

Diagnostic Catheters

SUPERTORQUE™ Diagnostic Catheters

TEMPO™ Diagnostic Catheters

TEMPO AQUA™ Diagnostic Catheters

Cordis has an extensive line of diagnostic catheters both for selective and flush applications. TEMPO™ and TEMPO AQUA™ Catheters have a Nylon body and the SUPERTORQUE™ Catheters line has a Polyurethane shaft.

Flush catheters are available: braided and non-braided, straight and pigtail versions, different lengths and French-sizes.

All the Cordis selective catheters have a unique braiding that provides excellent Torque control. TEMPO AQUA™ Diagnostic Catheter has a truly bonded hydrophilic coating, that enables a smooth passage through the vessel. All commonly used shapes are available in different French-sizes.

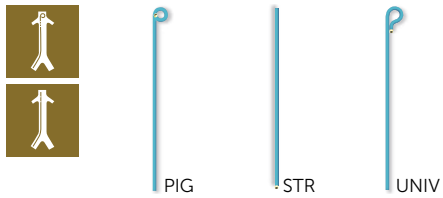


Diagnostic Catheters

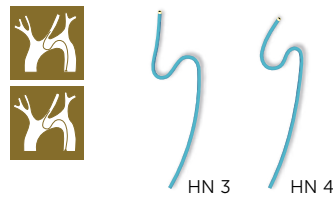
General information

	SUPER TORQUE™ 4F	SUPER TORQUE™ 5F	SUPER TORQUE™ 6F	TEMPO™ 4F	TEMPO™ 4F	TEMPO™ 5F	TEMPO™ 5F	TEMPO AQUA™ 4F	TEMPO AQUA™ 5F	SUPER TORQUE™ MB
	Flush/ Selective	Flush/ Selective	Flush/ Selective	Flush	Selective	Flush	Selective	Selective	Selective	Calibration Catheters
Pressure Limit (psi)	1200	1050	1200	1200	1200	1200	1200	1200	1200	1200
Guidewire Acceptance (.0XX")	.035"	.035"	.038"	.035"	.038"	.035"	.038"	.038"	0.38"	.038"

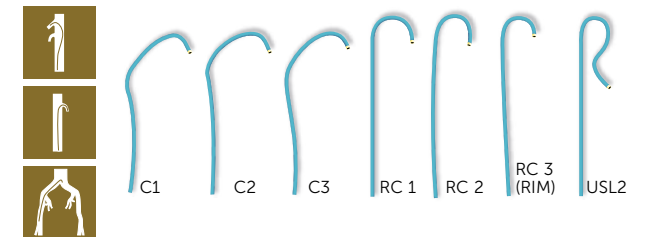
FLUSH CATHETERS



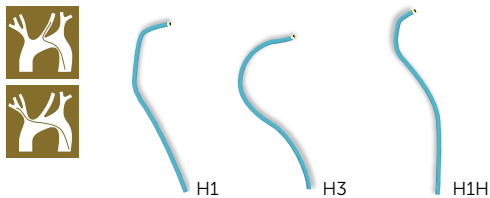
NEWTON



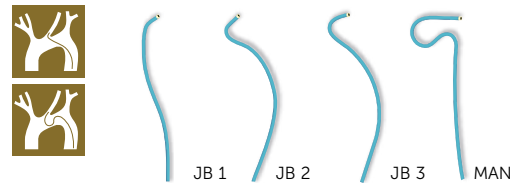
COBRA, J CURVE



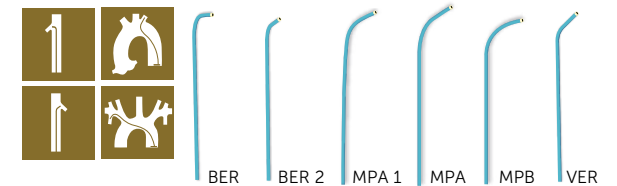
HEADHUNTER



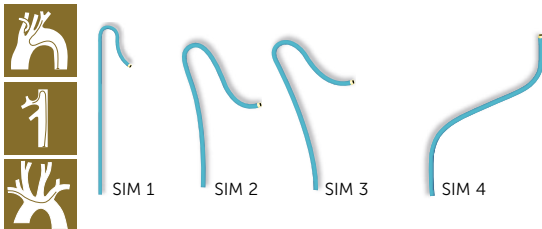
BENTSON, MANI



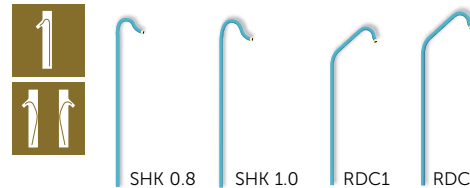
MULTIPURPOSE, VERTEBRAL



SIDEWINDER



SHEPHERD HOOK, RENALS



Diagnostic Catheters

Flush Catheters

Flow Rate Chart (ml/s)

FLUSH CATHETERS	Lengths (cm)	65	90	100	110
SUPERTORQUE™ 4F		20	17	16	15
SUPERTORQUE™ 5F		19	16	15	14
SUPERTORQUE™ 6F		33	29	28	26
TEMPO™ 4F		23	20	19	18
TEMPO™ 5F		31	27	25	24

Inner Diameter Specifications

	ID Body (inches)	ID Tip (inches)	Guidewire Acceptance (inches)
SUPERTORQUE™ 4F & 5F	.0395	.0395	.035
SUPERTORQUE™ 6F	.051	.0435*	.038
TEMPO™ 4F	.042	.042**	.035
TEMPO™ 5F	.048	.043	.035

* .042" for pigtail ** .038" or pigtail

Diagnostic Catheters

Flush Catheters

SUPERTORQUE™ 4F, 5F & 6F Diagnostic Catheters

- Braided Polyurethane body
- High flow rates
- 1200 psi pressure limit (4F -6F)
- 1050 psi pressure limit (5F)
- Sold by 5 units

TEMPO™ 4F & 5F Diagnostic Catheters

- Braided Nylon body
- Neon TIP (tungsten filled radiopaque tip)
- High flow rates
- 1200 psi pressure limit
- SLX™ Coating
- Sold by 5 units

Lengths (cm)	SUPERTORQUE™ 4F		SUPERTORQUE™ 5F		SUPERTORQUE™ 6F		TEMPO™ 4F		TEMPO™ 5F	
	SH*	Cat. N°	SH	Cat. N°	SH	Cat. N°	SH	Cat. N°	SH	Cat. N°

Pigtail (PIG)

65	8	532-410T	8	532-524V8	12	455-610T	5	451-403 V5	5	451-503 V5
65										
65TR*							5	451-402 V5	5	451-502 V5
90	8	532-411T	8	532-539F8	12	455-611T	5	451-403 F5	5	451-503 F5
90										
100	8	532-412T	8	532-555H8			5	451-403 H5	5	451-503 H5
110	8	532-413T			8	455-613E	5	451-403 L5	5	451-503 L5
125							5	SRD5536		

Universal Flush (UNIV)

65							5	451-404V5	5	451-504V5
90							5	451-404F5	5	451-504F5
100										
110									5	451-504L5

Straight (STR)

40								SRD6885		
65	8	532-420T	8	532-564V8			5	451-401V5	5	451-501V5
90	8	532-421T					5	451-401F5	5	451-501F5
100	8	532-422T	8	532-569H8			5	451-401H5	5	451-501H5
110							5	451-401L5	5	451-501L5

* Tennis Raquet

Diagnostic Catheters

Selective Catheters

Flow Rate Chart (ml/s)

SELECTIVE CATHETERS	Lengths (cm)	65	80	100	125
SUPERTORQUE™ 4F		20	18	16	14
SUPERTORQUE™ 5F		25	22	19	17
SUPERTORQUE™ 6F		35	32	28	25
TEMPO™ 4F		22	20	17	16
TEMPO™ 5F		30	27	24	23
TEMPO AQUA™ 4F		22	20	17	16
TEMPO AQUA™ 5F		30	27	24	23

Inner Diameter Specifications

	ID Body (inches)	ID Tip (inches)	Guidewire Acceptance (inches)
SUPERTORQUE™ 4F & 5F	.0395	.0395	.035
SUPERTORQUE™ 6F	.051	.0435	.038
TEMPO™ 4F	.042	.042	.038
TEMPO™ 5F	.048	.043	.038
TEMPO AQUA™ 4F	.042	.042	.038
TEMPO AQUA™ 5F	.048	.043	.038

