga. × 4.45 cm / 25 Ga.	45cm	5
ES-24402 ¹	2	4Fr.	13cm	22/22 Ga.	22 Ga. × 2.67 cm	N/A	45cm	5
CS-22502	2	5Fr.	5cm	18/20 Ga.	20 Ga. × 3.81 cm	20 Ga. × 4.45 cm / 22 Ga.	45cm	5
CS-25502	2	5Fr.	8cm	18/20 Ga.	20 Ga. × 3.81 cm	20 Ga. × 4.45 cm / 22 Ga.	45cm	5
CS-25553	3	5.5Fr.	8cm	20/22/22 Ga.	21 Ga. × 3.81 cm	22 Ga. × 4.45 cm / 25 Ga.	45cm	5
CS-26553	3	5.5Fr.	13cm	20/22/22 Ga.	21 Ga. × 3.81 cm	22 Ga. × 4.45 cm / 25 Ga.	45cm	5

¹ES-24402 contains 3 ml LS-Syringe

EU-N Configuration

REF.	CATHETER				INTRODUCER NEEDLE SIZE	CATHETER OVER NEEDLE SIZE	SWG SIZE	PACKAGING UNIT PCS/BOX
	LUMEN	SIZE	LENGTH	LUMEN CONFIG				
EU-25402-N	2	4Fr.	8cm	22/22 Ga.	20 Ga. × 4 cm	22 Ga. × 4.45 cm / 25 Ga.	45cm	5
EU-24402-N	2	4Fr.	13cm	22/22 Ga.	20 Ga. × 4 cm	22 Ga. × 4.45 cm / 25 Ga.	45cm	5
EU-22502-N	2	5Fr.	5cm	18/20 Ga.	20 Ga. × 4 cm	20 Ga. × 4.45 cm / 22 Ga.	45cm	5
EU-25553-N	3	5.5Fr.	8cm	20/22/22 Ga.	20 Ga. × 4 cm	22 Ga. × 4.45 cm / 25 Ga.	45cm	5
EU-26553-N	3	5.5Fr.	11cm	20/22/22 Ga.	20 Ga. × 4 cm	22 Ga. × 4.45 cm / 25 Ga.	45cm	5

Nitinol SWG are designed with smaller J-Tip radius

Priming Volume and Flowrate Information

CROSS SECTION	LUMEN	SIZE	LENGTH	CATH TYPE	LUMEN	DISTAL	MEDIAL 1	PROXIMAL
	2	4Fr.	8cm	A+g	Size	22 Ga.		22 Ga.
				Priming volume		0.3ml		0.3ml
				ISO 10555 Flow Rate		581 ml/h		317 ml/h
	2	4Fr.	13cm	A+g	Size	22 Ga.		22 Ga.
				Priming volume		0.26ml		0.30ml
				ISO 10555 Flow Rate		422 ml/h		191 ml/h
	2	5Fr.	5cm	A+g	Size	18 Ga.		20 Ga.
				Priming volume		0.26ml		0.30ml
				ISO 10555 Flow Rate		1760 ml/h		1253 ml/h
	2	5Fr.	8cm	A+g	Size	18 Ga.		20 Ga.
				Priming volume		0.28ml		0.30ml
				ISO 10555 Flow Rate		1477 ml/h		614 ml/h
	3	5.5Fr.	8cm	A+g	Size	20 Ga.	22 Ga.	22 Ga.
				Priming volume		0.3ml	0.4ml	0.4ml
				ISO 10555 Flow Rate		1121 ml/h	587 ml/h	896 ml/h
	3	5.5Fr.	13cm	A+g	Size	20 Ga.	22 Ga.	22 Ga.
				Priming volume		0.3ml	0.3ml	0.4ml
				ISO 10555 Flow Rate		1013 ml/h	370 ml/h	442 ml/h

To download Instructions for Use go to



Large Bore: Size 12 Fr.



CONFIGURATION	CATHETER TYPE	INTRODUCER NEEDLE: 18 GA. x 6.35 CM XTW	DILATOR	SPRING WIRE GUIDE (J-TIP/STRAIGHT) WITH ARROW™ ADVANCER – MATERIAL	NON-VENTED DUST CAP	TYPE OF SYRINGE	PRESSUE TRANSDUCTION PROBE 20 GA. X 3.81 CM	CATHETER OVER NEEDLE 18 GA. x 2½" (6.35 CM) CATH / 20 GA. RW NDL FOR 14 FR 16 GA. x 1⅞" (4.8 CM) CATH / 19 GA. RW NDL	SCALPEL	NON-FENESTRATED DRAPE	CATHETER TYPE	CONFIGURATION
FIGURE	1	2	3	4	5	6	7	8	9	10	1	
CS-F	straight	Non-ECHO	standard	Stainless Steel (SS)	•	Arrow™ Raulerson Spring-Wire Introduction Syringe: 5 ml	•	•	•	•	straight	CS-F

CS-F Configuration

REF.	CATHETER				SWG SIZE	PACKAGING UNIT PCS/BOX
	LUMEN	SIZE	LENGTH	LUMEN CONFIG		
CS-22123-F	3	12 Fr.	16 cm	16/12/12 Ga.	60 cm	5
CS-25123-F	3	12 Fr.	20 cm	16/12/12 Ga.	68 cm	5

