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# About Us

**Cordis is a worldwide leader in the development and manufacture of interventional vascular technology with a more than 60-year history of delivering pioneering products to treat millions of patients.**

Our focus is in cardiology and endovascular platforms, with high-quality products such as diagnostic and interventional catheters, balloons, self-expanding stents, guidewires, and vascular closure devices. Working with our customers, we identify solutions that provide the best possible results for both physicians and patients.

We will continue to build on our rich history as part of Cardinal Health, a company with complementary skills and expertise. By leveraging Cordis' deep experience in product innovation and Cardinal Health's business and operational expertise, we are uniquely positioned to continue meeting the evolving needs of our customers and their patients – and remain at the forefront of change in healthcare.

**To learn more visit [cardinalhealth.com.au](http://cardinalhealth.com.au)**

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# Catheter Sheath Introducers

**BRITE TIP™**

**AVANTI+™**



**AVANTI+™**  
Catheter Sheath Introducer



**BRITE TIP™**  
Catheter Sheath Introducer



# Catheter Sheath Introducers

## General Information

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 optimised 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).

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



# Catheter Sheath Introducers

## BRITE TIP™

- Co-extruded Polyethylene kink resistant cannula.
- Unique SLIX valve for uncompromised valve haemostatis.
- 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.

French Size	Dilator Tip (mm)	11 cm Cannula Length With Mini-Guidewire	23 cm Cannula Length With Mini-Guidewire	35 cm Cannula Length With Mini-Guidewire	45 cm Cannula Length With Mini-Guidewire	55 cm Cannula Length With Mini-Guidewire	90 cm Cannula Length With Mini-Guidewire
4	25	401411M	401423M				
5	25	401511M	401523M	401535M	401545M	401555M	
6	35	401611M	401623M	401635M	401645M	401655M	401690M
7	35	401711M	401723M	401735M	401745M	401755M	401790M
8	35	401811M	401823M	401835M	401845M	401855M	
9	35	401911M	401923M	401935M			
10	45	401011M	401023M				
11	45	401111M	401123M				





# Catheter Sheath Introducers

## Obturators

- 10 units per package.

13 cm Cannula Length	
French Size	Cat. No
6	502191
7	502192



## 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)	Cat. No.
8	.038	17	504508X





# Catheter Sheath Introducers

## AVANTI+™

For use in arterial and venous procedures requiring percutaneous introduction of intravascular devices, the AVANTI+™ Introducer is a pioneer in catheter sheath introducer technology.

- A hexacuspoid design that provides a balance between catheter maneuverability and haemostasis.
- A rotating suture collar that facilitates greater procedural flexibility.
- A kink-resistant cannula design integrating a soft, flexible inner layer with a stiffer outer layer for improved bendability and support.
- Atraumatic insertions.
- All mini-guidewires are 45cm double-ended straight/J stainless steel mini-guidewires.
- Sheath assembly.
- Sideport extension with 3-way stopcock.
- Flexible dilator.
- 5 units per package.

	Standard-Length	Mid-Length
<b>Cannula length (cm)</b>	11	23
<b>10F-11F</b>	20	30
<b>Stopcock</b>	3-Way	3-Way
<b>Sideport Extension length (cm)</b>	22	22
<b>Suture collar</b>	Rotating colour coded suture collar	







# Catheter Sheath Introducers

**AVANTI+™**

## AVANTI+™ Standard Sheath Introducer

French Size	Cannula Usable Length (cm)	Mini-Guidewire Diameter (inch)	With Mini-Guidewire	Without Mini-Guidewire
4F	11	.035	504604X	504604A
5F	11	.038	504605X	504605A
5.5F	11	.038	504655X	
6F	11	.038	504606X	
6.5F	11	.038	504656X	
7F	11	.038	504607X	
7.5F	11	.038	504657X	
8F	11	.038	504608X	
8.5F	11	.038	504658X	
9F	11	.038	504609X	
10F	11	.038	504610X	504610A*
11F	11	.038	504611X	504611A

\*without Obturator



with mini-guidewire

## AVANTI+™ Mid-Length Sheath Introducer

French Size	Cannula Usable Length (cm)	Dilator Usable Length (cm)	With Obturator	Without Obturator
4F	23	30		504604T
5F	23	30		504605T
6F	23	30	504606D	504606T
6.5F**	23	30		
7F	23	30	504607D	504607T
8F	23	30	504608D	504608T
10F	23	30		504610T
11F	23	30		504611T

\*\* 6F MS= Mid-Size=6.5F 82

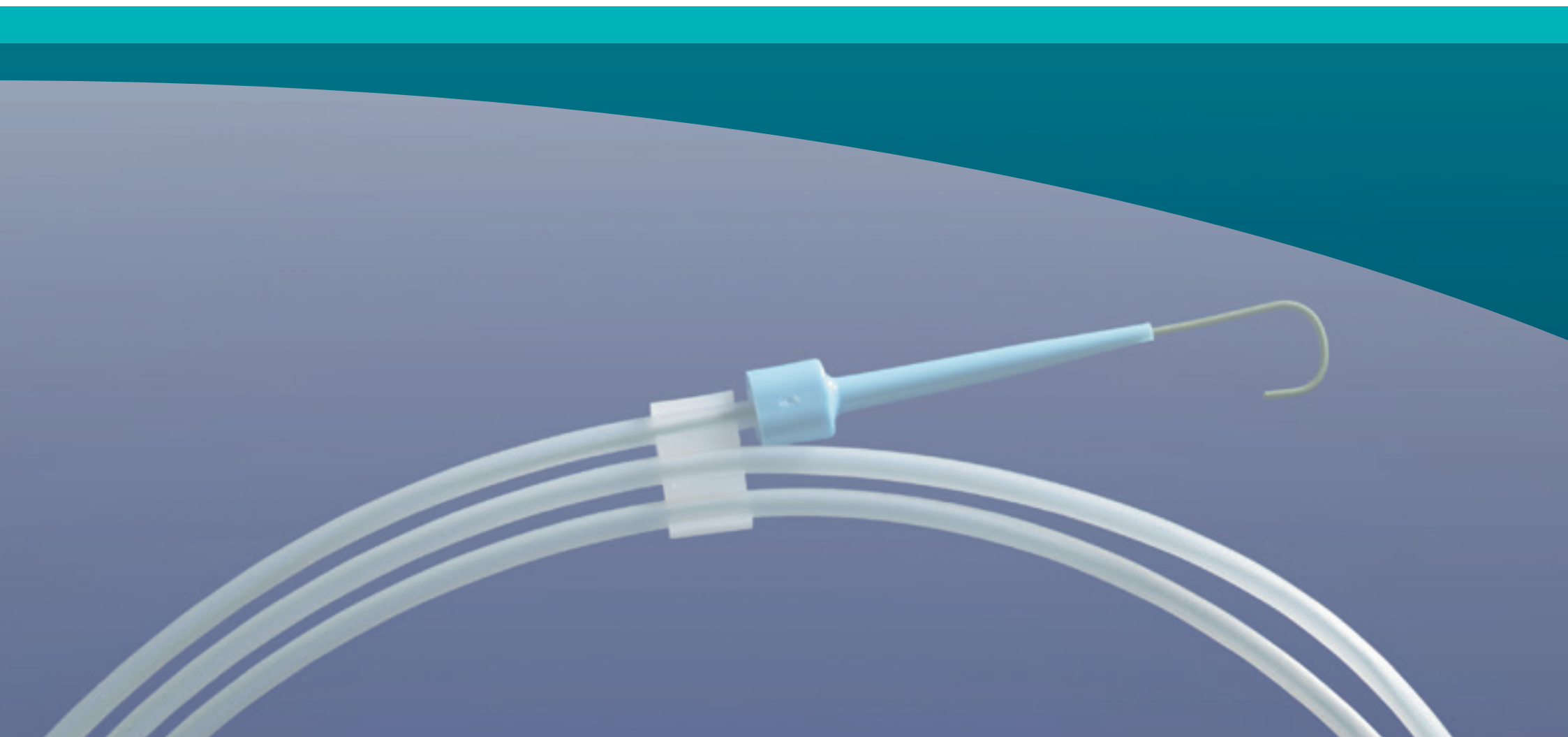


without mini-guidewire



# Diagnostic Guidewires

EMERALD™





# Guidewires

## Diagnostic Guidewires (EMERALD™)

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

## EMERALD™ Guidewires

PTFE pre-coated guidewire:

- Surface finish is uniform.
- Lower insertion and withdrawal force.