Diagnostic Catheters

Selective Multipurpose Catheters

SUPERTORQUE™ 4F, 5F & 6F Diagnostic Catheters


- Braided Polyurethane body
- Excellent torque response
- High flow rates
- Sold by 5 units

TEMPO™ 4F & 5F Diagnostic Catheter

- Braided Nylon body
- Neon Tip (tungsten filled radiopaque tip)
- Lipiodol resistant hub
- Micro-catheter compatibility
- SLX™ coating
- Sold by 5 units






TEMPO AQUA™ 4F & 5F Diagnostic Catheter

- Braided Nylon body
- Neon Tip (tungsten filled radiopaque tip)
- Lipiodol resistant hub
- Micro-catheter compatibility
- Hydrophilically coated distal shaft
- Sold by 5 units

Lengths (cm)	<u>SUPERTORQUE™ 4F</u> SH*  Cat. N°	<u>SUPERTORQUE™ 5F</u> SH  Cat. N°	<u>SUPERTORQUE™ 6F</u> SH  Cat. N°	<u>TEMPO™ 4F</u> SH  Cat. N°	<u>TEMPO™ 5F</u> SH  Cat. N°	<u>TEMPO AQUA™ 4F</u> SH  Cat. N°	<u>TEMPO AQUA™ 5F</u> SH  Cat. N°
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Multipurpose Small

65						451-406V0		451-506V0
80								451-506S0
80	2	532-432	2	532-506	2	451-406S2	2	451-506S2
100		532-430				451-406H0		451-506H0
100	2	532-482	2	532-507			2	451-506H2
125		532-431				451-406P0		451-506P0
125	2	532-457	2	532-508			2	451-506P2

Lengths (cm)	<u>SUPERTORQUE™ 4F</u> SH*  Cat. N°	<u>SUPERTORQUE™ 5F</u> SH  Cat. N°	<u>SUPERTORQUE™ 6F</u> SH  Cat. N°	<u>TEMPO™ 4F</u> SH  Cat. N°	<u>TEMPO™ 5F</u> SH  Cat. N°	<u>TEMPO AQUA™ 4F</u> SH  Cat. N°	<u>TEMPO AQUA™ 5F</u> SH  Cat. N°
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Multipurpose Adult (MPA)

65					451-407V0		451-507V0		
80		532-579		455-623					
80			2	455-636	2	451-407S2	2	451-507S2	
100		532-578						452-407H0 ¹	452-507H0 ¹
100			2	455-637	2	451-407H2	2	451-507H2	

¹ Sold by one unit

Diagnostic Catheters

Selective Multipurpose Catheters

Lengths (cm)	<u>SUPERTORQUE™ 4F</u>	<u>SUPERTORQUE™ 5F</u>	<u>SUPERTORQUE™ 6F</u>	<u>TEMPO™ 4F</u>	<u>TEMPO™ 5F</u>	<u>TEMPO AQUA™ 4F</u>	<u>TEMPO AQUA™ 5F</u>
	SH*  Cat. N°	SH  Cat. N°	SH  Cat. N°	SH  Cat. N°	SH  Cat. N°	SH  Cat. N°	SH  Cat. N°

Multipurpose B (MPB)



65	2	451-408V2
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Multipurpose (Subintimal recanalization)

65	-	532-576
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Diagnostic Catheters

Selective Visceral Catheters

Renal

Lengths (cm)	SUPERTORQUE™ 4F			SUPERTORQUE™ 5F			SUPERTORQUE™ 6F			TEMPO™ 4F			TEMPO™ 5F			TEMPO AQUA™ 4F			TEMPO AQUA™ 5F		
	SH*		Cat. N°	SH		Cat. N°	SH		Cat. N°	SH		Cat. N°	SH		Cat. N°	SH		Cat. N°	SH		Cat. N°

Renal Double Curve Small

65	2	532-462	2	532-510		2	451-546V2
80					451-446S0		451-546S0
80	2	532-478	2	532-511			

Lengths (cm)	SUPERTORQUE™ 4F	SUPERTORQUE™ 5F	SUPERTORQUE™ 6F	TEMPO™ 4F	TEMPO™ 5F	TEMPO AQUA™ 4F	TEMPO AQUA™ 5F
							

Renal Double Curve Adult

80		532-509		455-686	451-447S0	451-547S0	-	-
80			2			2	451-547S2	

Diagnostic Catheters

Selective Visceral Catheters

Cobra

Lengths (cm)	<u>SUPERTORQUE™ 4F</u>	<u>SUPERTORQUE™ 5F</u>	<u>SUPERTORQUE™ 6F</u>	<u>TEMPO™ 4F</u>	<u>TEMPO™ 5F</u>	<u>TEMPO AQUA™ 4F</u>	<u>TEMPO AQUA™ 5F</u>
							

Child 1 (C1)

65		532-440		532-512		451-442V0		451-542V0		452-442V0 ¹		452-542V0 ¹
65	2	532-441	2	532-515		451-442V2	2	451-542V2				

Small adult (C2)

65		532-442		532-513		455-671		451-443V0		451-543V0		452-443V0 ¹		452-543V0 ¹
65	2	532-443	2	532-516			2	451-443V2	2	451-543V2				
80												452-443S0 ¹		
100		532-439						451-443H0		451-543H0				

Normal adult (C3)













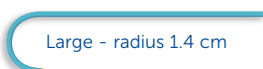


65		532-444		532-514		455-672		451-444V0		451-544V0				
65	2	532-445	2	532-517					2	451-544V2				

¹ Sold by one unit

Diagnostic Catheters

Selective Visceral Catheters

Shepherd Hook

Lengths (cm)	<u>SUPERTORQUETM 4F</u> SH*  Cat. N°		<u>SUPERTORQUETM 5F</u> SH  Cat. N°		<u>SUPERTORQUETM 6F</u> SH  Cat. N°		<u>TEMPOTM 4F</u> SH  Cat. N°		<u>TEMPOTM 5F</u> SH  Cat. N°		<u>TEMPO AQUATM 4F</u> SH  Cat. N°		<u>TEMPO AQUATM 5F</u> SH  Cat. N°	
Shepherd Hook I (SHK I)  0.8 cm-radius														
65	532-473						451-449V0		451-549V0					
Shepherd Hook II (SHK II) 														
65	532-474		532-519				451-450V0		451-550V0		-			
Celiac Trunk 														
80			532-567											
Uni Select II 														
80							451-418S0		451-518S0					
Uni Select II 														
125									SRD6050					
J-Curve I  Large - radius 1.4 cm														
65	532-447		-				451-455V0		451-555V0					
J-Curve II  Medium - radius 1.1 cm														
65	532-448		-		532-522		451-456V0		451-556V0					
J-Curve III  Small - radius 0.6 cm														
65	532-449		-		532-523		451-457V0		451-557V0					

Diagnostic Catheters

Selective Cerebral Catheters

Sidewinder Simmons Technique

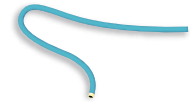
Lengths (cm)	<u>SUPERTORQUE™ 4F</u> SH*  Cat. N°	<u>SUPERTORQUE™ 5F</u> SH  Cat. N°	<u>SUPERTORQUE™ 6F</u> SH  Cat. N°	<u>TEMPO™ 4F</u> SH  Cat. N°	<u>TEMPO™ 5F</u> SH  Cat. N°	<u>TEMPO AQUA™ 4F</u> SH  Cat. N°	<u>TEMPO AQUA™ 5F</u> SH  Cat. N°
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Sidewinder Simmons Technique I (SIM1)



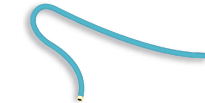
100	532-414	532-501	455-660	451-430H0	451-530H0	452-430H0 ¹	452-530H0 ¹
100	2	532-546	2	455-660D	2	451-530H2	

Sidewinder Simmons Technique I I (SIM2)



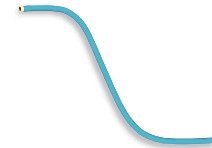
100	532-415	532-502	455-661	451-431H0	451-531H0	452-431H0 ¹	452-531H0 ¹
100	2	532-547			2	451-531H2	