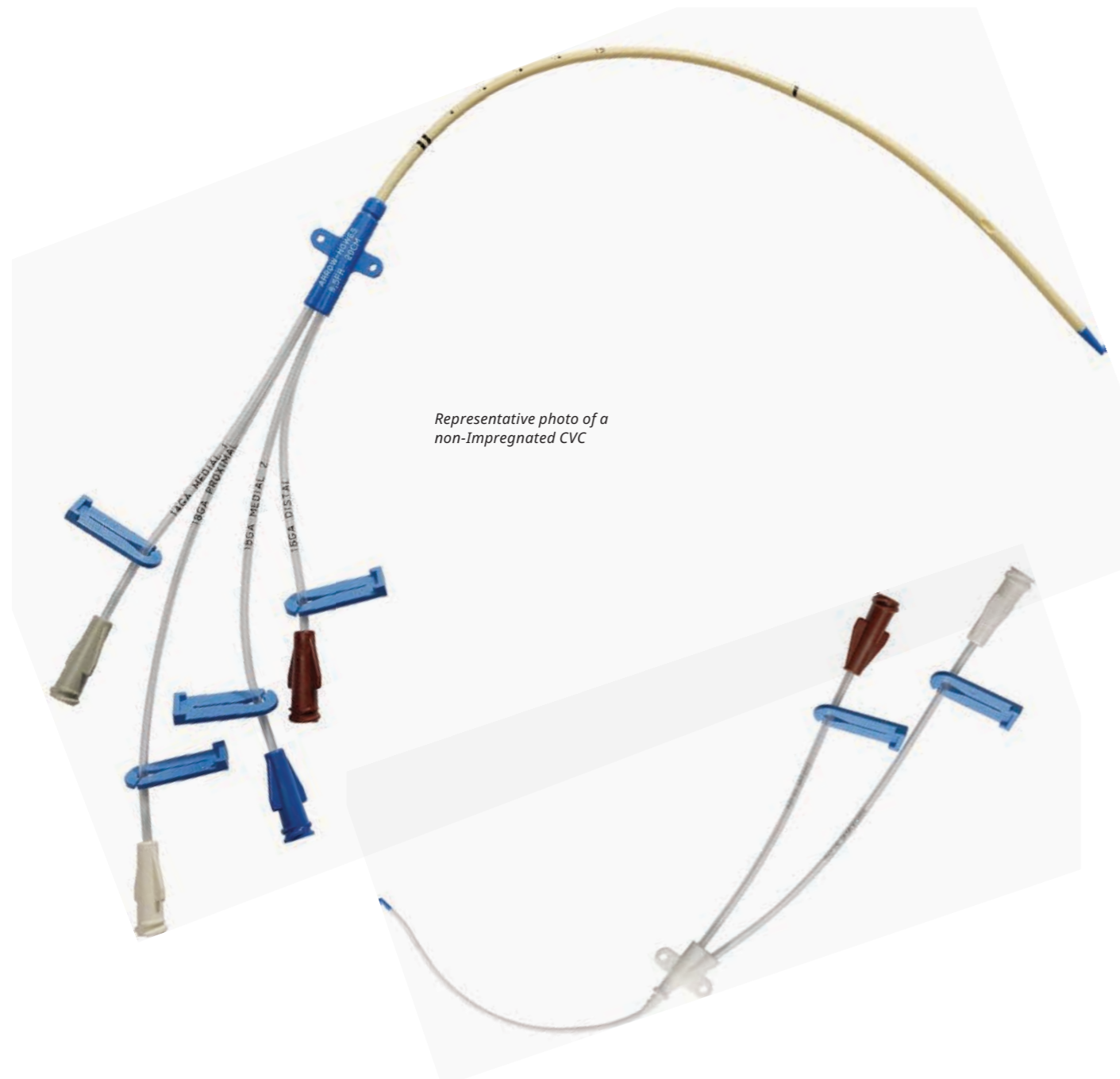
Priming Volume and Flowrate Information

CROSS SECTION	LUMEN	SIZE	LENGTH	CATH TYPE	LUMEN	DISTAL	MEDIAL	PROXIMAL
	3	12 Fr.	16 cm	A+g	Size	16 Ga.	12 Ga.	12 Ga.
				Priming volume		0.35 ml	1.2 ml	1.1 ml
				ISO 10555 Flow Rate		2581 ml/h	9719 ml/h	12666 ml/h
	3	12 Fr.	20 cm	A+g	Size	16 Ga.	12 Ga.	12 Ga.
				Priming volume		0.4 ml	1.3 ml	1.2 ml
				ISO 10555 Flow Rate		2457 ml/h	10151 ml/h	11039 ml/h

To download
Instructions for
Use go to



Arrow™ CVC

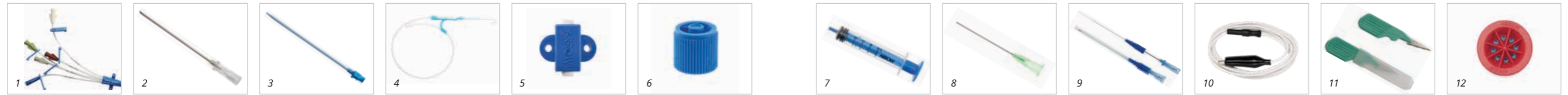


Indications for Use

The Arrow™ catheter is indicated to permit short-term (< 30 day) central venous access for the treatment of diseases or conditions requiring central venous access, including, but not limited to the following:

- Lack of usable peripheral IV sites
- Central venous pressure monitoring
- Total parenteral nutrition (TPN)
- Infusions of fluids, medications, or chemotherapy
- Frequent blood sampling or receiving blood transfusions/blood products

Small Bore: Sizes 16 Ga. to 9.5 Fr.



CONFIGURATION	CATHETER TYPE	INTRODUCER NEEDLE: 18 GA. x 6.35 CM XTW	DILATOR	SPRING WIRE GUIDE (J-TIP/STRAIGHT) WITH ARROW™ ADVANCER – MATERIAL	SECONDSITE™ ADJUSTABLE HUB: CATHETER CLAMP AND FASTENER	NON-VENTED DUST CAP	TYPE OF SYRINGE	PRESSURE TRANSDUCTION PROBE 20 GA. x 3.81 CM	CATHETER OVER NEEDLE 18 GA. x 2 1/2 (6.35 CM) CATH/ 20 GA. RW NDL	ECG EXTENSION CABLE	SCALPEL	SHARPSAWAY	CATHETER TYPE	CONFIGURATION
FIGURE	1	2	3	4	5	6	7	8	9	10	11	12	1	
ES (1-Lumen only)	non-PI CVC	Non-ECHO	•	Stainless Steel (SS)	•		Arrow™ Raulerson Spring-Wire Introduction Syringe: 5ml	•					non-PI CVC	ES (1-Lumen only)
CV	non-PI CVC	Non-ECHO	•	Stainless Steel (SS)	•	not in 1-Lumen	Standard: 5 ml – LS						non-PI CVC	CV
EU-N	non-PI CVC	Non-ECHO	•	Nitinol (Niti)	•		Standard: 5 ml – LS				Safety (only in Pediatric Sizes)	only in Pediatric Sizes	non-PI CVC	EU-N
CS-E	non-PI CVC	Non-ECHO	•	Stainless Steel (SS)	•	•	Arrow™ Raulerson Spring-Wire Introduction Syringe: 5ml	•	•				non-PI CVC	CS-E
EU-EN	non-PI CVC	Non-ECHO	•	Nitinol (Niti)	•		Arrow™ Raulerson Spring-Wire Introduction Syringe: 5ml	•					non-PI CVC	EU-EN
EU-CVT	non-PI CVC	ECHO	•	Stainless Steel (SS)	•	•	Standard: 5 ml – LS			•	non-Safety		non-PI CVC	EU-CVT

ES Configuration

REF.	CATHETER				SWG SIZE		PACKAGING UNIT PCS/BOX
	LUMEN	SIZE	LENGTH	LUMEN CONFIG	SWG SIZE	ECG MARKING	
ES-04306	1	16 Ga.	16 cm	16 Ga.	45 cm		10
ES-04301	1	16 Ga.	20 cm	16 Ga.	60 cm		10
ES-04401-EK	1	16 Ga.	30 cm	16 Ga.	68 cm	•	10
ES-04706	1	14 Ga.	16 cm	14 Ga.	45 cm		10
ES-04701	1	14 Ga.	20 cm	14 Ga.	60 cm	•	10
ES-04730-EK	1	14 Ga.	30 cm	14 Ga.	68 cm	•	10

CV Configuration

REF.	CATHETER				SWG SIZE		PACKAGING UNIT PCS/BOX
	LUMEN	SIZE	LENGTH	LUMEN CONFIG	SWG SIZE	ECG MARKING	
CV-04306	1	16 Ga.	16 cm	16 Ga.	45 cm		20
CV-04301	1	16 Ga.	20 cm	16 Ga.	60 cm	•	20
CV-04706	1	14 Ga.	16 cm	14 Ga.	45 cm		20
CV-04701	1	14 Ga.	20 cm	14 Ga.	60 cm	•	20
CV-12702	2	7 Fr.	16 cm	18/14 Ga.	45 cm		10
CV-17702	2	7 Fr.	20 cm	14/18 Ga.	60 cm	•	10
CV-14702	2	7 Fr.	30 cm	16/16 Ga.	68 cm	•	10
CV-15802	2	8 Fr.	20 cm	14/14 Ga.	60 cm	•	10
CV-12703	3	7 Fr.	16 cm	16/18/18 Ga.	45 cm		10
CV-15703	3	7 Fr.	20 cm	16/18/18 Ga.	60 cm	•	10
CV-14703	3	7 Fr.	30 cm	16/18/18 Ga.	68 cm	•	10
CV-12853	3	8.5 Fr.	16 cm	16/14/16 Ga.	45 cm		10
CV-10854	4	8.5 Fr.	11 cm	16/14/18/18 Ga.	60 cm		10
CV-12854	4	8.5 Fr.	16 cm	16/14/18/18 Ga.	60 cm		10
CV-15854	4	8.5 Fr.	20 cm	16/14/18/18 Ga.	60 cm	•	10
CV-12955	5	9.5 Fr.	16 cm	16/14/18/18/18 Ga.	60 cm		5
CV-15955	5	9.5 Fr.	20 cm	16/14/18/18/18 Ga.	60 cm	•	5

EU-N Configuration

REF.	CATHETER				SWG SIZE		PACKAGING UNIT PCS/BOX
	LUMEN	SIZE	LENGTH	LUMEN CONFIG	SWG SIZE	ECG MARKING	
EU-04306-N	1	16 Ga.	16 cm	16 Ga.	45 cm		5
EU-04301-N	1	16 Ga.	20 cm	16 Ga.	60 cm	•	5
EU-04706-N	1	14 Ga.	16 cm	14 Ga.	45 cm		5
EU-04701-N	1	14 Ga.	20 cm	14 Ga.	60 cm	•	5
EU-04730-N	1	14 Ga.	30 cm	14 Ga.	68 cm	•	5
EU-17702-N	2	7 Fr.	20 cm	14/18 Ga.	60 cm	•	5
EU-14702-N	2	7 Fr.	30 cm	16/16 Ga.	68 cm	•	5
EU-12802-N	2	8 Fr.	16 cm	14/14 Ga.	60 cm	•	5
EU-15802-N	2	8 Fr.	20 cm	14/14 Ga.	60 cm	•	5
EU-12703-N	3	7 Fr.	16 cm	16/18/18 Ga.	60 cm	•	5
EU-15703-N	3	7 Fr.	20 cm	16/18/18 Ga.	60 cm	•	5
EU-14703-N	3	7 Fr.	30 cm	16/18/18 Ga.	68 cm	•	5
EU-12853-N	3	8.5 Fr.	16 cm	16/14/16 Ga.	45 cm		5
EU-15853-N	3	8.5 Fr.	20 cm	16/14/16 Ga.	60 cm	•	5
EU-12854-N	4	8.5 Fr.	16 cm	16/14/18/18 Ga.	60 cm	•	5
EU-15955-N	5	9.5 Fr.	20 cm	16/14/18/18/18 Ga.	60 cm	•	5