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

Inch	.018"	.025"	.032"	.035"	.038"
Emerald™ Diagnostic Guidewires	x	x	x	x	x



# Diagnostic Guidewires

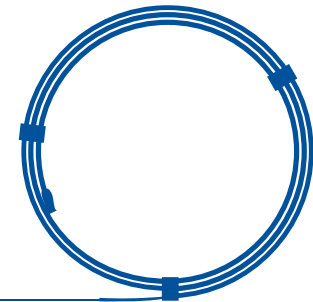
EMERALD™

## Amplatz Guidewires

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

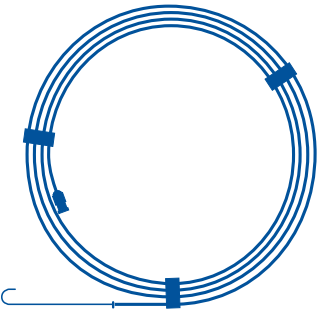
### PTFE-Coated Straight Tip

Diameter (inch)	Length (cm)	Cat. No.
0.035	150	502581A



### PTFE-Coated J-Curve

Diameter (inch)	Length (cm)	J-Radius (mm)	Cat. No.
0.038	150	3	502570A
0.035	150	3	502571A





# Diagnostic Guidewires

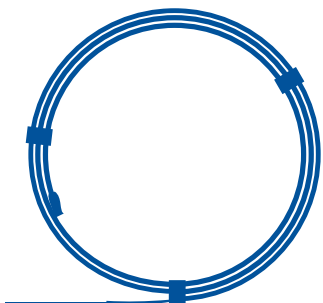
## EMERALD™

### Amplatz Super Stiff Guidewires

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

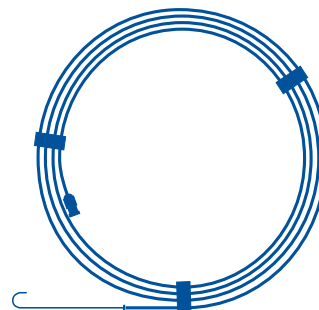
#### PTFE-Coated Straight Tip

Diameter (inch)	Length (cm)	Cat. No.
0.035	150	502726
0.035	180	502728
0.035	260	502442E



#### PTFE-Coated J-Curve

Diameter (inch)	Length (cm)	J-Radius (mm)	Cat. No.
0.035	150	3	502731
0.035	180	3	502733
0.035	260	3	502735







# Diagnostic Guidewires

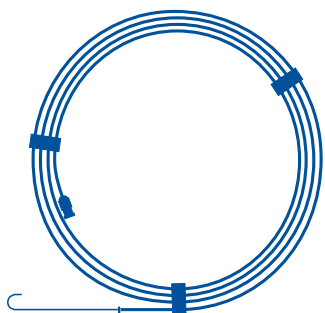
## EMERALD™

### Rosen Heavy Duty Guidewires

- For percutaneous entry and guidance of angiographic catheters.
- Highly atraumatic tip.
- 5 units per package.

#### PTFE-Coated J-Curve

Diameter (inch)	Length (cm)	J-Radius (mm)	Cat. No.
0.035	180	1.5	502717





# Diagnostic Guidewires

EMERALD™

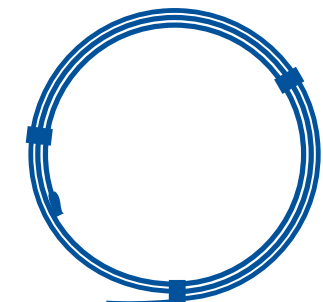
## Fixed-Core Guidewires

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

### PTFE-Coated Straight Tip

Diameter (inch)	Length (cm)	Flexible End (cm)	Cat. No.
0.025	150	7	502549
0.032	150	7	502548
0.035*	150	7	502542
0.035	150	10	502544**
0.035*	150	20	502560

\*with floppy tip    \*\*Newton LT



### PTFE-Coated Double-Ended

Diameter (inch)	Length (cm)	Flexible End (cm)	Flexible End - J-Curve (cm)	J-Radius (mm)	Cat. No.
0.035	150	3	7	2	502563

### PTFE-Coated J-Curve

Diameter (inch)	Length (cm)	Flexible End (cm)	J-Radius (mm)	Cat. No.
.025	150	7	3	502524
.032	150	7	3	502526
.035	80	7	3	502701
.035	150	7	1.5	502531
.035 high strength	175	7	1.5	502534
.035	150	7	3	502521
.035	175	7	3	502585
.035	150	7	15	502535
.038	150	7	3	502520
.038	150	7	6	502588



# Diagnostic Guidewires

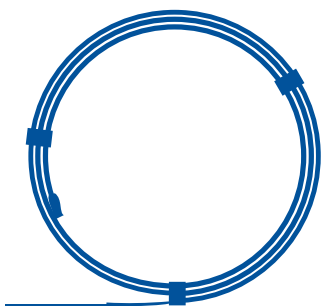
## EMERALD™

### Fixed-Core Exchange Guidewires

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

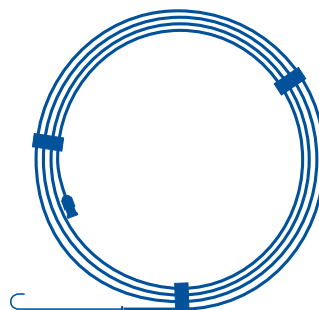
#### PTFE-Coated Straight Tip

Diameter (inch)	Length (cm)	Flexible End (cm)	Cat. No.
0.032	260	7	502554
0.035	220	7	502558
0.035	260	7	502555
0.038	260	7	502553



#### PTFE-Coated J-Curve

Diameter (inch)	Length (cm)	Flexible End (cm)	J-Radius (mm)	Cat. No.
0.018	260	7	3	502456
0.025	260	7	3	502452
0.035	260	7	3	502455
0.038	260	7	3	502453





# Diagnostic Guidewires

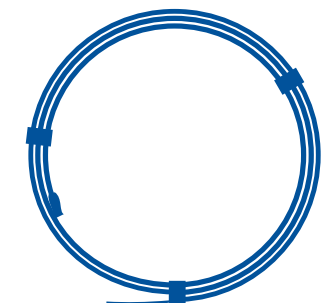
## EMERALD™

### Movable-Core Guidewires

- For use in percutaneous entry and guidance of angiographic catheters.
- With 4cm handle.
- 5 units per package.
- Amplatz movable core guidewires in the same configurations as below are available on request.