Sidewinder Simmons Technique I I I (SIM3)



100	532-503	455-662	451-432H0	451-532H0
100	2		2	451-532H2

Sidewinder Simmons Technique I V (SIM4)















100	455-663
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¹ Sold by one unit

Diagnostic Catheters














Selective Cerebral Catheters

Lengths (cm)	<u>SUPERTORQUE™ 4F</u> SH*  Cat. N°	<u>SUPERTORQUE™ 5F</u> SH  Cat. N°	<u>SUPERTORQUE™ 6F</u> SH  Cat. N°	<u>TEMPO™ 4F</u> SH  Cat. N°	<u>TEMPO™ 5F</u> SH  Cat. N°	<u>TEMPO AQUA™ 4F</u> SH  Cat. N°	<u>TEMPO AQUA™ 5F</u> SH  Cat. N°
							
100	532-461	532-504	455-665	451-435H0	451-535H0	452-435H0 ¹	452-535H0 ¹
100			455-666				
							
100				451-439H0	451-539H0		
							
100					451-520H0		
							
100		532-520		451-421H0	451-521H0		
							
100	532-470	532-571			451-512H0		

¹ Sold by one unit

Diagnostic Catheters

Selective Cerebral Catheters

Lengths (cm)	<u>SUPERTORQUE™ 4F</u> SH*  Cat. N°	<u>SUPERTORQUE™ 5F</u> SH  Cat. N°	<u>SUPERTORQUE™ 6F</u> SH  Cat. N°	<u>TEMPO™ 4F</u> SH  Cat. N°	<u>TEMPO™ 5F</u> SH  Cat. N°	<u>TEMPO AQUA™ 4F</u> SH  Cat. N°	<u>TEMPO AQUA™ 5F</u> SH  Cat. N°
Berenstein (BER) 							
65				451-413V0	451-513V0		
100	532-405			451-413H0	451-513H0	452-413H0 ¹	452-513H0 ¹
Berenstein II (BER 2) 							
40				SRD6887	451-515T0		
65				451-415V0	451-515V0		
100				451-415H0	451-515H0		
Bentson-Hanafee-Wilson I (JB1) 							
100	532-436	532-541H0		451-423H0	451-523H0		
Bentson-Hanafee-Wilson II (JB2) 							
100	532-437	532-543H0		451-424H0	451-524H0		
Bentson-Hanafee-Wilson III (JB3) 							
100	532-438				451-525H0		
Vertebral (VERT) 							
100	532-497	532-549H0		451-414H0	451-514H0	452-414H0 ¹	452-514H0 ¹

¹ Sold by one unit

Flow Rate Chart (ml/s)

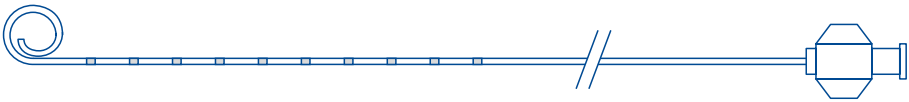
CALIBRATION CATHETERS	Lengths (cm)	65 (20 gold)	70 (2 gold)	110 (10 gold)	110 (20 gold)
SUPERTORQUE™ Markerbands 5F		23	22	18	18

Diagnostic Catheters

Calibration Catheters

SUPERTORQUE™ MB Diagnostic Catheters

- Sold by 5 units

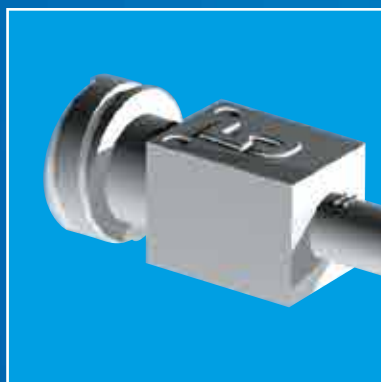


Lengths (cm)	Size (F)	10 gold-alloy marker bands		20 gold-alloy marker bands	
		SH*	Cat. N°	SH*	Cat. N°
65	5			8	532-598C
110	5	6	532-598A		532-598B
125	5			6	SRD7040MB

* 2 cm spacing per beginning of each marker

Catheter Sheath Introducers

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Catheter Sheath Introducers

Cordis offers a large range of different products for introduction of devices into the blood vessels.

AVANTI™+
Catheter Sheath Introducers



BRITE TIP™
Catheter Sheath Introducers

Catheter Sheath Introducers

General Information

Introduction

Cordis Sheath Introducer Systems are for percutaneous introduction of devices into the vasculature.

Features and benefits

Sheath/dilator

- **All components entering the vasculature are visible under X-ray**
- **Easy French size identification** provided by a color coding system and the number on the hub of the dilator*.
- **Minimal tissue trauma** at the insertion site due to optimized tapering of cannula and smooth guidewire/dilator and dilator/cannula transitions.
- **Ease of insertion** thanks to lubricious SLX™ Coating on cannula and dilator and excellent transitions between sheath/dilator and dilator/guidewire.
- **Highly kink resistant** coextruded cannula.
- **Easy product manipulation** thanks to the lubricious SLX™ Coating on the inside of the cannula and SLIX valve.
- **Excellent hemostasis and air aspiration resistance** by the hexacuspid SLIX valve when no product is in place, during product exchange or during catheter and guidewire manipulation.
- **No “backing out” of the dilator** during sheath insertion thanks to a secure snap between dilator and sheath.
- **Visualisation of air bubbles** via the clear, flexible side port.
- **Infusion dripping, air aspiration, pressure monitoring** via time saving 3 way stopcock.
- **Convenient, stable means of securing the sheath to the skin** provided by the rotating suture collar.

Guidewire

- **Soft and atraumatic double-ended (straight and J-curved end).**

Obturator

- **Kinking of the sheath cannula prevented** by the flexible shaft when the sheath is used in a patient for a long period of time without a product in place.
- **Easy French size identification** provided by a color coding system and the number on the hub*.
- **Easy to store, environment friendly** boxes with the smallest possible dimensions.
- **Ease of insertion through the sheath and minimal vessel damage** thanks to the rounded atraumatic distal tip.
- **No “backing out” of the obturator** by the secure snap fit between obturator and sheath.
- **Easy placement and manipulation** thanks to the low profile hub.

* 4F-red, 5F-grey, 6F-green, 7F-orange, 8F-blue, 9F-black, 10F-magenta, 11F-yellow.

Catheter Sheath Introducers

AVANTI™ + Catheter Sheath Introducers

- Unique SLIX valve for uncompromised valve hemostatis
- Flexible and kink resistant
- Smooth insertion
- 5 units per package



French size	5.5 cm cannula length		11 cm cannula length		23 cm cannula length
	with mini-guidewire	without mini-guidewire	with mini-guidewire	without mini-guidewire	without mini-guidewire
4	402-604P		402-604X	402-604A	
5	402-605P		402-605X	402-605A	402-605T
5.5*			402-655X		
6	402-606P	402-606R	402-606X	402-606A	402-606T
6.5**			402-656X		
7	402-607P	402-607R	402-607X	402-607A	
8			402-608X	402-608A	402-608T
9			402-609X	402-609A	402-609T
10			402-610X	402-610A	
11			402-611X		

* 5F MS = Mid-Size = 5.5F

** 6F MS = Mid-Size = 6.5F

Catheter Sheath Introducers

BRITE TIP™ Catheter Sheath Introducers

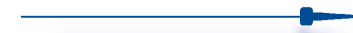
- Co-extruded Polyethylene kink resistant cannula
- Unique SLIX valve for uncompromised valve hemostatis
- 3 mm atraumatic, and radiopaque distal tip for precise placement
- Smooth transition between cannula and dilator
- Excellent kink resistance and back up support
- 5 units per package / 5.5 cm, 11 cm and 23 cm lengths
- 2 units per package / 35 cm or longer



vessel dilator



CSI



mini-guidewire

French size	Dilator Tip (mm)	4.5 cm cannula length	5.5 cm cannula length	11 cm cannula length	23 cm cannula length
		with mini-guidewire	with mini-guidewire	with mini-guidewire	without mini-guidewire
4	25	SRA0116		401-411M	401-423M
5	25	SRA0117	SRA0035	401-511M	401-523M
6	35	SRA0115	401-605M	401-611M	401-623M
7	35		401-705M	401-711M	401-723M
8	35		401-805M	401-811M	401-823M
9	35			401-911M	401-923M
10	45			401-011M	401-023M
11	45			401-111M	401-123M