CS-E Configuration

REF.	CATHETER				SWG SIZE		PACKAGING UNIT
	LUMEN	SIZE	LENGTH	LUMEN CONFIG	SWG SIZE	ECG MARKING	PCS/BOX
CS-12702-E	2	7Fr.	16cm	18/14Ga.	45cm		5
CS-17702-E	2	7Fr.	20cm	14/18Ga.	60cm	•	5
CS-12802	2	8Fr.	16cm	14/14Ga.	60cm	•	5
CS-15802-E	2	8Fr.	20cm	14/14Ga.	60cm	•	5
CS-12703-E	3	7Fr.	16cm	16/18/18Ga.	45cm		5
CS-15703-E	3	7Fr.	20cm	16/18/18Ga.	60cm	•	5
CS-14703-E	3	7Fr.	30cm	16/18/18Ga.	68cm	•	5
CS-12853-E	3	8.5Fr.	16cm	16/14/16Ga.	45cm		5
CS-15853-E	3	8.5Fr.	20cm	16/14/16Ga.	60cm	•	5
CS-12854-E	4	8.5Fr.	16cm	16/14/18/18Ga.	45cm		5
CS-15854-E	4	8.5Fr.	20cm	16/14/18/18Ga.	60cm	•	5
CS-14854-E	4	8.5Fr.	30cm	16/14/18/18Ga.	68cm	•	5

CS-12854-E, CS-1584-E, CS-14854-E + 1 x 5 ml LS

EU-EN Configuration



REF.	CATHETER				SWG SIZE		PACKAGING UNIT
	LUMEN	SIZE	LENGTH	LUMEN CONFIG	SWG SIZE	ECG MARKING	PCS/BOX
EU-12702-EN	2	7Fr.	16cm	18/14Ga.	45cm		5
EU-15854-EN	4	8.5Fr.	20cm	16/14/18/18Ga.	60cm	•	5
EU-14854-EN	4	8.5Fr.	30cm	16/14/18/1 Ga. 8	68cm	•	5

EU-CVT Configuration

REF.	CATHETER				SWG SIZE		PACKAGING UNIT
	LUMEN	SIZE	LENGTH	LUMEN CONFIG	SWG SIZE	ECG MARKING	PCS/BOX
EU-04701-CVT	1	14Ga.	20cm	14Ga.	60cm	•	10
EU-04730-CVT	1	14Ga.	30cm	14Ga.	68cm	•	10
EU-04301-CVT	1	16Ga.	20cm	16Ga.	60cm	•	10
EU-17702-CVT	2	7Fr.	20cm	14/18Ga.	60cm	•	10
EU-14702-CVT	2	7Fr.	30cm	16/16Ga.	68cm	•	10
EU-15802-CVT	2	8Fr.	20cm	14/14Ga.	60cm	•	10
EU-15703-CVT	3	7Fr.	20cm	16/18/18Ga.	60cm	•	10
EU-14703-CVT	3	7Fr.	30cm	16/18/18Ga.	68cm	•	10
EU-15853-CVT	3	8.5Fr.	20cm	16/14/16Ga.	60cm	•	10
EU-15854-CVT	4	8.5Fr.	20cm	16/14/18/18Ga.	60cm	•	10
EU-14854-CVT	4	8.5Fr.	30cm	16/14/18/18Ga.	68cm	•	5
EU-12955-CVT	5	9.5Fr.	16cm	16/14/18/18/18Ga.	45cm		5
EU-15955-CVT	5	9.5Fr.	20cm	16/14/18/18/18Ga.	60cm	•	5
EU-14955-CVT	5	9.5Fr.	30cm	16/14/18/20/18Ga.	68cm	•	5

Priming Volume and Flowrate Information

CROSS SECTION	LUMEN	SIZE	LENGTH	CATH TYPE	LUMEN	DISTAL	MEDIAL 1	MEDIAL 2	MEDIAL 3	PROXIMAL
	1	5Fr.	20cm	PUR	Size	16 Ga.				
					Priming volume	0.4 ml				
					ISO 10555 Flow Rate	2498 ml/h				
	1	14Ga.	20cm	PUR	Size	14 Ga.				
					Priming volume	0.6 ml				
					ISO 10555 Flow Rate	5710 ml/h				
	1	14Ga.	30cm	PUR	Size	14 Ga.				
					Priming volume	0.72 ml				
					ISO 10555 Flow Rate	5619 ml/h				
	2	7Fr.	16cm	PUR	Size	18 Ga.				14 Ga.
					Priming volume	0.34 ml				0.51 ml
					ISO 10555 Flow Rate	1220 ml/h				4548 ml/h
	2	7Fr.	20cm	PUR	Size	14 Ga.				18 Ga.
					Priming volume	0.60 ml				0.43 ml
					ISO 10555 Flow Rate	5337 ml/h				1453 ml/h
	2	7Fr.	30cm	PUR	Ga. Size	16 Ga.				16 Ga.
					Priming volume	0.57 ml				0.62 ml
					ISO 10555 Flow Rate	1917 ml/h				2000 ml/h
	2	8Fr.	16cm	PUR	Size	14 Ga.				14 Ga.
					Priming volume	0.66 ml				0.71 ml
					ISO 10555 Flow Rate	5279 ml/h				4764 ml/h
	2	8Fr.	20cm	PUR	Size	14 Ga.				14 Ga.
					Priming volume	0.74 ml				0.81 ml
					ISO 10555 Flow Rate	5354 ml/h				4324 ml/h
	3	7Fr.	16cm	PUR	Size	16 Ga.	18 Ga.			18 Ga.
					Priming volume	0.4 ml	0.4 ml			0.4 ml
					ISO 10555 Flow Rate	2947 ml/h	1552 ml/h			1702 ml/h
	3	7Fr.	20cm	PUR	Size	16 Ga.	18 Ga.			18 Ga.
					Priming volume	0.47 ml	0.40 ml			0.42 ml
					ISO 10555 Flow Rate	2656 ml/h	1245 ml/h			1328 ml/h
	3	7Fr.	30cm	PUR	Size	16 Ga.	18 Ga.			18 Ga.
					Priming volume	0.54 ml	0.45 ml			0.48 ml
					ISO 10555 Flow Rate	2025 ml/h	896 ml/h			955 ml/h
	3	8.5Fr.	16cm	PUR	Size	16 Ga.	14 Ga.			16 Ga.
					Priming volume	0.41 ml	0.81 ml			0.44 ml
					ISO 10555 Flow Rate	3137 ml/h	7038 ml/h			3021 ml/h
	3	8.5Fr.	20cm	PUR	Size	16 Ga.	14 Ga.			16 Ga.
					Priming volume	0.47 ml	0.89 ml			0.47 ml
					ISO 10555 Flow Rate	2930 ml/h	6267 ml/h			2731 ml/h