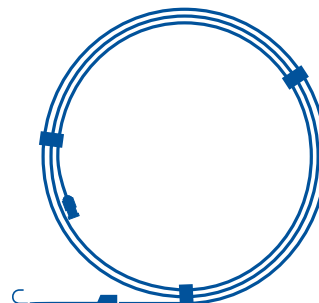
#### PTFE-Coated Straight Tip

Diameter (inch)	Length (cm)	Cat. No.
0.035	150	502581



#### PTFE-Coated J-Curve

Diameter (inch)	Length (cm)	J-Radius (mm)	Cat. No.
0.035	150	3	502571





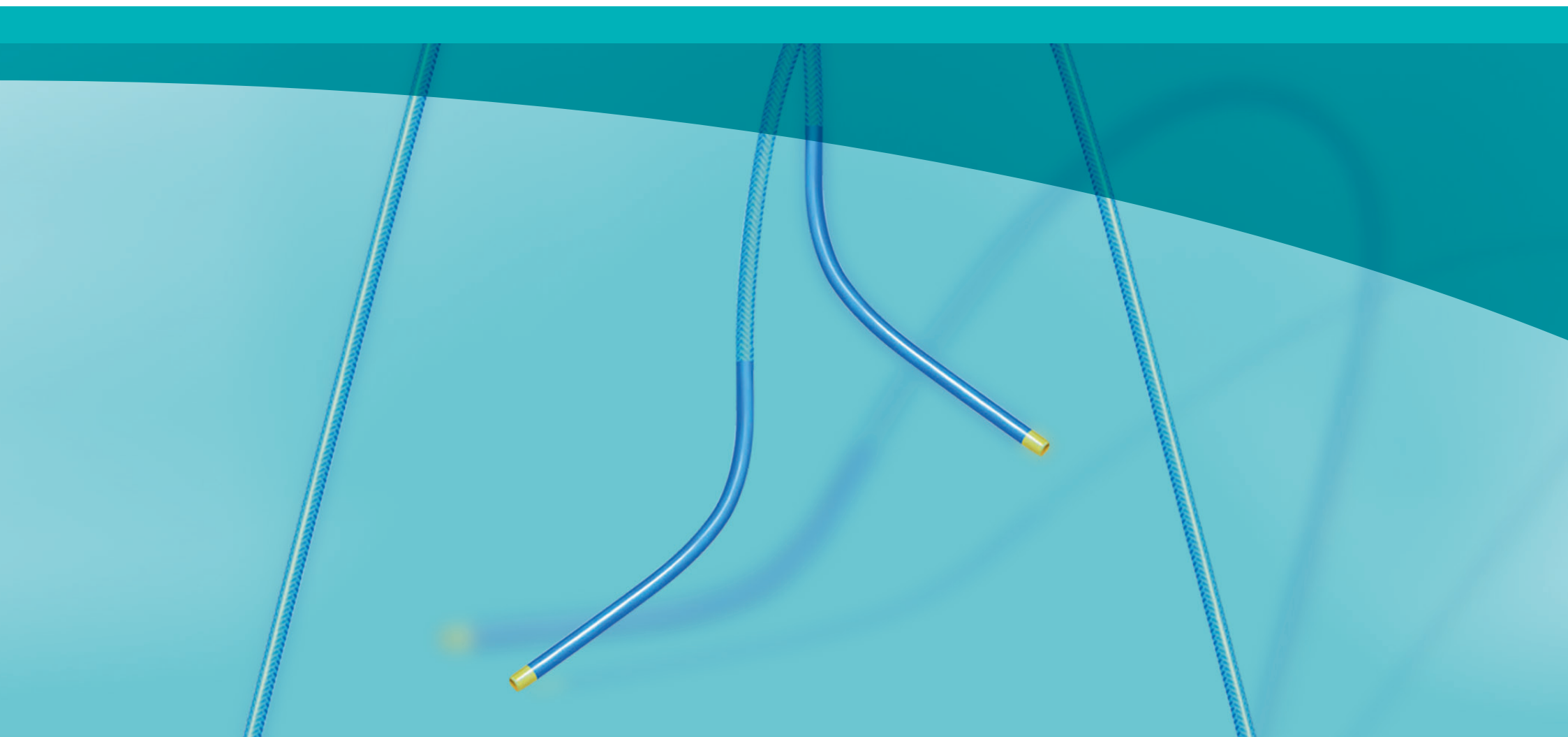
# Diagnostic Catheters

SUPER TORQUE™ MB

TEMPO®

NYLEX™

TEMPO AQUA®







# Diagnostic Catheters

## General Information

Cordis has an extensive line of diagnostic catheters both for selective and flush applications.

**NYLEX™, TEMPO® and TEMPO AQUA®**

**Catheters** have a Nylon body and the Super Torque line has a Polyurethane body.

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.

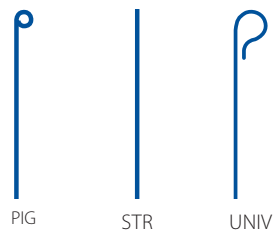
TEMPO AQUA® has a truly bonded hydrophilic coating, that enables a smooth passage through the vessel. All commonly used shapes are available in different French-sizes.



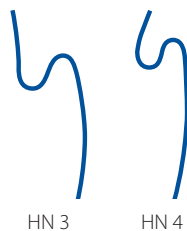
# Diagnostic Catheters

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

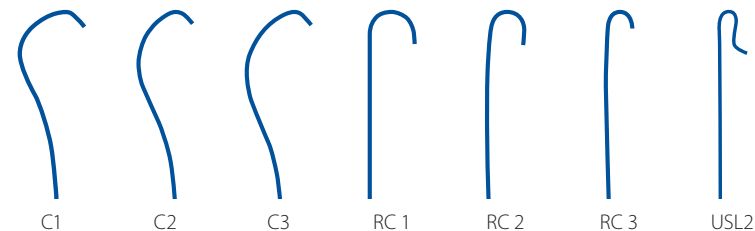
## Flush Catheters



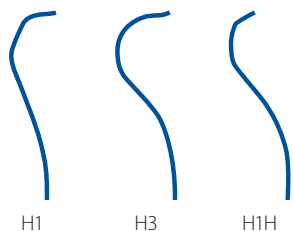
## Newton



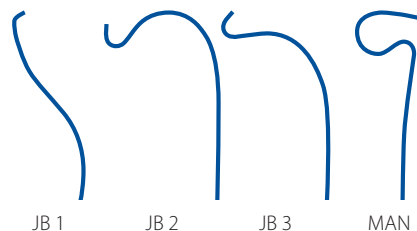
## Cobra, J Curve



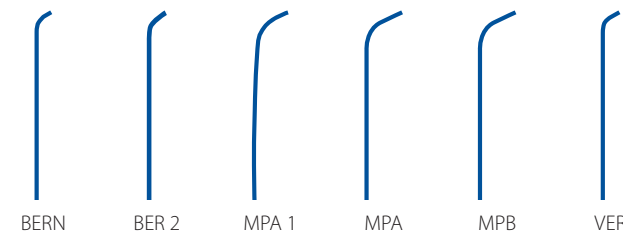
## Headhunter



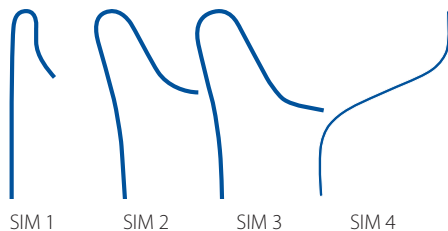
## Bentson, Mani



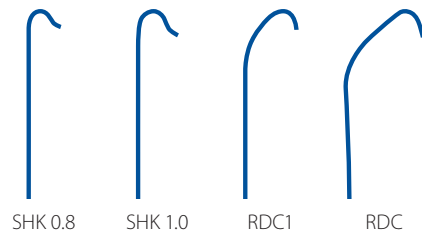
## Multipurpose, Vertebral



## Sidewinder



## Shepherd Hook, Renals





# Diagnostic Catheters

## Flush Catheters

### Flow Rate Chart (ml/s)

Lengths (cm)	65	90	100	110
TEMPO® 4F	23	20	19	18
TEMPO® 5F	31	27	25	24
NYLEX™ 4F	21	18	17	16
NYLEX™ 5F	33	28	26	24

### Inner Diameter Specifications

	ID Body (inches)	ID Tip (inches)	Guidewire Acceptance (inches)
TEMPO® 4F	.042	.042**	.035
TEMPO® 5F	.048	.043	.035
NYLEX™ 4F	.040	.038	.035
NYLEX™ 5F	.050	.038	.035

\*\* .038" for pigtail



# Diagnostic Catheters

## Flush Catheters

### NYLEX™ 4F & 5F

- Non-braided Nylon body.
- High flow rates.
- 1050 psi pressure limit.
- One piece construction.
- 5 units per package.