French size	Dilator Tip (mm)	35 cm cannula length	45 cm cannula length	55 cm cannula length	70 cm cannula length	90 cm cannula length
		without mini-guidewire	without mini-guidewire	without mini-guidewire	without mini-guidewire	without mini-guidewire
4	25		SRAM17661			
5	25	401-535M	401-545M	401-555M		
6	35	401-635M	401-645M	401-655M	SRA0217	401-690M
7	35	401-735M	401-745M	401-755M		401-790M
8	35	401-835M	401-845M	401-855M		
9	35	401-935M				

Catheter Sheath Introducers

Obturators

- 10 units per package



French size	13 cm cannula length
5	502-190
6	502-191
7	502-192
8	502-194

Vessel Dilators

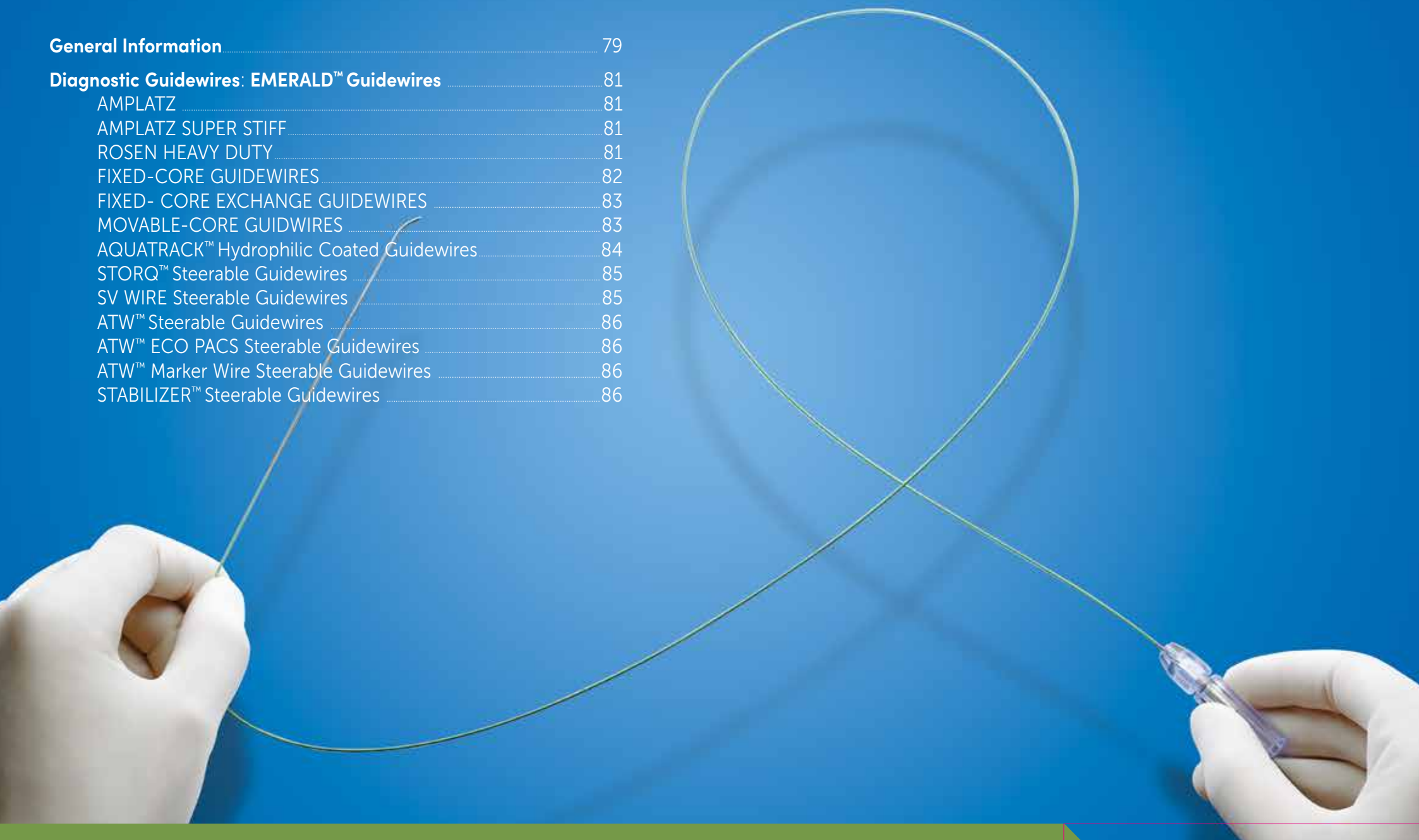
- Facilitate the percutaneous entry of angiographic catheters
- With Luer hubs
- 10 units per package



French size	For use with Guidewire Ø (inch)	Usable Length (cm)	Catalogue Number
4	.021	14.5	504-504S
4	.035	17	504-404X
5	.021	14.5	504-505S
5	.035	17	504-405X
5	.038	17	504-505X
6	.032	17	504-406X
6	.038	17	504-506X
7	.035	19	504-407X
7	.038	17	504-507X
8	.035	19	504-408X
8	.038	17	504-508X
9	.038	19	504-509X

Guidewires

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Guidewires

Diagnostic Guidewires

Cordis offers a wide range of diagnostic guidewires from .018" to .065" diameter in all required configurations.

EMERALD™ Guidewire

Guidewires

PTFE pre-coated guidewire :

- Surface finish is uniform
- Lower insertion and withdrawal force

Hydrophilic Coated Guidewire

Cordis now offers regular and stiff hydrophilic wires for access and interventional procedures. This completes the wide range of guidewires needed to complete most interventional procedures.

AQUATRACK™ Hydrophilic Coated Guidewire

The AQUATRACK™ Guidewire facilitates access to the most tortuous anatomy, providing the control, visibility and exceptional design symmetry that enable you to torque and maneuver through difficult lesions.

Steerable Guidewires

Besides the diagnostic line, Cordis also offers different interventional guidewires that will help you achieve right procedure results:

SV Wires

SV wires are small diameter interventional wires that give you the adequate support to perform any procedure with a .018" device.

ATW™ All Track Wire

ATW™ Marker Wire

ATW™ Wires and ATW™ Marker Wires are the All Track Wires. They are intermediate support .014" wires that are workhorse wires for .014" devices. The ATW™ Marker Wire provides 4 equally spaced marker bands (10 mm) for secure measurements of lesion length.

STABILIZER™ Guidewire

STABILIZER™ Guidewire is a high support .014" wire that provides support and flexibility for greater guidewire demands.

STORQ™ Guidewire

STORQ™ Guidewire is the ideal steerable guidewire for any interventional procedure using .035" devices. This precision tool will enable to access any difficult to reach arteries.



Cordis offers a wide range of **diagnostic guidewires** from .018" to .065" diameter in all required configurations.