CROSS SECTION	LUMEN	SIZE	LENGTH	CATH TYPE	LUMEN	DISTAL	MEDIAL 1	MEDIAL 2	MEDIAL 3	PROXIMAL
	4	8.5 Fr.	11 cm	PUR	Size	16 Ga.	14 Ga.	18 Ga.		18 Ga.
					Priming volume	0.37 ml	0.43 ml	0.35 ml		0.38 ml
					ISO 10555 Flow Rate	3112 ml/h	5242 ml/h	1567 ml/h		1727 ml/h
	4	8.5 Fr.	16 cm	PUR	Size	16 Ga.	14 Ga.	18 Ga.		18 Ga.
					Priming volume	0.50 ml	0.60 ml	0.40 ml		0.40 ml
					ISO 10555 Flow Rate	2756 ml/h	5038 ml/h	1386 ml/h		1511 ml/h
	4	8.5 Fr.	20 cm	PUR	Size	16 Ga.	14 Ga.	18 Ga.		18 Ga.
					Priming volume	0.5 ml	0.6 ml	0.4 ml		0.4 ml
					ISO 10555 Flow Rate	2399 ml/h	4200 ml/h	1104 ml/h		1204 ml/h
	4	8.5 Fr.	30 cm	PUR	Size	16 Ga.	14 Ga.	18 Ga.		18 Ga.
					Priming volume	0.51 ml	0.62 ml	0.41 ml		0.44 ml
					ISO 10555 Flow Rate	1826 ml/h	3303 ml/h	830 ml/h		863 ml/h
	5	9.5 Fr.	16 cm	PUR	Size	16 Ga.	14 Ga.	18 Ga.	18 Ga.	18 Ga.
					Priming volume	0.43 ml	0.47 ml	0.35 ml	0.35 ml	0.39 ml
					ISO 10555 Flow Rate	3486 ml/h	5362 ml/h	1270 ml/h	1237 ml/h	1320 ml/h
	5	9.5 Fr.	20 cm	PUR	Size	16 Ga.	14 Ga.	18 Ga.	18 Ga.	18 Ga.
					Priming volume	0.48 ml	0.57 ml	0.38 ml	0.38 ml	0.41 ml
					ISO 10555 Flow Rate	2988 ml/h	4474 ml/h	1038 ml/h	963 ml/h	1204 ml/h
	5	9.5 Fr.	30 cm	PUR	Size	16 Ga.	14 Ga.	18 Ga.	20 Ga.	18 Ga.
					Priming volume	0.58 ml	0.69 ml	0.43 ml	0.43 ml	0.48 ml
					ISO 10555 Flow Rate	2689 ml/h	4100 ml/h	86 ml/h 3	640 ml/h	921 ml/h

To download
Instructions for
Use go to



Small Bore: Sizes 22 Ga to 5.5 Fr.



CONFIGURATION	CATHETER TYPE	INTRODUCER NEEDLE	DILATOR	SPRING WIRE GUIDE (J-TIP/STRAIGHT) WITH ARROW™ ADVANCER – MATERIAL	SECONDSITE™ ADJUSTABLE HUB: CATHETER CLAMP AND FASTENER	NON-VENTED DUST CAP	TYPE OF SYRINGE	CATHETER OVER NEEDLE	SCALPEL	SHARPSAWAY	CATHETER TYPE	CONFIGURATION
FIGURE	1	2	3	4	5	6	7	8	9	10	1	
ES (1-Lumen only)	non-PI CVC	Non-ECHO	standard	Stainless Steel (SS)	•	(not in 1-Lumen)	Standard: 5 ml – LS				non-PI CVC	ES (1-Lumen only)
CS	non-PI CVC	Non-ECHO	standard	Stainless Steel (SS)	•	(not in 1-Lumen)	Standard: 5 ml – LS	•			non-PI CVC	CS
EU-N	non-PI CVC	Non-ECHO	standard	Nitinol (Niti)	•		Standard: 5 ml – LS	not for 1-Lumen	Safety	•	non-PI CVC	EU-N

ES Configuration

REF.	CATHETER				INTRODUCER NEEDLE SIZE	SWG SIZE	PACKAGING UNIT PCS/BOX
	LUMEN	SIZE	LENGTH	LUMEN CONFIG			
ES-04522	1	22 Ga.	10 cm	22 Ga.	21 Ga. × 3.81 cm	35 cm	10
ES-04150 ¹	1	20 Ga.	12 cm	20 Ga.	20 Ga. × 5.08 cm	35 cm	10
ES-04218	1	18 Ga.	20 cm	18 Ga.	18 Ga. × 6.35 cm	45 cm	10
ES-14402 ¹	2	4 Fr.	13 cm	22/22 Ga.	22 Ga. × 2.67 cm	45 cm	5

¹contains 3 ml LS Syringe

CS Configuration





REF.	CATHETER				INTRODUCER NEEDLE SIZE	CATHETER OVER NEEDLE SIZE	SWG SIZE	PACKAGING UNIT PCS/BOX
	LUMEN	SIZE	LENGTH	LUMEN CONFIG				
CS-12402	2	4 Fr.	5 cm	22/22 Ga.	21 Ga. × 3.81 cm	22 Ga. × 4.45 cm / 25 Ga.	45 cm	5
CS-15402-E	2	4 Fr.	8 cm	22/22 Ga.	21 Ga. × 3.81 cm	22 Ga. × 4.45 cm / 25 Ga.	45 cm	5
CS-14402	2	4 Fr.	13 cm	22/22 Ga.	21 Ga. × 3.81 cm	22 Ga. × 4.45 cm / 25 Ga.	45 cm	5
CS-16402	2	5 Fr.	30 cm	22/22 Ga.	21 Ga. × 3.81 cm	22 Ga. × 4.45 cm / 25 Ga.	68 cm	5
CS-14502	2	5 Fr.	13 cm	18/20 Ga.	20 Ga. × 3.81 cm	22 Ga. × 4.45 cm / 25 Ga.	45 cm	5
CS-15403	3	4 Fr.	8 cm	20/23/23 Ga.	21 Ga. × 3.81 cm	22 Ga. × 4.45 cm / 25 Ga.	45 cm	5
CS-14403	3	4 Fr.	13 cm	20/23/23 Ga.	21 Ga. × 3.81 cm	22 Ga. × 4.45 cm / 25 Ga.	45 cm	5
CS-12553-J	3	5.5 Fr.	5 cm	20/22/22 Ga.	21 Ga. × 3.81 cm	22 Ga. × 4.45 cm / 25 Ga.	45 cm	5
CS-15553-E	3	5.5 Fr.	8 cm	20/22/22 Ga.	21 Ga. × 3.81 cm	22 Ga. × 4.45 cm / 25 Ga.	45 cm	5
CV-15553	3	5.5 Fr.	8 cm	20/22/22 Ga.	21 Ga. × 3.81 cm		45 cm	10
CS-16553-E	3	5.5 Fr.	13 cm	20/22/22 Ga.	21 Ga. × 3.81 cm	22 Ga. × 4.45 cm / 25 Ga.	45 cm	5
CS-14553	3	5.5 Fr.	30 cm	20/22/22 Ga.	21 Ga. × 3.81 cm	22 Ga. × 4.45 cm / 25 Ga.	68 cm	5

EU-N Configuration

REF.	CATHETER				INTRODUCER NEEDLE SIZE	CATHETER OVER NEEDLE SIZE	SWG SIZE	PACKAGING UNIT PCS/BOX
	LUMEN	SIZE	LENGTH	LUMEN CONFIG				
EU-04522-N	1	22 Ga.	10 cm	22 Ga.	20 Ga. × 4 cm		35 cm	5
EU-04150-N	1	20 Ga.	12 cm	20 Ga.	20 Ga. × 4 cm		35 cm	5
EU-04218-N	1	18 Ga.	20 cm	18 Ga.	18 Ga. × 7 cm		45 cm	5
EU-12402-N	2	4 Fr.	5 cm	22/22 Ga.	20 Ga. × 4 cm	22 Ga. × 4.45 cm / 25 Ga.	45 cm	5
EU-15402-N	2	4 Fr.	8 cm	22/22 Ga.	20 Ga. × 4 cm	22 Ga. × 4.45 cm / 25 Ga.	45 cm	5
EU-14402-N	2	4 Fr.	13 cm	22/22 Ga.	20 Ga. × 4 cm	22 Ga. × 4.45 cm / 25 Ga.	45 cm	5
EU-16402-N	2	4 Fr.	30 cm	22/22 Ga.	20 Ga. × 4 cm	22 Ga. × 4.45 cm / 25 Ga.	68 cm (1)	5
EU-14502-N	2	5 Fr.	13 cm	18/20 Ga.	20 Ga. × 4 cm	22 Ga. × 4.45 cm / 25 Ga.	45 cm	5
EU-15403-N	3	4 Fr.	8 cm	20/23/23 Ga.	20 Ga. × 4 cm	22 Ga. × 4.45 cm / 25 Ga.	45 cm	5
EU-14403-N	3	4 Fr.	13 cm	20/23/23 Ga.	20 Ga. × 4 cm	22 Ga. × 4.45 cm / 25 Ga.	45 cm	5
EU-15553-N	3	5.5 Fr.	8 cm	20/22/22 Ga.	20 Ga. × 4 cm	22 Ga. × 4.45 cm / 25 Ga.	45 cm	5
EU-16553-N	3	5.5 Fr.	11 cm	20/22/22 Ga.	20 Ga. × 4 cm	22 Ga. × 4.45 cm / 25 Ga.	45 cm	5
EU-14553-N	3	5.5 Fr.	30 cm	20/22/22 Ga.	20 Ga. × 4 cm	22 Ga. × 4.45 cm / 25 Ga.	68 cm (1)	5