### TEMPO® 4F & 5F

- Braided Nylon body.
- Neon TIP (tungsten filled radiopaque tip).
- High flow rates.
- 1200 psi pressure limit.
- SLX® coating.
- 5 units per package.

	4F TEMPO®		5F TEMPO®		4F NYLEX™		5F NYLEX™	
Lengths (cm)	SH	Cat. No.	SH	Cat. No.	SH	Cat. No.	SH	Cat. No.
<b>Pigtail (PIG)</b>								
65	5	451403V5	5	451503V5	8	526410	8	526510
65			5	451502V5			8	526530
90			5	451503F5	8	526411	8	526511
100	5	451403H5	5	451503H5	8	526412	8	526512
110	5	451403L5	5	451503L5			8	526513
<b>Universal Flush (UNIV)</b>								
65	5	451404V5	5	451504V5	8	526440	8	526540
90	5	451404F5	5	451504F5			8	
100					8	526442		
<b>Straight (STR)</b>								
65	5	451401V5	5	451501V5	8	526420	8	526520
90	5	451401F5	5	451501F5	8	526421	8	526521
100	5	451401H5	5	451501H5	8	526422	8	526522
110			5	451501L5			8	526523

\*SH (Side Holes)





# Diagnostic Catheters

## Selective Catheters

### Flow Rate Chart (ml/s)

Lengths (cm)	65	80	100	125
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)
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

### TEMPO® 4F & 5F

- Braided Nylon body.
- Neon TIP (tungsten filled radiopaque tip).
- Lipiodol resistant hub.
- Micro-catheter compatibility.
- SLX® coating.
- 5 units per package.

### TEMPO AQUA® 4F & 5F

- Braided Nylon body.
- Neon TIP (tungsten filled radiopaque tip).
- Lipiodol resistant hub.
- Micro-catheter compatibility.
- Hydrophilically coated distal shaft.
- 5 units per package.

	4F TEMPO®		5F TEMPO®		4F TEMPO AQUA®		5F TEMPO AQUA®	
Lengths	SH	Cat. No.	SH	Cat. No.	SH	Cat. No.	SH	Cat. No.
<b>Multipurpose Small</b>								
65cm		451406V0		451506V0				
80cm	2	451406S2	2	451506S2				
100cm		451406H0		451506H0				
100cm			2	451506H2				
125cm		451406P0		451506P0				
125cm			2	451506P2				
<b>Multipurpose Adult (MPA)</b>								
65cm		451407V0		451507V0				
80cm	2	451407S2	2	451507S2				
100cm						452407H0 <sup>1</sup>		452507H0 <sup>1</sup>
100cm	2	451407H2	2	451507H2				
<b>Multipurpose B (MPB)</b>								
65cm	2	451408V2						

<sup>1</sup>Sold by one unit \*SH (Side Holes)



MULTIPURPOSE SMALL



MPA



MPB



# Diagnostic Catheters

## Selective Visceral Catheters

	4F TEMPO®		5F TEMPO®		4F TEMPO AQUA®		5F TEMPO AQUA®	
Lengths	SH	Cat. No.	SH	Cat. No.	SH	Cat. No.	SH	Cat. No.
<b>Renal Double Curve Small</b>								
80		451446S0		451546S0				
<b>Renal Double Curve Adult</b>								
80		451447S0		451547S0				
80			2	451547S2				
<b>Child 1 (C1)</b>								
65		451442V0		451542V0		452442V0 <sup>1</sup>		452542V0 <sup>1</sup>
65	2	451442V2	2	451542V2				
<b>Small Adult (C2)</b>								
65		451443V0		451543V0		452443V0 <sup>1</sup>		452543V0 <sup>1</sup>
65	2	451443V2	2	451543V2				
80						452443S0 <sup>1</sup>		
100		451443H0		451543H0				
<b>Normal Adult (C3)</b>								
65		451444V0		451544V0				
65			2	451544V2				

<sup>1</sup>Sold by one unit    \*SH (Side Holes)



RENAL DOUBLE CURVE SMALL



RENAL DOUBLE CURVE ADULT



C1



C2



C3



# Diagnostic Catheters

## Selective Visceral Catheters

	4F TEMPO®	5F TEMPO®		
Lengths	SH	Cat. No.	SH	Cat. No.
Shepherd Hook I (SHK I)				
65cm		451449V0		451549V0
Shepherd Hook II (SHK II)				
65cm		451450V0		451550V0
J-Curve I				
65cm		451455V0		451555V0
J-Curve II				
65cm		451456V0		451556V0
J-Curve III				
65cm		451457V0		451557V0
Uni Select II				
80cm		451418S0		451518S0

<sup>1</sup>Sold by one unit

\*SH (Side Holes)





# Diagnostic Catheters

## Selective Cerebral Catheters

	4F TEMPO®	5F TEMPO®	4F TEMPO AQUA®	5F TEMPO AQUA®
Lengths	SH	Cat. No.	SH	Cat. No.
<b>Sidewinder Simmons Technique I (SIM1)</b>				
100cm		451430H0		451530H0
100cm		2		451530H2
<b>Sidewinder Simmons Technique II (SIM2)</b>				
100cm		451431H0		451531H0
100cm		2		451531H2
<b>Sidewinder Simmons Technique III (SIM3)</b>				
100cm		451432H0		451532H0
100cm		2		451532H2

<sup>1</sup>Sold by one unit

\*SH (Side Holes)



SIM1



SIM2



SIM3



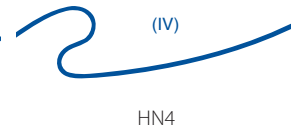
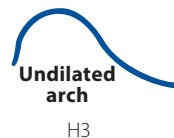
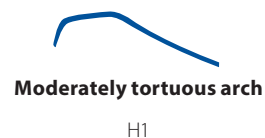
# Diagnostic Catheters

## Selective Cerebral Catheters

	4F TEMPO®		5F TEMPO®		4F TEMPO AQUA®		5F TEMPO AQUA®	
Length	SH	Cat. No.	SH	Cat. No.	SH	Cat. No.	SH	Cat. No.
Headhunter I (H1)								
100cm		451435H0		451535H0		452435H0 <sup>1</sup>		452535H0 <sup>1</sup>
Headhunter III (H3)								
100cm				451539H0				
Newton III (HN3)								
100cm				451520H0				
Newton I V (HN4)								
100cm		451421H0		451521H0				
Mani (MAN)								
100cm				451512H0		452412H0		

<sup>1</sup>Sold by one unit

\*SH (Side Holes)