Inch	.018"	.021"	.025"	.032"	.035"	.038"	.065"
Diagnostic							
• EMERALD™ Guidewire		X	X	X	X	X	X X

Besides this diagnostic line, Cordis also offers **different interventional guidewires** that will help you achieve satisfactory procedure results :

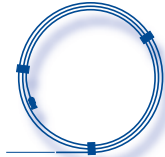
Inch	.014"	.018"	.035"	.035">.022"
Hydrophilic Coated				
• AQUATRACK™ Hydrophilic Coated Guidewire				X
Steerable				
• SV wire		X		
• STORQ™			X	
• ATW™	X			
• ATW™ Marker	X			
• STABILIZER™		X		

Amplatz

- For percutaneous entry and guidance of angiographic catheters
- 5 units per package

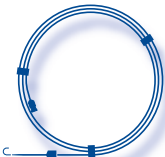
PTFE-Coated Straight Tip

Diameter (inch)	Length (cm)	J-Radius (mm)	Catalogue Number
.035	150		502-581A



PTFE-Coated J-Curve

Diameter (inch)	Length (cm)	J-Radius (mm)	Catalogue Number
.038	150	3	502-570A
.035	150	3	502-571A

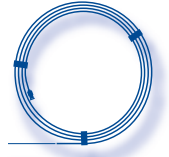


Amplatz Super Stiff

- For percutaneous entry and guidance of angiographic catheters
- Pre-coated PTFE
- 5 units per package

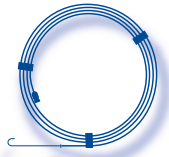
PTFE-Coated Straight Tip

Diameter (inch)	Length (cm)	J-Radius (mm)	Catalogue Number
.035	150		502-726
.035	180		502-728



PTFE-Coated J-Curve

Diameter (inch)	Length (cm)	J-Radius (mm)	Catalogue Number
.035	150	3	502-731
.035	180	3	502-733
.035	260	3	502-735

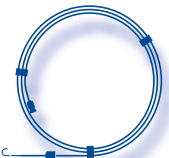


Rosen Heavy Duty

- Atraumatic end
- For percutaneous entry and high support guidance of angiographic catheters
- 5 units per package

PTFE-Coated J-Curve

Diameter (inch)	Length (cm)	J-Radius (mm)	Catalogue Number
.035	180	1.5	502-717



Fixed-core Guidewires

- For percutaneous entry and guidance of angiographic catheters
- 5 units per package



PTFE-Coated Straight Tip

Diameter (inch)	Length (cm)	Flexible End (cm)	J-Radius (mm)	Catalogue Number
.018	150	7		502-704
.021	150	7		502-703
.025	150	7		502-549
.032	150	7		502-548
.035	150	7		502-542
.035	150	10		502-544*
.035	150	20		502-560
.038	150	7		502-541

* Newton LT

PTFE-Coated Double-Ended

- 3 cm straight / 7 cm J-curve

Diameter (inch)	Length (cm)	Flexible End (cm)	J-Radius (mm)	Catalogue Number
.035	150	3 / 7	2	502-563



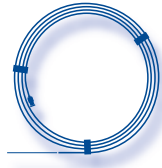
PTFE-Coated J-Curve

Diameter (inch)	Length (cm)	Flexible End (cm)	J-Radius (mm)	Catalogue Number
.025	150	7	3	502-524
.025	150	7	15	502-536
.030 heavy duty, high strength	150	7	3	502-522
.032	150	7	3	502-526
.035	80	7	3	502-701
.035	150	7	1.5	502-531
.035 high strength	175	7	1.5	502-534
.035	150	7	3	502-521
.035	150	10	3	502-587*
.035	175	7	3	502-585
.035	150	7	6	502-589
.035	150	7	15	502-535
.035	150	10	15	502-576*
.038	150	7	3	502-520
.038	175	7	3	502-584
.038	150	7	6	502-588
.065	150	10	6	502-530*

* Newton LT

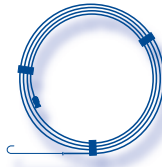
Fixed-core Exchange Guidewires

- For use in percutaneous entry, guidance and exchange of angiographic catheters
- 5 units per package



PTFE-Coated Straight Tip

Diameter (inch)	Length (cm)	Flexible End (cm)	J-Radius (mm)	Catalogue Number
.032	260	7		502-554
.035	220	7		502-558
.035	260	7		502-555
.038	260	7		502-553

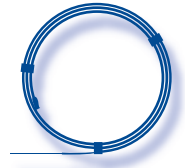


PTFE-Coated J-Curve

Diameter (inch)	Length (cm)	Flexible End (cm)	J-Radius (mm)	Catalogue Number
.018	260	7	3	502-456
.025	260	7	3	502-452
.032	260	7	3	502-454
.035	260	7	3	502-455
.038	260	7	3	502-453

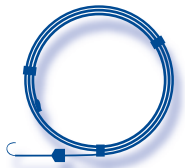
Movable-core Guidewires

- For use in percutaneous entry and guidance of angiographic catheters
- With 4 cm handle
- 5 units per package



PTFE-Coated Straight Tip

Diameter (inch)	Length (cm)	J-Radius (mm)	Catalogue Number
.035	150		502-581



PTFE-Coated J-Curve

Diameter (inch)	Length (cm)	J-Radius (mm)	Catalogue Number
.035	150	3	502-571
.038	150	3	502-570

Guidewires

AQUATRACK™ Hydrophilic Coated Guidewires

AQUATRACK™ Hydrophilic Coated Guidewires

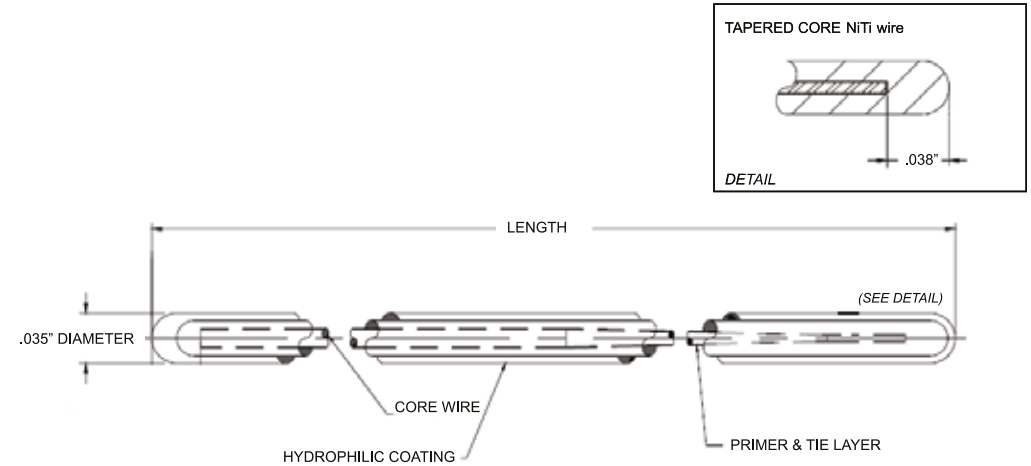
- Guidewire OD: .035"
- Nitinol core wire
- Photolink™ Hydrophilic Coating
- Torque device included with each wire
- 5 units per package

Regular - wire tapers over 8"

Length	Stiffness	Taper	Tip	Catalogue Number
150 cm	Regular	Short	Angled	C3515RSA
150 cm	Regular	Short	Straight	C3515RSS
180 cm	Regular	Short	Angled	C3518RSA
180 cm	Regular	Short	Straight	C3518RSS
260 cm	Regular	Short	Angled	C3526RSA

Stiff - wire tapers over 5"

Length	Stiffness	Taper	Tip	Catalogue Number
150 cm	Stiff	Short	Angled	C3515SSA
180 cm	Stiff	Short	Angled	C3518SSA
260 cm	Stiff	Short	Angled	C3526SSA
260 cm	Stiff	Short	Straight	C3526SSS



Guidewires

Steerable Guidewires

STORQ™ Steerable Guidewires

- Guidewire OD: .035"
- Stainless steel core wire
- With SLX™ Coating
- Torque device included
- 5 units per package



Super Soft Tip

Diameter (inch)	Tip Shape	Length (cm)	Catalogue Number
.035	Straight	180	503-256
.035	Angled	180	503-256J

Soft Tip

Diameter (inch)	Tip Shape	Length (cm)	Catalogue Number
.035	Straight	180	503-356
.035	Angled	180	503-356J
.035	Modified J	180	503-356MJ
.035	Straight	300	503-356X
.035	Angled	300	503-356Y
.035	Modified J	300	503-356MY

Standard Tip

Diameter (inch)	Tip Shape	Length (cm)	Catalogue Number
.035	Straight	180	503-456
.035	Angled	180	503-456J
.035	Modified J	180	503-456MJ
.035	Straight	300	503-456X
.035	Angled	300	503-456Y
.035	Modified J	300	503-456MY

SV WIRE Steerable Guidewires

- Guidewire OD: .018"
- Tip shape: straight (shapeable)
- Proximal shaft coating: blue PTFE spray
- Radiopaque coil length
- 5 units per package



5 cm Distal Taper Configuration

Diameter (inch)	Tip Shape	Length (cm)	Catalogue Number
.018"	Straight	180	503-558
.018"	Straight	300	503-558X

8 cm Distal Taper Configuration

Diameter (inch)	Tip Shape	Length (cm)	Catalogue Number
.018"	Straight	180	503-658
.018"	Straight	300	503-658X