Nitinol SWG are designed with smaller J-Tip radius 68 cm (1) ECG Marking

Priming Volume and Flowrate Information

CROSS SECTION	LUMEN	SIZE	LENGTH	CATH TYPE	LUMEN	DISTAL	MEDIAL	PROXIMAL
	1	22 Ga.	10 cm	PUR	Size	22 Ga.		
					Priming volume	0.20 ml		
					ISO 10555 Flow Rate	568 ml/h		
	1	20 Ga.	12 cm	PUR	Size	20 Ga.		
					Priming volume	0.1 ml		
					ISO 10555 Flow Rate	1531 ml/h		
	1	18 Ga.	20 cm	PUR	Size	18 Ga.		
					Priming volume	0.21 ml		
					ISO 10555 Flow Rate	2025 ml/h		
	2	4 Fr.	5 cm	PUR	Size	22 Ga.		22 Ga.
					Priming volume	0.24 ml		0.29 ml
					ISO 10555 Flow Rate	614 ml/h		607 ml/h
	2	4 Fr.	8 cm	PUR	Size	22 Ga.		22 Ga.
					Priming volume	0.28 ml		0.32 ml
					ISO 10555 Flow Rate	548 ml/h		880 ml/h
	2	4 Fr.	13 cm	PUR	Size	22 Ga.		22 Ga.
					Priming volume	0.27 ml		0.31 ml
					ISO 10555 Flow Rate	363 ml/h		277 ml/h
	2	5 Fr.	13 cm	PUR	Size	18 Ga.		20 Ga.
					Priming volume	0.3 ml		0.3 ml
					ISO 10555 Flow Rate	1245 ml/h		502 ml/h
	3	4 Fr.	8 cm	PUR	Size	20 Ga.	23 Ga.	23 Ga.
					Priming volume	0.28 ml	0.30 ml	0.34 ml
					ISO 10555 Flow Rate	601 ml/h	106 ml/h	119 ml/h
	3	4 Fr.	13 cm	PUR	Size	20 Ga.	23 Ga.	23 Ga.
					Priming volume	0.30 ml	0.31 ml	0.34 ml
					ISO 10555 Flow Rate	482 ml/h	86 ml/h	99 ml/h
	3	5.5 Fr.	5 cm	PUR	Size	20 Ga.	22 Ga.	22 Ga.
					Priming volume	0.37 ml	0.30 ml	0.33 ml
					ISO 10555 Flow Rate	1660 ml/h	1162 ml/h	1162 ml/h
	3	5.5 Fr.	8 cm	PUR	Size	20 Ga.	22 Ga.	22 Ga.
					Priming volume	0.29 ml	0.31 ml	0.34 ml
					ISO 10555 Flow Rate	1253 ml/h	601 ml/h	872 ml/h
	3	5.5 Fr.	13 cm	PUR	Size	20 Ga.	22 Ga.	22 Ga.
					Priming volume	0.32 ml	0.38 ml	0.34 ml
					ISO 10555 Flow Rate	988 ml/h	370 ml/h	422 ml/h
3	5.5 Fr.	30 cm	PUR	Size	20 Ga.	22 Ga.	22 Ga.	
				Priming volume	0.39 ml	0.38 ml	0.41 ml	
				ISO 10555 Flow Rate	244 ml/h	211 ml/h	211 ml/h	

To download
Instructions for
Use go to



Large Bore: Size 12 Fr.



CONFIGURATION	CATHETER TYPE	INTRODUCER NEEDLE: 18 GA. x 6.35 CM XTW	DILATOR	SPRING WIRE GUIDE (J-TIP/STRAIGHT) WITH ARROW™ ADVANCER – MATERIAL	NON-VENTED DUST CAP	TYPE OF SYRINGE	PRESSURE TRANSDUCTION PROBE 20 GA. x 3.81 CM	CATHETER OVER NEEDLE 18 GA. x 2½ (6.35 CM) CATH / 20 GA RW NDL	SCALPEL	NON-FENESTRATED DRAPE	CATHETER TYPE	CONFIGURATION
FIGURE	1	2	3	4	5	6	7	8	9	10	1	
CV-F	straight	Non-ECHO	standard	Stainless Steel (SS)	•	Standard: 5 ml – LS					straight	CV-F
CS-F	straight	Non-ECHO	standard	Stainless Steel (SS)	•	Arrow™ Raulerson Spring-Wire Introduction Syringe: 5 ml	•	•	•	•	straight	CS-E/-F

CV-F Configuration

REF.	CATHETER				SWG SIZE	PACKAGING UNIT
	LUMEN	SIZE	LENGTH	LUMEN CONFIG		
CV-12123-F	3	12 Fr.	16 cm	16/12/12 Ga.	60 cm	5
CV-15123-F	3	12 Fr.	20 cm	16/12/12 Ga.	68 cm	5

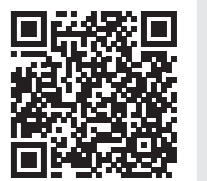
CS-F Configuration

REF.	CATHETER				SWG SIZE	PACKAGING UNIT
	LUMEN	SIZE	LENGTH	LUMEN CONFIG		
CS-12123-F	3	12 Fr.	16 cm	16/12/12 Ga.	60 cm	5
CS-15123-F	3	12 Fr.	20 cm	16/12/12 Ga.	68 cm	5
CS-16123-F	3	12 Fr.	25 cm	16/12/12 Ga.	68 cm	5