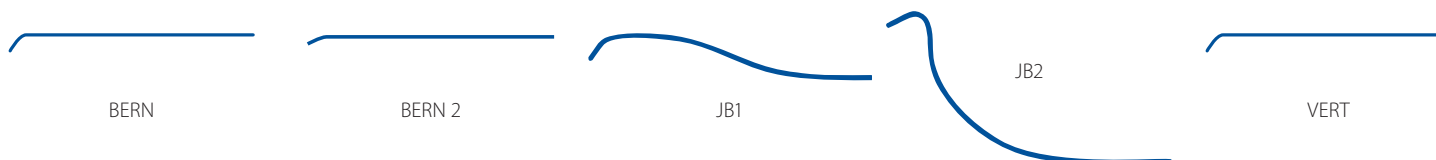
# Diagnostic Catheters

## Selective Cerebral Catheters

	4F TEMPO®		5F TEMPO®		4F TEMPO AQUA®		5F TEMPO AQUA®	
Lengths (cm)	SH	Cat. No.	SH	Cat. No.	SH	Cat. No.	SH	Cat. No.
<b>Berenstein (BERN)</b>								
65		451413V0		451513V0				
100		451413H0		451513H0		452413H0 <sup>1</sup>		452513H0 <sup>1</sup>
<b>Berenstein II (BERN 2)</b>								
65		451415V0		451515V0				
100		451415H0		451515H0				
<b>Bentson-Hanafee-Wilson I (JB1)</b>								
100		451423H0		451523H0				
<b>Bentson-Hanafee-Wilson II (JB2)</b>								
100		451424H0		451524H0				
<b>Vertebral (VERT)</b>								
100		451414H0		451514H0		452414H0 <sup>1</sup>		452514H0 <sup>1</sup>

<sup>1</sup>Sold by one unit

\*SH (Side Holes)





# Diagnostic Catheters

## Calibration Catheters

### Flow Rate Chart (ml/s)

Lengths (cm)	65 (20 gold)	70 (2 gold)	110 (10 gold)	110 (20 gold)
SUPER TORQUE™ Markerbands 5F	23	22	18	18

### SUPER TORQUE™ MB

- 2cm spacing per beginning of each marker.
- 5 units per package.

Lengths (cm)	French Size	Cat. No.	Gold-alloy Marker Bands	Side Holes
65	5	532598C	20	8
110	5	532598B	20	6
110	5	532598A	10	6





# CTO Catheters

OUTBACK™ Elite







# CTO Catheters

## General Information

### OUTBACK™ Elite Re-Entry Catheters

The **OUTBACK™** enables re-entry of a guidewire from the subintimal space back into true lumen of the vessel.

- Available in 120 and 80cm shaft lengths.
- Highly visible “L” and “T” markers orient the re-entry cannula toward the true lumen easily, eliminating the need for additional visualisation equipment.
- Helps reduce time under fluoroscopy<sup>1</sup>: on an average it takes less than 10 minutes to gain re-entry thus helping in reducing radiation exposure time and may help increase procedure volume.
- Braided catheter shaft provides effective torque control and helps easy and quick positioning of the OUTBACK™ Elite towards the target re-entry site.



1. Gandini, R., Fabiano, S., Spano, S., Volpi, T., Morosetti, D., Chiaravalloti, A., Nano, G. and Simonetti, G. (2013), – Randomised control study of the Outback Ltd re-entry catheter versus manual re-entry for the treatment of chronic total occlusions in the superficial femoral artery. Cathet. Cardiovasc. Intervent., 82: 485–492. doi: 10.1002/ccd.24742. With manual re-entry using the traditional antegrade/retrograde approach (additional Doppler visualisation required).



# CTO Catheters

## OUTBACK™ Elite Re-Entry Catheter

- Unique Re-Entry technology.
- Highly visible “L” and “T” markers.
- Helps reduce time under fluoroscopy.
- Braided catheter shaft.
- 1 unit per package.

Product Name	Usable Length (cm)	Sheath Compatibility (F)	Crossing Profile (F)	Cat. No.
OUTBACK™ Elite Re-Entry catheter	80	6	5.9	OTB59080A
OUTBACK™ Elite Re-Entry catheter	120	6	5.9	OTB59120A

## Recommended OUTBACK™ Elite Catheters Compatible .014” Guidewires

Wires with solder joints are not recommended for use with OUTBACK™ Elite Catheters.

Product Name	Total Length (cm)	Tip Flexibility	Tip Shape	Cat. No.
STABILIZER™ Plus Guidewire	180	Supersoft	Straight	507114
STABILIZER™ Extra Support	300		Straight	527300E
STABILIZER™ Plus Guidewire	300	Supersoft	Straight	507114X
STABILIZER™ Plus Guidewire	300	Supersoft	J	507114Y

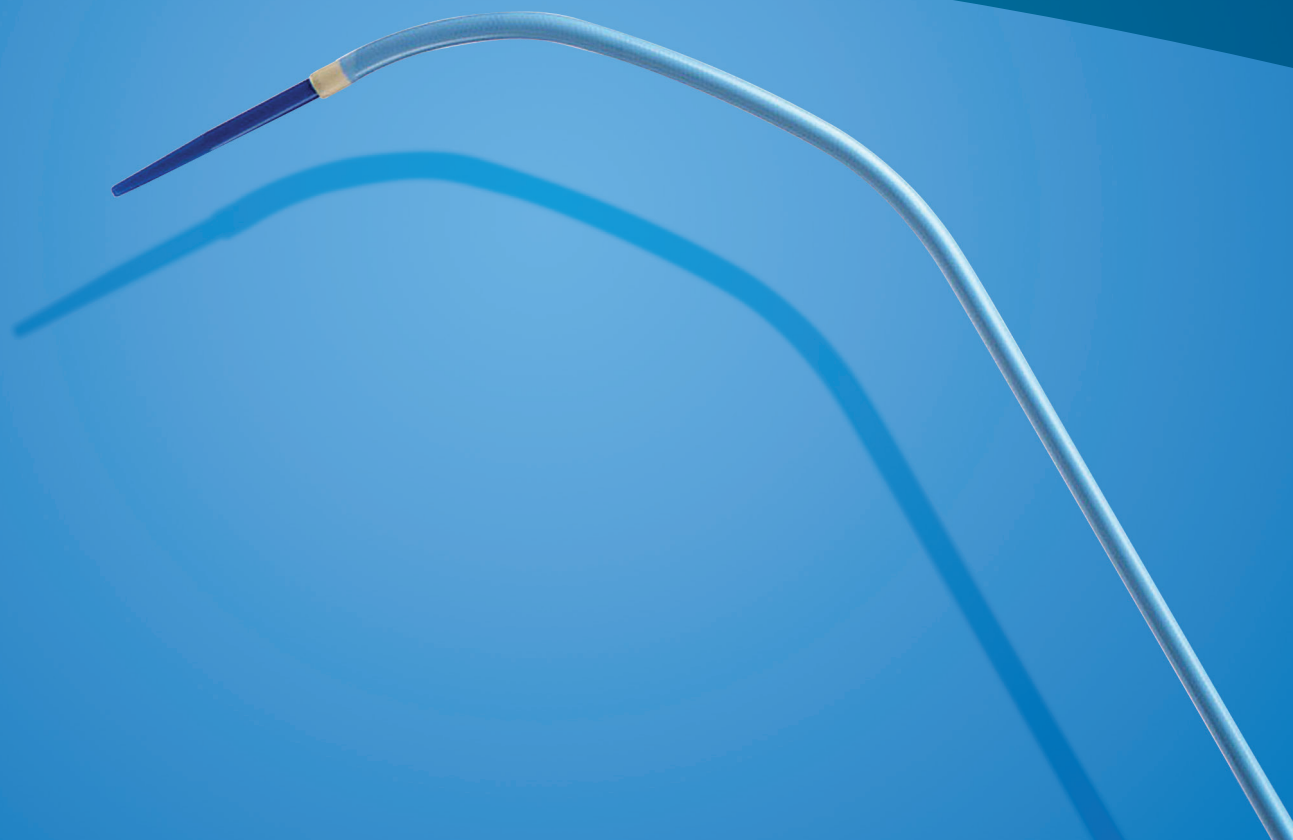
Packaged five per box. Order in quantities of five each



# Guiding Catheters

VISTA BRITE TIP®

VISTA BRITE TIP® IG





# Guiding Catheters

## General Information

### VISTA BRITE TIP®

Guiding catheters have extra large lumen and are available in different shapes for precise placement. Cordis has also introduced the extra large lumen 6F .070" ID **VISTA BRITE TIP®**.