Guidewires

Steerable Guidewires

ATW™ Steerable Guidewires

- Intermediate support wire
- Coating: Duraglide/PTFE
- Distal Tip Radiopacity: 3 cm
- Tip Flexibility: floppy
- 1 unit per package



Diameter (inch)	Tip Shape	Length (cm)	Catalogue Number
.014	Straight	195	595-014
.014	J-curve	195	595-J014

ATW™ Steerable Guidewires ECO PACS

- Intermediate support wire
- Coating: Duraglide/PTFE
- Distal Tip Radiopacity: 3 cm
- Tip Flexibility: floppy
- 5 units per package

Diameter (inch)	Tip Shape	Length (cm)	Catalogue Number
.014	Straight	195	595-E014
.014	J-curve	195	595-EJ014

ATW™ MARKER Steerable Guidewires

- Intermediate support wire
- Coating: Duraglide/PTFE
- 4 radiopaque markers spaced 10 mm apart
- Tip Flexibility: floppy
- 1 unit per package

Diameter (inch)	Tip Shape	Length (cm)	Catalogue Number
.014	Straight	195	595-M014
.014	J-curve	195	595-MJ014

- 5 units per package

Diameter (inch)	Tip Shape	Length (cm)	Catalogue Number
.014	Straight	195	595-ME014
.014	J-curve	195	595-MEJ014

STABILIZER™ Steerable Guidewires

- Coating: Duraglide / PTFE
- Balanced Performance Steerable Guidewires
- Distal tip radiopacity: 3 cm
- 5 units per package
- Supersoft tip configuration



STABILIZER™ SUPPORT Steerable Guidewires

Diameter (inch)	Tip Shape	Length (cm)	Catalogue Number
.014	Straight	180	507-180S
.014	Straight	300	507-300S

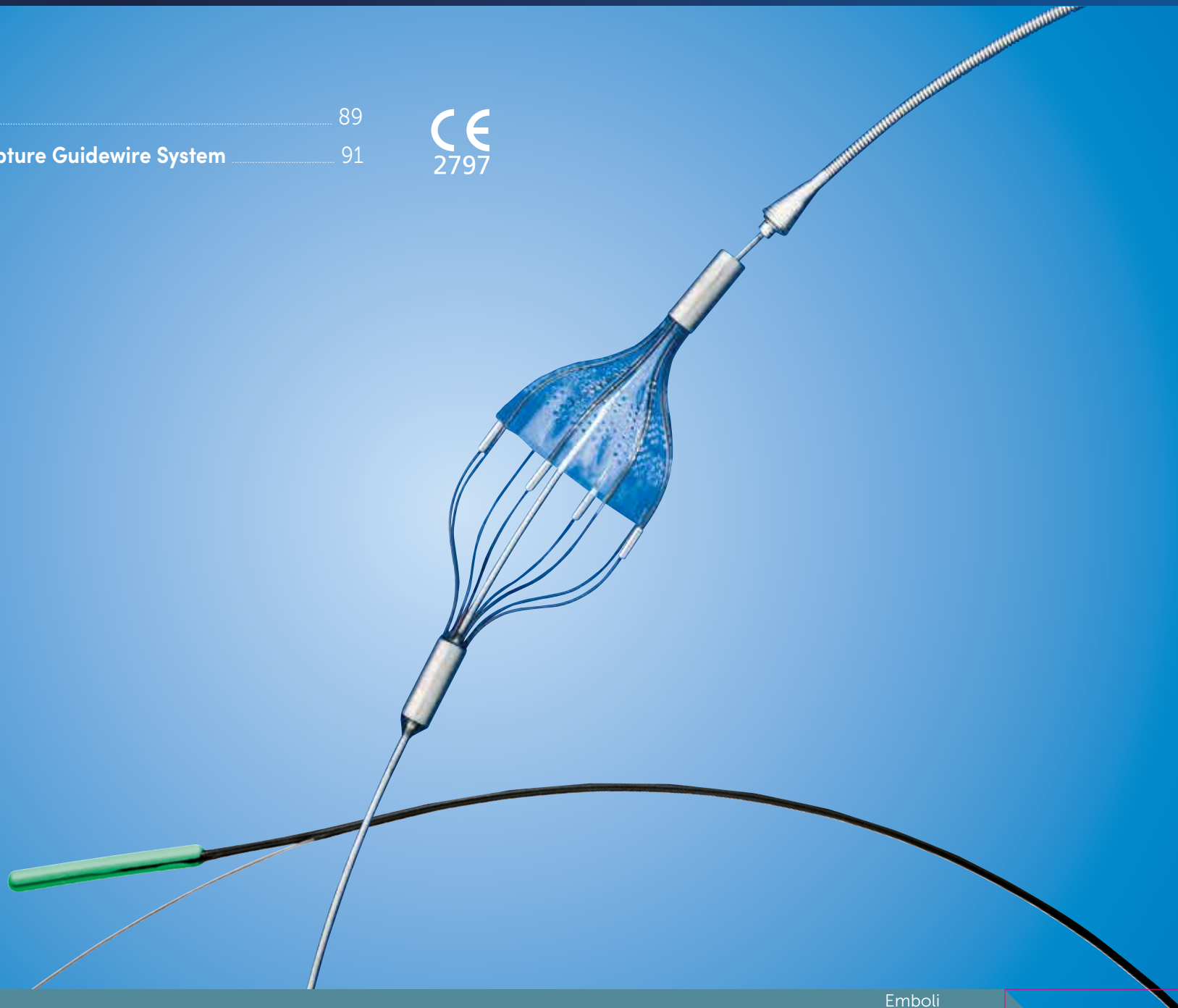
STABILIZER™ EXTRA SUPPORT Steerable Guidewires

Diameter (inch)	Tip Shape	Length (cm)	Catalogue Number
.014	Straight	180	527-180E
.014	Straight	300	527-300E

Emboli Protection Device

General Information	89
ANGIOGUARD™ RX Emboli Capture Guidewire System	91

CE
2797



Emboli Protection Device

ANGIOGUARD™ RX Emboli Capture Guidewire System

ANGIOGUARD™ RX Emboli Capture Guidewire System with its Rapid Exchange System is easy to use, providing optimal protection while maintaining blood flow.

Ease of use

- **Medium & Extra Support Wires**
 - 0.014" compatible wire available in Medium & Extra support for lesion specific access and support of interventional devices
- **Excellent crossability**
 - Easy to cross tortuous anatomies with a crossing profile from as low as 3.2F
- **Rapid Exchange System**
 - Simplified deployment with peel away deployment sheath
 - Easy capture of filter with Rapid Exchange capture sheath
 - Permits a single operator
 - Enhanced wire control

Capture effectiveness

- **Effective capture** of clinically relevant emboli with 100µ pore sizes filter
- **Optimal wall apposition**

Safety

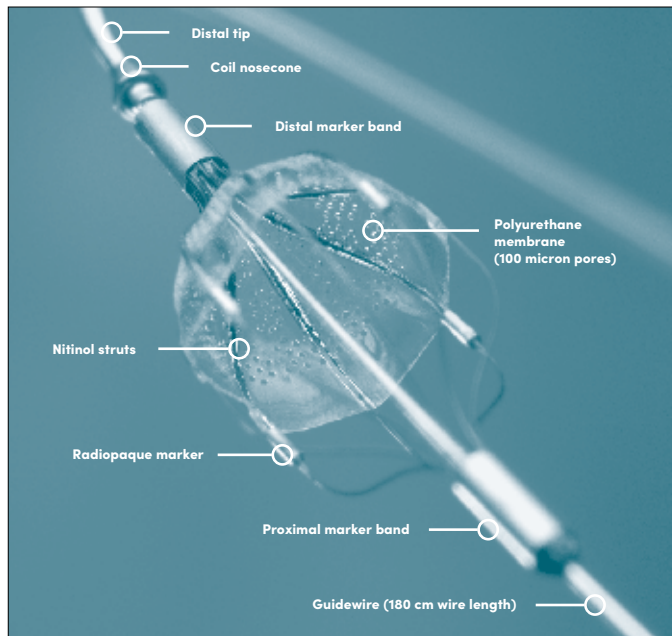
- **Continuous perfusion** throughout the procedure
- **Excellent visualisation** and optimal control
 - 4 radiopaque markers on the basket
 - Proximal and distal marker bands
- **Effective sealing** of the vessel preventing migration of emboli
- **Designed to minimize vessel trauma**
 - Tapered delivery and capture sheaths
 - Coil nosecone minimize vessel trauma

Emboli Protection Device

General information

ANGIOGUARD™ RX Emboli Capture Guidewire System

The ANGIOGUARD™ RX with its Rapid Exchange System is easy to use, providing optimal protection while maintaining blood flow



*Prior to use, refer to the "Instructions for Use" supplied with these devices for indications, contraindications, side effects, suggested procedure, warnings, and precautions.