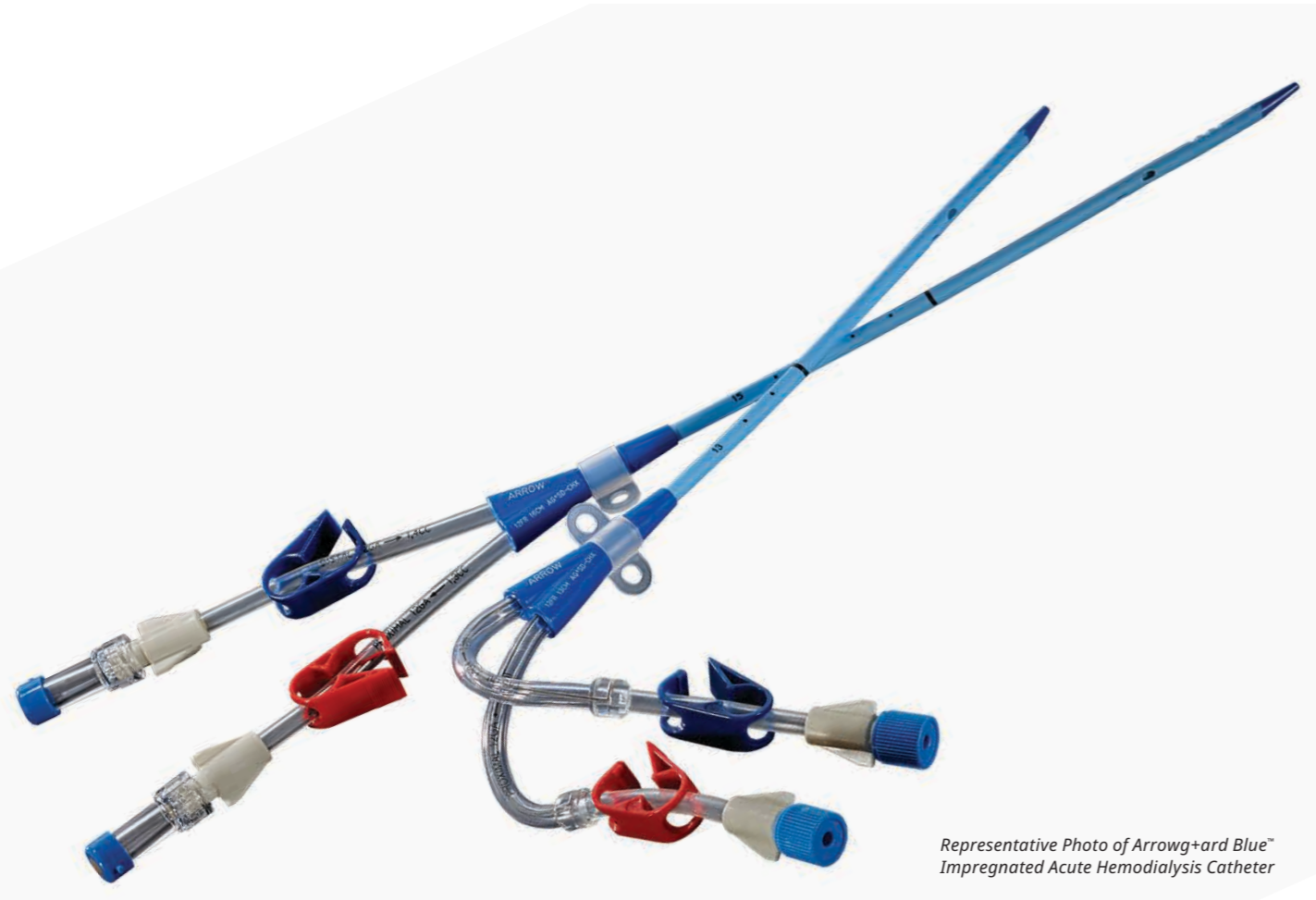
Priming Volume and Flowrate Information

CROSS SECTION	LUMEN	SIZE	LENGTH	CATH TYPE	LUMEN	DISTAL	MEDIAL	PROXIMAL
	3	12 Fr.	16 cm	PUR	Size	16 Ga.	12 Ga.	12 Ga.
					Priming volume	0.4 ml	1.4 ml	1.3 ml
					Flow Rate	2855 ml/min	10765 ml/min	11686 ml/min
	3	12 Fr.	20 cm	PUR	Size	16 Ga.	12 Ga.	12 Ga.
					Priming volume	0.4 ml	1.6 ml	1.5 ml
					Flow Rate	2224 ml/min	10616 ml/min	12168 ml/min
3	12 Fr.	25 cm	PUR	Size	16 Ga.	12 Ga.	12 Ga.	
				Priming volume	0.41 ml	1.5 ml	1.5 ml	
				Flow Rate	2200 ml/min	9288 ml/min	10292 ml/min	

To download Instructions for Use go to



Arrowg+ard Blue™ Hemodialysis Catheter



Intended Purpose

The Arrow™ Two-Lumen Hemodialysis Catheter is intended to provide short-term (<30 days) vascular access for temporary hemodialysis, apheresis, hemofiltration and rapid fluid administration. The Arrowg+ard technology is intended to provide protection against catheter-related bloodstream infections.

Indications for Use

The large-bore two-lumen catheter permits venous access to the central circulation for rapid fluid administration, temporary or acute hemodialysis, apheresis and hemofiltration. It may be inserted into the jugular, subclavian, or femoral veins. The Arrowg+ard Blue™ antimicrobial surface catheter is intended to help provide protection against catheter-related infections. The catheter is not intended to be used as a treatment for existing infections, nor is it indicated for long-term (≥ 30 days) use.

Acute Large Bore: Sizes 12 to 14Fr.



CONFIGURATION	CATHETER TYPE	INTRODUCER NEEDLE: 18 GA. × 6.35 CM XTW	DILATOR	SPRING WIRE GUIDE (J-TIP/STRAIGHT) WITH ARROW™ ADVANCER – MATERIAL	NON-VENTED DUST CAP	TYPE OF SYRINGE	PRESSURE TRANSDUCTION PROBE 20 GA. × 3.81 CM	CATHETER OVER NEEDLE 18 GA. × 2½ (6.35 CM) CATH/20 GA. RW NDL	SCALPEL	NON-FENESTRATED DRAPE	CATHETER TYPE	CONFIGURATION
FIGURE	1	2	3	4	5	6	7	8	9	10	1	
CS-F	straight	Non-ECHO	standard	Stainless Steel (SS)	•	Arrow™ Raulerson Spring-Wire Introduction Syringe: 5 ml	•	•	•	•	straight	CS-E-F
CS-CF	curved	Non-ECHO	standard	Stainless Steel (SS)	•	Arrow™ Raulerson Spring-Wire Introduction Syringe: 5 ml	•	•	•	•	curved	CS-CF
CU-F MRI conditional	straight – You-Bend™	Non-ECHO	standard	Stainless Steel (SS)	•	Arrow™ Raulerson Spring-Wire Introduction Syringe: 5 ml	•	•	•	•	straight – You-Bend™	CU-F MRI conditional

CS-F Configuration

REF.	CATHETER				SWG SIZE	PACKAGING UNIT PCS/BOX
	LUMEN	SIZE	LENGTH	LUMEN CONFIG		
CS-22122-F	2	12Fr.	16cm	12/12 Ga.	60cm	5
CS-25122-F	2	12Fr.	20cm	12/12 Ga.	60cm	5
CS-26122-F	2	12Fr.	25cm	12/12 Ga.	68cm	5
CS-22142-F	2	14Fr.	15cm	10/10 Ga.	70cm	5
CS-25142-F	2	14Fr.	20cm	10/10 Ga.	70cm	5
CS-26142-F	2	14Fr.	25cm	10/10 Ga.	70cm	5

Priming Volume and Flowrate Information



CROSS SECTION	LUMEN	SIZE	LENGTH	CATH TYPE	LUMEN	DISTAL		PROXIMAL						
						12 Ga.	12 Ga.	12 Ga.	12 Ga.					
2	2	12 Fr.	16 cm	A+g	Size	12 Ga.	12 Ga.	12 Ga.	12 Ga.					
										Priming volume	1.4 ml	1.3 ml		
										Flow Rate	220 ml/min	370 ml/min	220 ml/min	370 ml/min
										Venous Pressure Setting ^{††}	100 mmHg	200 mmHg	100 mmHg	200 mmHg
2	2	12 Fr.	20 cm	A+g	Size	12 Ga.	12 Ga.	12 Ga.	12 Ga.					
										Priming volume	1.6 ml	1.5 ml		
										Flow Rate	200 ml/min	340 ml/min	200 ml/min	340 ml/min
										Venous Pressure Setting ^{††}	100 mmHg	200 mmHg	100 mmHg	200 mmHg
2	2	12 Fr.	25 cm	A+g	Size	12 Ga.	12 Ga.	12 Ga.	12 Ga.					
										Priming volume	1.8 ml	1.7 ml		
										Flow Rate	170 ml/min	300 ml/min	170 ml/min	300 ml/min
										Venous Pressure Setting ^{††}	100 mmHg	200 mmHg	100 mmHg	200 mmHg
2	2	14 Fr.	15 cm	A+g	Size	10 Ga.	10 Ga.	10 Ga.	10 Ga.					
										Priming volume	1.4 ml	1.2 ml		
										Flow Rate	250 ml/min	400 ml/min	250 ml/min	400 ml/min
										Venous Pressure Setting ^{††}	70 mmHg	100 mmHg	70 mmHg	150 mmHg
2	2	14 Fr.	20 cm	A+g	Size	10 Ga.	10 Ga.	10 Ga.	10 Ga.					
										Priming volume	1.7 ml	1.5 ml		
										Flow Rate	250 ml/min	400 ml/min	250 ml/min	400 ml/min
										Venous Pressure Setting ^{††}	100 mmHg	170 mmHg	120 mmHg	190 mmHg
2	2	14 Fr.	25 cm	A+g	Size	10 Ga.	10 Ga.	10 Ga.	10 Ga.					
										Priming volume	1.9 ml	1.5 ml		
										Flow Rate	250 ml/min	400 ml/min	250 ml/min	400 ml/min
										Venous Pressure Setting ^{††}	110 mmHg	180 mmHg	140 mmHg	200 mmHg



CS-CF Configuration

REF.	CATHETER				SWG SIZE	PACKAGING UNIT PCS/BOX
	LUMEN	SIZE	LENGTH	LUMEN CONFIG		
CS-22142-CF	2	14 Fr.	15 cm	10/10 Ga.	70 cm	5
CS-25142-CF	2	14 Fr.	20 cm	10/10 Ga.	70 cm	5




Priming Volume and Flowrate Information

CROSS SECTION	LUMEN	SIZE	LENGTH	CATH TYPE		DISTAL		PROXIMAL	
				A+g	Size	LUMEN		LUMEN	
	2	14 Fr.	15 cm	A+g	Size	10 Ga.		10 Ga.	
				Priming volume		1.6 ml		1.4 ml	
				Flow Rate		250 ml/min	400 ml/min	250 ml/min	400 ml/min
				Venous Pressure Setting ^{††}		70 mmHg	100 mmHg	70 mmHg	150 mmHg
	2	14 Fr.	20 cm	A+g	Size	10 Ga.		10 Ga.	
				Priming volume		2.1 ml		1.8 ml	
				Flow Rate		250 ml/min	400 ml/min	250 ml/min	400 ml/min
				Venous Pressure Setting ^{††}		100 mmHg	180 mmHg	130 mmHg	200 mmHg