It provides value to physicians by having a larger lumen while maintaining the 6F OD and performance characteristics of the **VISTA BRITE TIP®**.

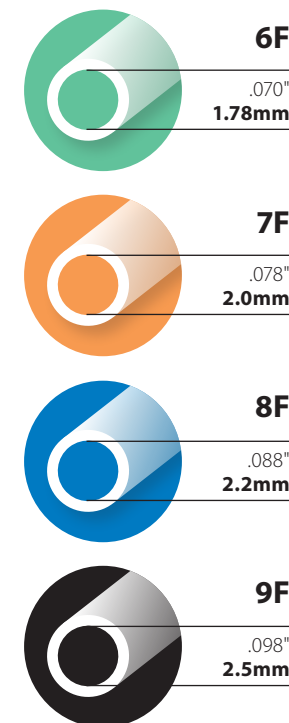
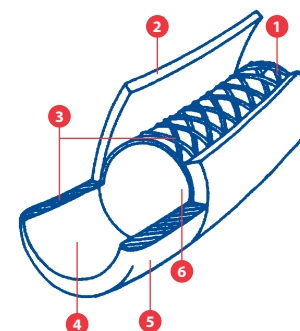
- Braided shaft.
- Extra large lumen.
- Very suitable for tortuous vessels.
- Reliable tip shape memory.
- Highly radiopaque distal tip.
- Different shapes available.

### VISTA BRITE TIP® IG

Combines the guiding qualities and handling of the **VISTA BRITE TIP®** guiding catheter with the sheath introducer advantages of the **AVANTI+™** in one unique device.

- Hybrid between a guiding catheter and a sheath introducer.
- Braided shaft.
- Sheathless insertion possible, allowing for smaller puncture size.
- Unique SLIX valve for uncompromised valve hemostasis.
- Extra large lumen.
- Very suitable for tortuous vessels.
- Reliable tip shape memory.
- Highly radiopaque distal tip.
- Different shapes available.
- Package includes a vessel dilator.

- Lengths: 55cm/90cm/95cm/125cm
- 1 unit per package.



#### Extended Braiding

- 1 Stainless Steel Braid
- 2 Nylon Top Coat
- 3 Extended Braiding Transition Tip
- 4 Brite Tip
- 5 PTFE Inner Liner
- 6 .070"  
.078"  
.088"  
.098"



# Guiding Catheters

## VISTA BRITE TIP® & VISTA BRITE TIP® IG

	6F	7F	7F	8F	8F	9F	9F
	Vista Brite Tip®	Vista Brite Tip®	Vista Brite Tip® IG	Vista Brite Tip®	Vista Brite Tip® IG	Vista Brite Tip®	Vista Brite Tip® IG
Length (cm)	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.
<b>Straight (STR)</b>							
55	67028055	77828055		588843P	4038553S	598943P	
90	67028090	77828090		588844P		598944P	
95					4038953S		
<b>Multipurpose (MPA)</b>							
55	67027055		4037553M	588840P	4038553M		
90	67027090	77827090		588842P		598942P	
95					4038953M		4039953M
<b>Multipurpose (MPC)</b>							
95				5888206*			
<b>Hockey stick (HS)</b>							
55	67027855	77827855	4037553H	588841P	4038553H		

\* For carotid indications.





# Guiding Catheters

## VISTA BRITE TIP® & VISTA BRITE TIP® IG

	6F	7F	7F	8F	8F
	Vista Brite Tip®	Vista Brite Tip®	Vista Brite Tip® IG	Vista Brite Tip®	Vista Brite Tip® IG
Length	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.
<b>Renal Curve I Small (RDC I)</b>					
55cm	67021055	77821055	4037553R	588845P	4038553R
<b>Renal Curve Adult (RDC II)</b>					
55cm	67021255	77821255	4037553A	588846P	4038553A
<b>J-Curve (J)</b>					
55cm	67021455	77821455			
<b>Contralateral I (CONTRA I)</b>					
55cm	77822255	4037553C	588857P	4038553C	
<b>Contralateral II (CONTRA II)</b>					
55cm		588858P			
<b>Vertebral (VTBL)</b>					
90cm	77821690	588847P			

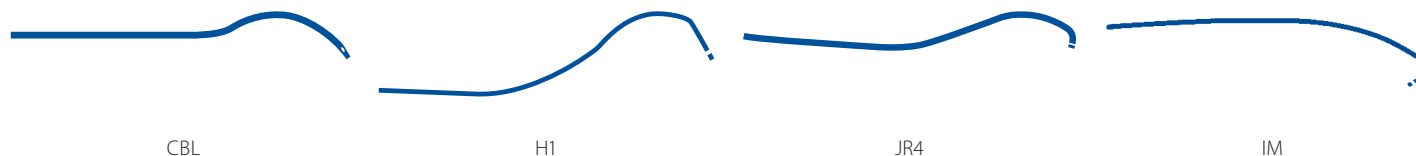




# Guiding Catheters

## VISTA BRITE TIP® & VISTA BRITE TIP® IG

	6F Vista Brite Tip®	7F Vista Brite Tip®	8F Vista Brite Tip®	8F Vista Brite Tip® IG
Length	Cat. No.	Cat. No.	Cat. No.	Cat. No.
<b>Modified Cerebral Burke (CBL)</b>				
90cm	67021890	77825090		
95cm				4038953B
<b>Headhunter (H1)</b>				
95cm			5888202	
<b>Judkins right 4 (JR4)</b>				
55cm	67008255			
<b>Internal Mammary (IM)</b>				
55cm	67019055			