How to use the ANGIOGUARD™ RX Emboli Capture Guidewire System during intervention*

Preparation

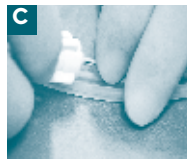
1. Flush the deployment sheath using a 10 ml syringe with heparinized saline. Flush is complete when saline is visible at the green hub **A**.
2. Tighten and pull back on torque device to load the filter into the deployment sheath **B**.
3. Loosen torque device and pull the wire until the green hub engages torque device **C**. Then, tighten torque device and remove the loaded system from coil dispenser.

Deployment

1. As desired, pre-shape the distal coil. Insert the loaded system using the peel-away introducer into the fully-opened hemostatic valve and into the guiding catheter or interventional sheath.
2. Advance the loaded system and position the filter distal to the lesion (allow enough space between the lesion and filter for other interventional devices).
3. Deploy filter by pulling back on deployment sheath while maintaining wire position **D** (confirm full deployment with strut marker bands).
4. Initiate peel-away of the deployment sheath from the green hub towards hemostatic valve while maintaining wire position **E**. Complete peel-away by pulling sheath to end of slit (black/yellow colour change).
5. Remove deployment sheath from wire using a standard rapid exchange technique. The system is now ready for use with interventional devices.

Retrieval

1. Flush the capture sheath using a 10 ml syringe with heparinized saline, and remove from coil dispenser.
2. Advance capture sheath over the wire using a standard rapid exchange technique and monitor progress by fluoroscopy (distal marker band).
3. Capture filter by advancing sheath until the distal marker band meets the proximal filter marker band.
4. Confirm filter closure by ensuring convergence of the strut marker bands **F**.
5. Grasp both the wire and the capture sheath and pull back simultaneously to remove the captured system **G**.

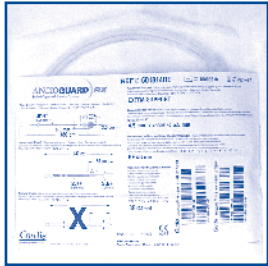


Emboli Protection Device

ANGIOGUARD™ RX Emboli Capture Guidewire System components

1/ Pouch 1

- ANGIOGUARD™ RX Emboli Capture Guidewire System
- Peel away deployment sheath
- Torque/Locking device
- Filter basket introducer
- Peel away introducer



Pouch 2

Blue Rapid Exchange capture sheath



2/ Each component is used for the following:

ANGIOGUARD™ RX Emboli Capture Guidewire with filter basket:

- To facilitate placement of diagnostic and interventional devices.
- To capture emboli.

Black/Yellow deployment sheath:

- To advance the ANGIOGUARD™ RX Emboli Capture Guidewire with filter basket through the guiding catheter or interventional sheath.

Torque/locking device:

- To "lock" the deployment sheath over the guidewire prior to advancing through the guiding catheter or interventional sheath;

Filter basket introducer:

- To load the ANGIOGUARD™ RX Emboli Capture Guidewire filter basket into the black/yellow deployment sheath.

Peel Away guidewire introducer:

- To introduce the ANGIOGUARD™ RX Emboli Capture Guidewire distal tip without any "hang ups" or damage to the product through the interventional sheath or hemostatic valve attached to the guiding catheter;
- **Blue capture sheath**
To retrieve the ANGIOGUARD™ RX Emboli Capture Guidewire with filter basket through the guiding catheter or interventional sheath.

3/ Product Compatibility:

- 8F (.088" minimum ID) guiding catheter
- 6F interventional sheath
- Compatible with 0.014" interventional devices.

Emboli Protection Device

Ordering Information

- Guidewire length: 180 cm
- 0.014" Wire
- Guiding Catheter Compatibility: 8F
- Sheath Compatibility: 6F

Extra Support

Filter Basket size (mm)	Vessel diameter (mm)	Catalogue Number
5	$3.5 < \text{vessel} \leq 4.5$	501814RE
6	$4.5 < \text{vessel} \leq 5.5$	601814RE
7	$5.5 < \text{vessel} \leq 6.5$	701814RE
8	$6.5 < \text{vessel} \leq 7.5$	801814RE



Medium Support

Filter Basket size (mm)	Vessel diameter (mm)	Catalogue Number
6	$4.5 < \text{vessel} \leq 5.5$	601814RM



For availability, please contact your local Sales Representative

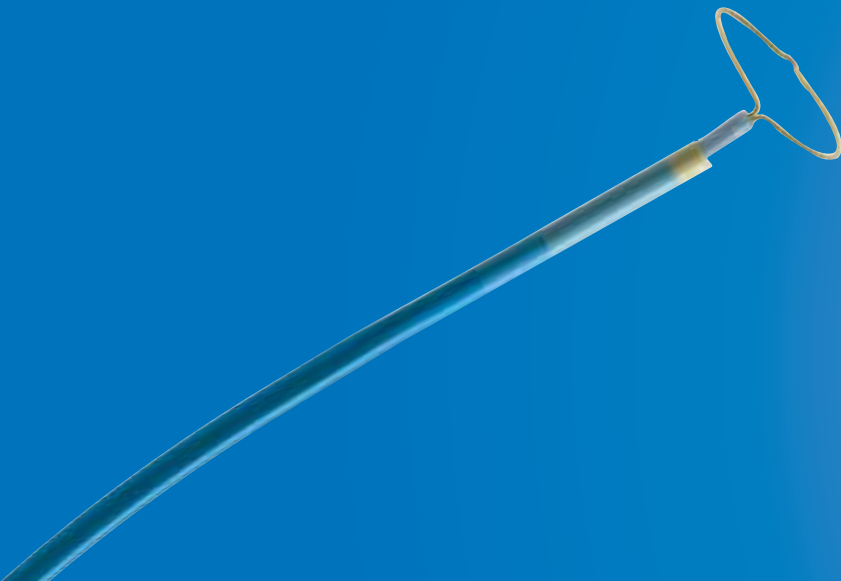
Venous Products

Retrieval Vena Cava Filter.....

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OPTASE™ Retrieval Vena Cava Filter.....

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Venous Products

OPTEASE™

Retrievable Vena Cava Filter



OPTEASE™ Retrievable Vena Cava Filters are an option for prevention of pulmonary embolism.

- Dual-layer filtration for easier clot capture and prevention of pulmonary embolism
- Fixation barbs. Minimize migration to maintain clot capture efficiency
- Caudal filter retrieval hook for easy retrieval with any appropriate endovascular snare
- Caval coverage up to 30 mm
- Nitinol technology.
- No waiting period is required between filter placement and having an MRI

Venous Products

Retrieable Vena Cava Filter

OPTEASE™ Retrieable Vena Cava Filter

- The OPTEASE™ Retrieable Filter has not been studied for long term implantation and must be retrieved within 12 days after placement.
- Design, 6F compatible
- Nitinol: MRI safe (tested under 3 tesla)
- IVC diameter ranges up to 30 mm
- 1 unit per package



Filter Delivery System Kit Contains:

- Filter in storage tube
- 6F BRITE TIP™ Sheath Introducer
- Angiographic Vessel Dilator
- 6F Obturator with marker

Filter Retrieval System Contains:

- 10F OPTEASE™ Retrieval Catheter

6F BRITE TIP™ Sheath Introducer	Cordis Angiographic Vessel Dilator	EMERALD™ Guidewire	Recommended Venous	Catalogue Number
55	66	150*	Jugular	466-F210AJ
55	101	260**	Femoral	466-F210AF
90	101	260**	Antecubital & Jugular	466-F210BJ

* Catalogue number: 502-521 (sold separately)