CU-F Configuration

REF.	CATHETER				SWG SIZE	PACKAGING UNIT PCS/BOX
	LUMEN	SIZE	LENGTH	LUMEN CONFIG		
CU-23122-F	2	12 Fr.	13 cm	12/12 Ga.	60 cm	5
CU-22122-F	2	12 Fr.	16 cm	12/12 Ga.	60 cm	5
CU-25122-F	2	12 Fr.	20 cm	12/12 Ga.	68 cm	5

Priming Volume and Flowrate Information

CROSS SECTION	LUMEN	SIZE	LENGTH	CATH TYPE		DISTAL		PROXIMAL	
				A+g	Size	LUMEN		LUMEN	
	2	12 Fr.	13 cm	A+g	Size	12 Ga.		12 Ga.	
				Priming volume		1.5 ml		1.4 ml	
				Flow Rate		230 ml/min	400 ml/min	230 ml/min	400 ml/min
				Venous Pressure Setting ^{††}		100 mmHg	200 mmHg	100 mmHg	200 mmHg
	2	12 Fr.	16 cm	A+g	Size	12 Ga.		12 Ga.	
				Priming volume		1.6 ml		1.5 ml	
				Flow Rate		220 ml/min	370 ml/min	220 ml/min	370 ml/min
				Venous Pressure Setting ^{††}		100 mmHg	200 mmHg	100 mmHg	200 mmHg
	2	12 Fr.	20 cm	A+g	Size	12 Ga.		12 Ga.	
				Priming volume		1.8 ml		1.7 ml	
				Flow Rate		200 ml/min	340 ml/min	200 ml/min	340 ml/min
				Venous Pressure Setting ^{††}		100 mmHg	200 mmHg	100 mmHg	200 mmHg

To download
Instructions for
Use go to



Arrow™ Hemodialysis Catheter



Representative Photo of non-Impregnated
Acute Hemodialysis Catheter

Intended Purpose

The Arrow™ Two-Lumen Hemodialysis Catheter is intended to provide short-term (<30 days) vascular access for temporary hemodialysis, apheresis, hemofiltration and rapid fluid administration.

Contraindications

The large-bore two-lumen catheter is not designed for long-term (≥ 30 days) hemodialysis or for use in patients with thrombosed vessels

Acute Large Bore: Sizes 12 to 14Fr.



CONFIGURATION	CATHETER TYPE	INTRODUCER NEEDLE: 18 GA. x 6.35 CM XTW	DILATOR	SPRING WIRE GUIDE (J-TIP/STRAIGHT) WITH ARROW™ ADVANCER – MATERIAL	NON-VENTED DUST CAP	TYPE OF SYRINGE	PRESSURE TRANSDUCTION PROBE 20 GA. x 3.81 CM	CATHETER OVER NEEDLE 18 GA. x 2½ (6.35 CM) CATH/20 GA. RW NDL	SCALPEL	NON-FENESTRATED DRAPE	CATHETER TYPE	CONFIGURATION
FIGURE	1	2	3	4	5	6	7	8	9	10	1	
CV-F	straight	Non-ECHO	standard	Stainless Steel (SS)	•	Standard: 5 ml – LS					straight	CV-F
CS-E/-F	straight	Non-ECHO	standard	Stainless Steel (SS)	•	Arrow™ Raulerson Spring-Wire Introduction Syringe: 5 ml	•	•	•	•	straight	CS-E/-F
CS-CF	curved	Non-ECHO	standard	Stainless Steel (SS)	•	Arrow™ Raulerson Spring-Wire Introduction Syringe: 5 ml	•	•	•	•	curved	CS-CF
CU-F MRI conditional	straight – You-Bend™	Non-ECHO	standard	Stainless Steel (SS)	•	Arrow™ Raulerson Spring-Wire Introduction Syringe: 5 ml	•	•	•	•	straight – You-Bend™	CU-F MRI conditional
CV-UF MRI Conditional	straight – You-Bend™	Non-ECHO	standard	Stainless Steel (SS)	•	Standard: 5 ml – LS					straight – You-Bend™	CV-UF MRI Conditional

CV-F Configuration

REF.	CATHETER				SWG SIZE	PACKAGING UNIT	
	LUMEN	SIZE	LENGTH	LUMEN CONFIG		PCS/BOX	
CV-12122-F	2	12 Fr.	16 cm	12/12 Ga.	60 cm	5	
CV-15122-F	2	12 Fr.	20 cm	12/12 Ga.	68 cm	5	

CS-E/F Configuration

REF.	CATHETER				SWG SIZE	PACKAGING UNIT	
	LUMEN	SIZE	LENGTH	LUMEN CONFIG		PCS/BOX	
CS-12122-E	2	12 Fr.	16 cm	12/12 Ga.	60 cm	5	
CS-12122-F	2	12 Fr.	16 cm	12/12 Ga.	60 cm	5	
CS-15122-E	2	12 Fr.	20 cm	12/12 Ga.	68 cm	5	
CS-15122-F	2	12 Fr.	20 cm	12/12 Ga.	68 cm	5	
CS-12142-F	2	14 Fr.	15 cm	10/10 Ga.	70 cm	5	
CS-15142-F	2	14 Fr.	20 cm	10/10 Ga.	70 cm	5	

CS-CF Configuration

REF.	CATHETER				SWG SIZE	PACKAGING UNIT	
	LUMEN	SIZE	LENGTH	LUMEN CONFIG		PCS/BOX	
CS-12142-CF	2	14 Fr.	15 cm	10/10 Ga.	70 cm	5	
CS-15142-CF	2	14 Fr.	20 cm	10/10 Ga.	70 cm	5	

Priming Volume and Flowrate Information

CROSS SECTION	LUMEN	GA/FR SIZE	LENGTH	CATH TYPE	LUMEN			
					Size	Priming volume	Flow Rate	Venous Pressure Setting ^{††}
	2	14	15 cm	PUR	10 Ga.	1.6 ml	250 ml/min	90 mmHg
					10 Ga.	1.4 ml	400 ml/min	130 mmHg
					10 Ga.	1.8 ml	250 ml/min	110 mmHg
					10 Ga.	1.4 ml	400 ml/min	180 mmHg
	2	14	20 cm	PUR	10 Ga.	2.1 ml	250 ml/min	100 mmHg
					10 Ga.	1.8 ml	400 ml/min	180 mmHg
					10 Ga.	1.8 ml	250 ml/min	130 mmHg
					10 Ga.	1.8 ml	400 ml/min	200 mmHg

CV-UF Configuration

REF.	CATHETER				SWG SIZE	PACKAGING UNIT
	LUMEN	SIZE	LENGTH	LUMEN CONFIG		PCS/BOX
CV-13122-UF	2	12 Fr.	13 cm	12/12 Ga.	60 cm	5
CV-12122-UF	2	12 Fr.	16 cm	12/12 Ga.	60 cm	5
CV-15122-UF	2	12 Fr.	20 cm	12/12 Ga.	60 cm	5
CV-12142-UF	2	14 Fr.	15 cm	10/10 Ga.	70 cm	5
CV-15142-UF	2	14 Fr.	20 cm	10/10 Ga.	70 cm	5

Priming Volume and Flowrate Information

CROSS SECTION	LUMEN	GA/FR SIZE	LENGTH	CATH TYPE	LUMEN	DISTAL	PROXIMAL		
	2	12	13 cm	PUR	Size	12 Ga.	12 Ga.		
					Priming volume	1.5 ml	1.4 ml		
					Flow Rate	230 ml/min	400 ml/min	230 ml/min	400 ml/min
					Venous Pressure Setting**	100 mmHg	200 mmHg	100 mmHg	200 mmHg
	2	12	16 cm	PUR	Size	12 Ga.	12 Ga.		
					Priming volume	1.6 ml	1.5 ml		
					Flow Rate (ml/min)	220 ml/min	370 ml/min	220 ml/min	370 ml/min
					Venous Pressure Setting**	100 mmHg	200 mmHg	100 mmHg	200 mmHg
	2	12	20 cm	PUR	Size	12 Ga.	12 Ga.		
					Priming volume	1.8 ml	1.7 ml		
					Flow Rate (ml/min)	200 ml/min	340 ml/min	200 ml/min	340 ml/min
					Venous Pressure Setting**	100 mmHg	200 mmHg	100 mmHg	200 mmHg
	2	14	15 cm	PUR	Size	10 Ga.	10 Ga.		
					Priming volume	1.8 ml	1.7 ml		
					Flow Rate (ml/min)	250 ml/min	400 ml/min	250 ml/min	400 ml/min
					Venous Pressure Setting**	90 mmHg	140 mmHg	100 mmHg	160 mmHg
	2	14	20 cm	PUR	Size	10 Ga.	10 Ga.		
					Priming volume	2.1 ml	2.0 ml		
					Flow Rate (ml/min)	250 ml/min	400 ml/min	250 ml/min	400 ml/min
					Venous Pressure Setting**	100 mmHg	160 mmHg	100 mmHg	180 mmHg