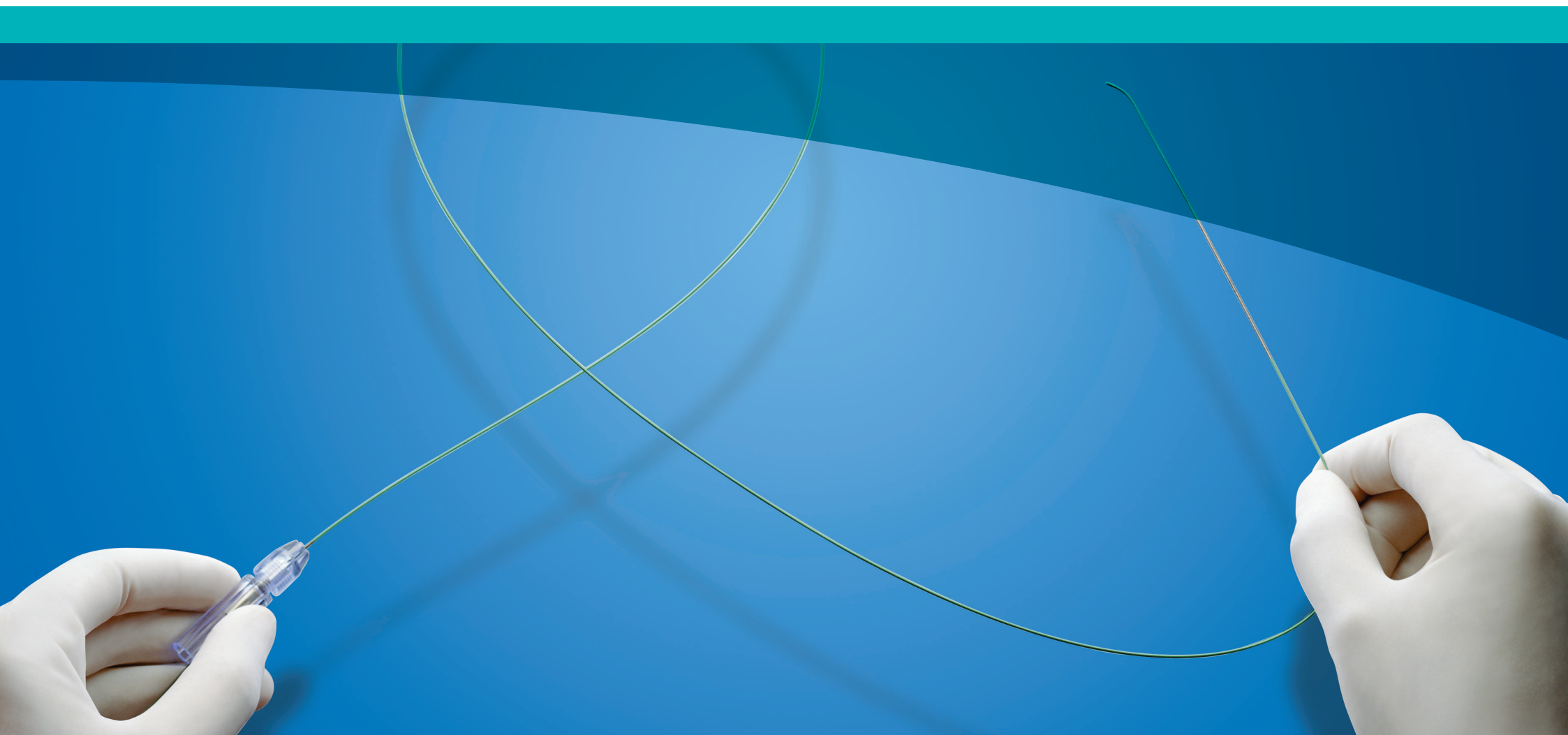
# Steerable Guidewires

AQUATRACK®

JINDO™

STORQ™

STABILIZER™







# Guidewires

## General Information

### Hydrophilic Coated Guidewire (AQUATRACK®)

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®

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

### Steerable Guidewires

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

#### STABILIZER™

##### Balanced Performance.

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

### JINDO™

JINDO™ is a steerable wire with a soft and atraumatic .022" tip and a very supportive .035" shaft allowing physicians to complete renal procedure with a single guidewire. The distal part is covered with a PTFE sleeve to maximise lubricity while keeping excellent wire control. Three different taper lengths allow you to choose the right configuration for multiple situations.

### STORQ™

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

Inch	.014"	.035"	.035">.022"
<b>Hydrophilic Coated</b>			
AQUATRACK®		X	
<b>Steerable</b>			
Jindo™			X
Storq™		X	
Stabilizer™	X		



# Hydrophilic Coated Guidewires

## AQUATRACK®

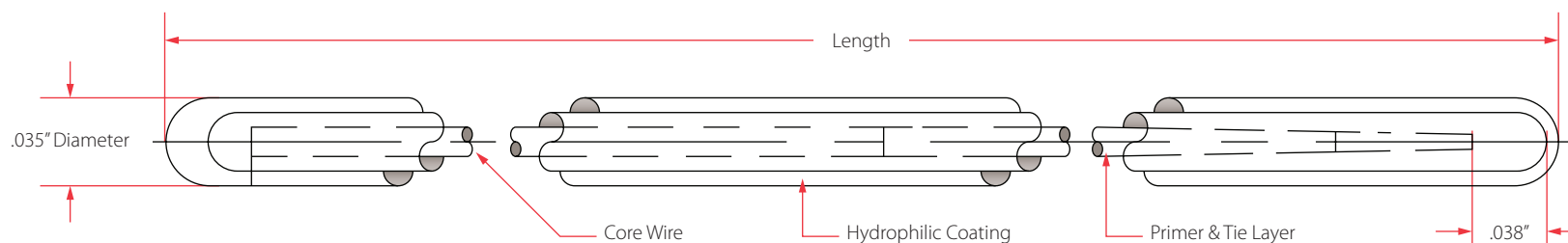
- Guidewire OD: .035".
- Nitinol core wire.
- Photolink Hydrophilic Coating.
- Torque device included with each wire.
- 5 units per package.

### Regular - Wire Tapers Over 8"

Length	Stiffness	Taper	Tip	Cat. No.
150cm	Regular	Short	Angled	C3515RSA
150cm	Regular	Short	Straight	C3515RSS
180cm	Regular	Short	Angled	C3518RSA
180cm	Regular	Short	Straight	C3518RSS
260cm	Regular	Short	Angled	C3526RSA

### Stiff - Wire Tapers Over 5"

Length	Stiffness	Taper	Tip	Cat. No.
150cm	Stiff	Short	Angled	C3515SSA
180cm	Stiff	Short	Angled	C3518SSA
260cm	Stiff	Short	Angled	C3526SSA
260cm	Stiff	Short	Straight	C3526SSS





# Steerable Guidewires

## Light Support

### STORQ™

- 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)	Cat. No.
.035	Straight	180	503256

#### Soft Tip

Diameter (inch)	Tip Shape	Length (cm)	Cat. No.
.035	Straight	180	503356
.035	Angled	180	503356J
.035	Straight	300	503356X
.035	Angled	300	503356Y

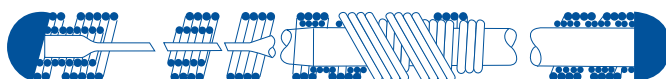
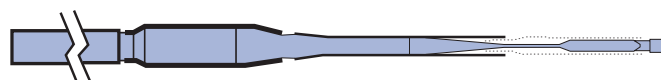
#### Standard Tip

Diameter (inch)	Tip Shape	Length (cm)	Cat. No.
.035	Straight	180	503456
.035	Angled	180	503456J
.035	Straight	300	503456X

### JINDO™

- .035" - .022"
- Distal part covered with PTFE sleeves.
- Straight shapeable radiopaque tip.
- 5 units per package.