** Catalogue number: 502-455 (sold separately)

Filter Retrieval

Dimension	Recommended devices for filter retrieval	Catalogue Number
10F, 80 cm length	OPTEASE™ Retrieval Catheter*** with radiopaque tip	466-C210F
260 cm length	J-tip EMERALD™ 0.035" (0.89 mm) guidewire	502-455
10F, 11 cm length	AVANTI™+	402-610X

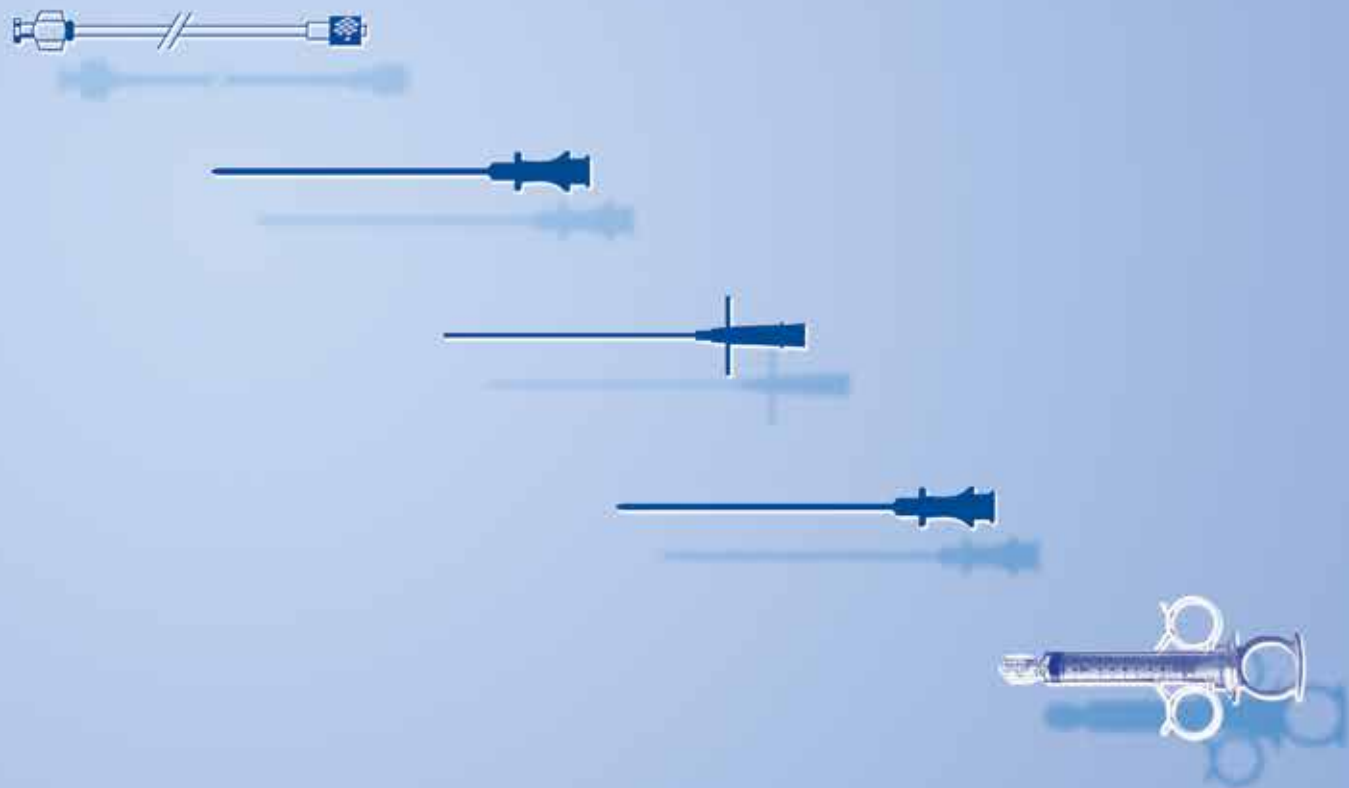
*** For use with the "Amplatz Goose Neck™ Snare™" (ev3 Inc.). Sold separately.

Please refer to your Cordis representative for more information.

Accessories

High Pressure Injector Lines.....	100
High Pressure Rotating Adaptors.....	101
Extension / Connectors / Inflation Systems.....	102
Control Syringes.....	103
Angiographic Needles.....	104

CE 2797 CE 0543



Accessories

High-Pressure Injector Lines

HP Injector Lines 1200 PSI - Non-braided

- Non-braided
- Ideal for all power injector applications, offered in a variety of lengths
- Available with or without high-pressure rotating adaptor
- Contents per case: 25

Length (cm)	Description	Catalogue Number
25	with rotator	12-000813
50	with rotator	12-001771
75	with luer-lock, male	12-000237
75	with rotator	12-001733
120	with luer-lock, male	12-000608
120	with rotator	12-001734

HP Injector Lines 1200 PSI - Braided

- Braided
- Combines the high pressure capacity with superior flexibility
- Available with or without high-pressure rotating adaptor
- Contents per case: 25

Length (cm)	Description	Catalogue Number
25	with luer-lock, male	12-001743
50	with rotator	12-001738
75	with luer-lock, male	12-001741
75	with rotator	12-001737
120	with luer-lock, male	12-001740
120	with rotator	12-001736

Accessories

High-Pressure Rotating Adaptors

Pressure Monitoring Lines

- Clear and high durometer for accurate measurements and optimum dynamic response

	Length (cm)	Description	Catalogue Number
	15	male/female	12-000235
	30	male/female	12-000836
	90	male/female	12-001776
	120	male/female	12-000236
	150	male/female	12-000210

Accessories

Extensions / Connectors / Inflation Systems

Valves & Haemostatic Y-Connectors

- Available for different wire diameters
- Smooth turning Tuohy-Borst valve
- With rotating adaptor
- Available as a PTCA valve accessory kit with either a tool or a puncture device and a torque device

Case Content	Description	Catalogue Number
25	Large Bore haemostatic Y-connector for catheter up to 9F (Torque device - Guidewire Insertion Tool - Haemostatic Y-connector for Catheters up to 9F)	12-001915
25	Haemostatic Y-connector for catheters up to 9F	12-001855
25	Torque device	12-001624
25	Twin interchange Y-connector for catheters up to 9F	12-001856

Inflation Systems

Case Content	Description	Catalogue Number
6	Disposable Inflation Device 30ml pressure control syringe with manometer measuring pressures between 0 and 30 atm (incl 3-way stocock)	12-003704

Control Syringes

- Smooth operation
- Clear, glass-like plastic syringe for clarity
- Contents per case: 25



	Volume (ml)	Description	Stopper (ml)	Catalogue Number
	10 ml	with luer-lock, male	0.5	12-000249
	10 ml	with rotator, male	0.5	12-000304

Accessories

Angiographic Needles

One-Piece Needles

- Thin wall cannula
- Luer hub
- 25 units per package



Cannula O.D.	Description	Maximum Guidewire Ø	Length (cm)	Catalogue Number
18G	Thin wall with snap-on wings	0.038"	7.0	502-652
19G	Thin wall with snap-on wings	0.035"	7.0	502-654*
20G	Thin wall with snap-on wings	0.021"	5.0	502-655*
20G	Thin wall with snap-on wings	0.025"	5.0	502-659*

Two-Piece Needles

- Thin wall cannula
- Luer hub
- Solid stylet
- 25 units per package



Cannula O.D.	Description	Maximum Guidewire Ø	Length (cm)	Catalogue Number
18G	Thin wall with snap-on wings	0.038"	7.0	502-657
19G	Thin wall with snap-on wings	0.035"	7.0	502-658

250 PSI Manifolds

Description		Catalogue Number
ON	2-port, with rotator, right-handed	12-004948
OFF	2-port, with rotator, right-handed	12-004951
OFF	3-port, with rotator, right-handed	12-004952

FOR HEALTHCARE PROFESSIONALS ONLY

IMPORTANT INFORMATION:

Prior to use, refer to the instructions for use supplied with these devices for indications, contraindications, side effects, suggested procedure, warnings and precautions. As part of its continuous product development policy, Cordis reserves the right to change product specifications without prior notification.

This Catalogue contains information on products for a wide range of countries. As a result, it may contain information about products that are not approved in your country. For more information, please contact your local Cordis sales representative.