To download Instructions for Use go to



Index

REF.	PAGE	REF.	PAGE	REF.	PAGE	REF.	PAGE	REF.	PAGE
EU-22702-HPS	6	CV-20854	12	CV-04306	22	EU-15854-EN	24	CV-15123-F	32
EU-47702-HPS	6	CS-22854-E	12	CV-04301	22	EU-14854-EN	24	CS-12123-F	32
EU-42802-HPS	6	CS-25854-E	12	CV-04706	22	EU-04701-CVT	24	CS-15123-F	32
EU-45802-HPS	6	CS-22855	12	CV-04701	22	EU-04730-CVT	24	CS-16123-F	32
EU-42703-HPS	6	CS-25855-E	12	CV-12702	22	EU-04301-CVT	24	CS-22122-F	36
EU-15703-HPS	6	EU-25802-N	13	CV-17702	22	EU-17702-CVT	24	CS-25122-F	36
EU-45703-HPS	6	EU-25853-N	13	CV-14702	22	EU-14702-CVT	24	CS-26122-F	36
EU-42854-HPS	6	EU-22854-N	13	CV-15802	22	EU-15802-CVT	24	CS-22142-F	36
EU-45854-HPS	6	EU-25855-N	13	CV-12703	22	EU-15703-CVT	24	CS-25142-F	36
EU-22702-HPSK	6	EU-24701-EN	13	CV-15703	22	EU-14703-CVT	24	CS-26142-F	36
EU-47702-HPSK	6	EU-22702-EN	13	CV-14703	22	EU-15853-CVT	24	CS-22142-CF	38
EU-42802-HPSK	6	EU-27702-EN	13	CV-12853	22	EU-15854-CVT	24	CS-25142-CF	38
EU-45802-HPSK	6	EU-22703-EN	13	CV-10854	22	EU-14854-CVT	24	CU-23122-F	39
EU-42703-HPSK	6	EU-25703-EN	13	CV-12854	22	EU-12955-CVT	24	CU-22122-F	39
EU-15703-HPSK	6	EU-25854-EN	13	CV-15854	22	EU-15955-CVT	24	CU-25122-F	39
EU-45703-HPSK	6	EU-22855-EN	13	CV-12955	22	EU-14955-CVT	24	CV-12122-F	42
EU-42854-HPSK	6	EU-24701-CVT	13	CV-15955	22	ES-04522	28	CV-15122-F	42
EU-45854-HPSK	6	EU-27702-CVT	13	EU-04306-N	23	ES-04150	28	CS-12122-E	42
EU-HPS	7	EU-25802-CVT	13	EU-04301-N	23	ES-04218	28	CS-12122-F	42
EU-HPS	7	EU-24802-CVT	13	EU-04706-N	23	ES-14402	28	CS-15122-E	42
EU-HPSK	7	EU-22703-CVT	13	EU-04701-N	23	CS-12402	28	CS-15122-F	42
EU-HPSK	7	EU-25703-CVT	13	EU-04730-N	23	CS-15402-E	28	CS-12142-F	42
EU-HPSKM	7	EU-24703-CVT	13	EU-17702-N	23	CS-14402	28	CS-15142-F	42
EU-HPSKM	7	EU-25853-CVT	13	EU-14702-N	23	CS-16402	28	CS-12142-CF	42
EU-22702-HPSKM	7	EU-25854-CVT	13	EU-12802-N	23	CS-14502	28	CS-15142-CF	42
EU-47702-HPSKM	7	EU-25855-CVT	13	EU-15802-N	23	CS-15403	28	CV-13122-UF	44
EU-42802-HPSKM	7	CS-25402	16	EU-12703-N	23	CS-14403	28	CV-12122-UF	44
EU-45802-HPSKM	7	CS-24402	16	EU-15703-N	23	CS-12553-J	28	CV-15122-UF	44
EU-42703-HPSKM	7	ES-24402	16	EU-14703-N	23	CS-15553-E	28	CV-12142-UF	44
EU-15703-HPSKM	7	CS-22502	16	EU-12853-N	23	CV-15553	28	CV-15142-UF	44
EU-45703-HPSKM	7	CS-25502	16	EU-15853-N	23	CS-16553-E	28		
EU-42854-HPSKM	7	CS-25553	16	EU-12854-N	23	CS-14553	28		
EU-45854-HPSKM	7	CS-26553	16	EU-15955-N	23	EU-04522-N	29		
CS-24306-E	12	EU-25402-N	16	CS-12702-E	24	EU-04150-N	29		
CS-24301-E	12	EU-24402-N	16	CS-17702-E	24	EU-04218-N	29		
CS-24706-E	12	EU-22502-N	16	CS-12802	24	EU-12402-N	29		
CS-24701-E	12	EU-25553-N	16	CS-15802-E	24	EU-15402-N	29		
CS-22702-E	12	EU-26553-N	16	CS-12703-E	24	EU-14402-N	29		
CS-27702-E	12	CS-22123-F	18	CS-15703-E	24	EU-16402-N	29		
CS-22802	12	CS-25123-F	18	CS-14703-E	24	EU-14502-N	29		
CS-25802-E	12	ES-04306	22	CS-12853-E	24	EU-15403-N	29		
CS-22703-E	12	ES-04301	22	CS-15853-E	24	EU-14403-N	29		
CS-25703-E	12	ES-04401-EK	22	CS-12854-E	24	EU-15553-N	29		
CS-24703-E	12	ES-04706	22	CS-15854-E	24	EU-16553-N	29		
CS-22853-E	12	ES-04701	22	CS-14854-E	24	EU-14553-N	29		
CS-25853-E	12	ES-04730-EK	22	EU-12702-EN	24	CV-12123-F	32		

About Teleflex

As a global provider of medical technologies, Teleflex is driven by our purpose to improve the health and quality of people's lives. Through our vision to become the most trusted partner in healthcare, we offer a diverse portfolio with solutions in the therapy areas of anesthesia, emergency medicine, interventional cardiology and radiology, surgical, vascular access, and urology. We believe that the potential of great people, purpose driven innovation, and world-class products can shape the future direction of healthcare.

Teleflex is the home of Arrow™, Barrigel™, Deknatel™, QuikClot™, LMA™, Pilling™, Rüschi™, UroLift™ and Weck™ – trusted brands united by a common sense of purpose.

At Teleflex, we are empowering the future of healthcare. For more information, please visit [teleflex.com](https://www.teleflex.com).

Corporate Office

Phone +1 610 225 6800, 550 E. Swedesford Road, Suite 400, Wayne, PA 19087, USA

Regional Offices

United States: Phone +1 919 544 8000, Toll Free 866 246 6990, cs@teleflex.com, 3015 Carrington Mill Boulevard, Morrisville, NC 27560, USA

Latin America: Phone +1 919 433 4999, la.cs@teleflex.com, 3015 Carrington Mill Boulevard, Morrisville, NC 27560, USA

International: Phone +353 (0)9 06 46 08 00, orders.intl@teleflex.com, Teleflex Medical Europe Ltd., IDA Business and Technology Park, Dublin Road, Athlone, Co Westmeath, Ireland

Rx only.

Contraindications: The Arrowg+ard Blue™ and Arrowg+ard Blue Plus™ Catheters are contraindicated for patients with known hypersensitivity to chlorhexidine and silver sulfadiazine and/or sulfa drugs.

Teleflex, the Teleflex logo, AGB+, Arrow, Arrowg+ard, Arrowg+ard Blue, Arrowg+ard Blue Plus, Blue FlexTip, GlideWheel, are trademarks or registered trademarks of Teleflex Incorporated or its affiliates, in the U.S. and/or other countries. All other marks are the properties of their respective owners. Statements made are in reference to Arrowg+ard Blue and Arrowg+ard Blue Plus Catheters only.

Information in this material is not a substitute for the product Instructions for Use. Not all products may be available in all countries. Please contact your local representative. Revised: 01/2025.

© 2025 Teleflex Incorporated. All rights reserved.

MCI-101940-EN · REV 0 · 01 25 PDF