Diameter (inch)	Sleeve	Taper	Length (cm)	Cat. No.
.035	Short	Short	180	503452
.035	Long	Short	300	503453
.035	Long	Intermediate	300	503553





# Steerable Guidewires

## Extra Support

### STABILIZER™

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

### STABILIZER™ SUPPORT

Diameter (inch)	Length (cm)	Tip Shape	Cat. No.
.014	300	Straight	507300S

### STABILIZER™ EXTRA SUPPORT

Diameter (inch)	Length (cm)	Tip Shape	Cat. No.
.014	Straight	300	527300E

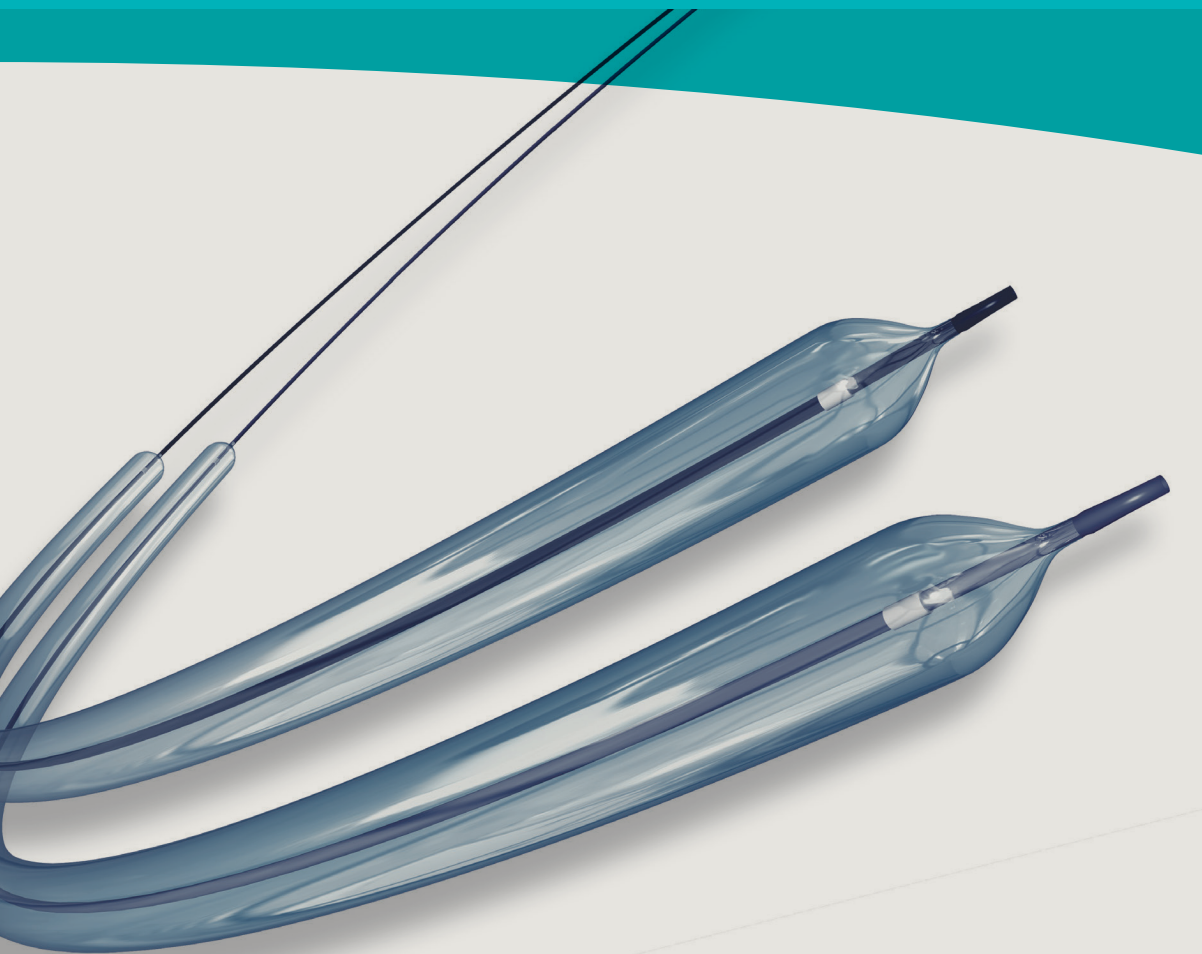




# PTA-Balloons

MAXI LD™ PTA

AVIATOR® Plus





# PTA-Balloons

Cordis offers a range of **PTA Balloon Catheters** providing solutions for the widest possible range of procedures. In addition to featuring Cordis' renowned quality, each balloon incorporates a specific set of characteristics that optimises the outcomes of the applications it is designed for.

**All Cordis PTA balloons are made out of DURALYN™, a unique balloon material with superior characteristics:**

- High puncture resistance: ideal for stent placement or post-dilatation of stent as well as for dilating hard lesions
- Versatile high strength balloon material: enables us to provide you with a complete range of products with different profiles and pressure capabilities.
- Great flexibility: balloon conforms to tortuous vessels and crosses difficult to reach lesions.
- Low crossing profiles and exceptional rewrap characteristics: ideal for primary and secondary profiles.
- Soft material: friendly to the vessel wall and creating smoother transitions.
- Reputable durability: enabling you to use the same balloon several times during the same procedure while keeping the same secondary profile, hence creating substantial savings for the hospital and contributing to the safety of the patient.

## MAXI LD™ PTA Catheter .035" Guidewire Compatibility

### For Abdominal Aortic Needs

- Large diameter balloon (up to 25mm)
- Short shoulders facilitate dilation at the aortic bifurcation
- Braided inner body for excellent stability
- Class IIa product indicated for peripheral arteries below the aortic arch

## AVIATOR® Plus .014" Guidewire Compatibility

### For Carotid and Renal Needs

- Ultra low profile balloon.
- Shaft designed for excellent pushability.
- Smooth tip-to-wire transition.

### CATALOGUE NUMBER COMPOSITION

Example 1 - MAXI LD™ PTA catheter

Balloon Type code	OD x length	Shaft length
416	15 20	S

Product	Type	Guidewire Compatibility (inch)	Balloon Diameter (mm)	Rated Burst Pressure (atm)	Balloon Material	Shaft Construction	Balloon Type Code
MAXI LD™	Over-The-Wire	.035	14-25	6, 5	DURALYN™	Coaxial	416
AVIATOR® Plus	Rapid Exchange	.014	4-7	up to 14	DURALYN™	RX Coaxial	424



# PTA-Balloons

## .035" Guidewire Compatibility

### MAXI LD™ PTA catheter

#### Large Diameter Balloon

- Coaxial 7F over-the-wire shaft.
- Braided Inner body.
- 5 and 6 atm rated burst pressure.
- Large product range.
- One piece hub.

Balloon OD x Length (mm x cm)	Rated Burst Pressure (atm)	Recommended Sheath Fit (F)	Cat. No.	Shaft Length (cm)	
				80	110
14 x 4	6	8	4161440	S	L
15 x 4	6	9	4161540	S	
16 x 4	6	10	4161640	S	L
16 x 6	6	10	4161660		L
18 x 4	6	10	4161840	S	L
20 x 4	6	11	4162040	S	L
20 x 8	6	11	4162080		LF
22 x 4	5	12	4162240		L
25 x 4	5	12	4162540		L





# PTA-Balloons

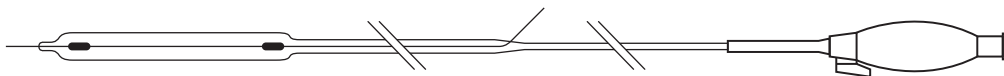
## .014" Guidewire Compatibility

### AVIATOR® Plus

#### .014" Rapid Exchange Balloon

- Coaxial rapid exchange shaft
  - 3.3F distally (25cm length).
  - 3.3F proximal with stiffening wire.
- High rated burst pressure (14-12 atm).

Balloon OD x Length (mm x cm)	Rated Burst Pressure (atm)	Sheath Fit (F)	Guiding Catheter Fit (F)	Cat. No.	Shaft Length (cm) 142
4 x 2	14	4	6	4244020	W
5 x 2	14	4	6	4245020	W
6 x 2	14	4	6	4246020	W
7 x 2	12	4	6	4247020	W





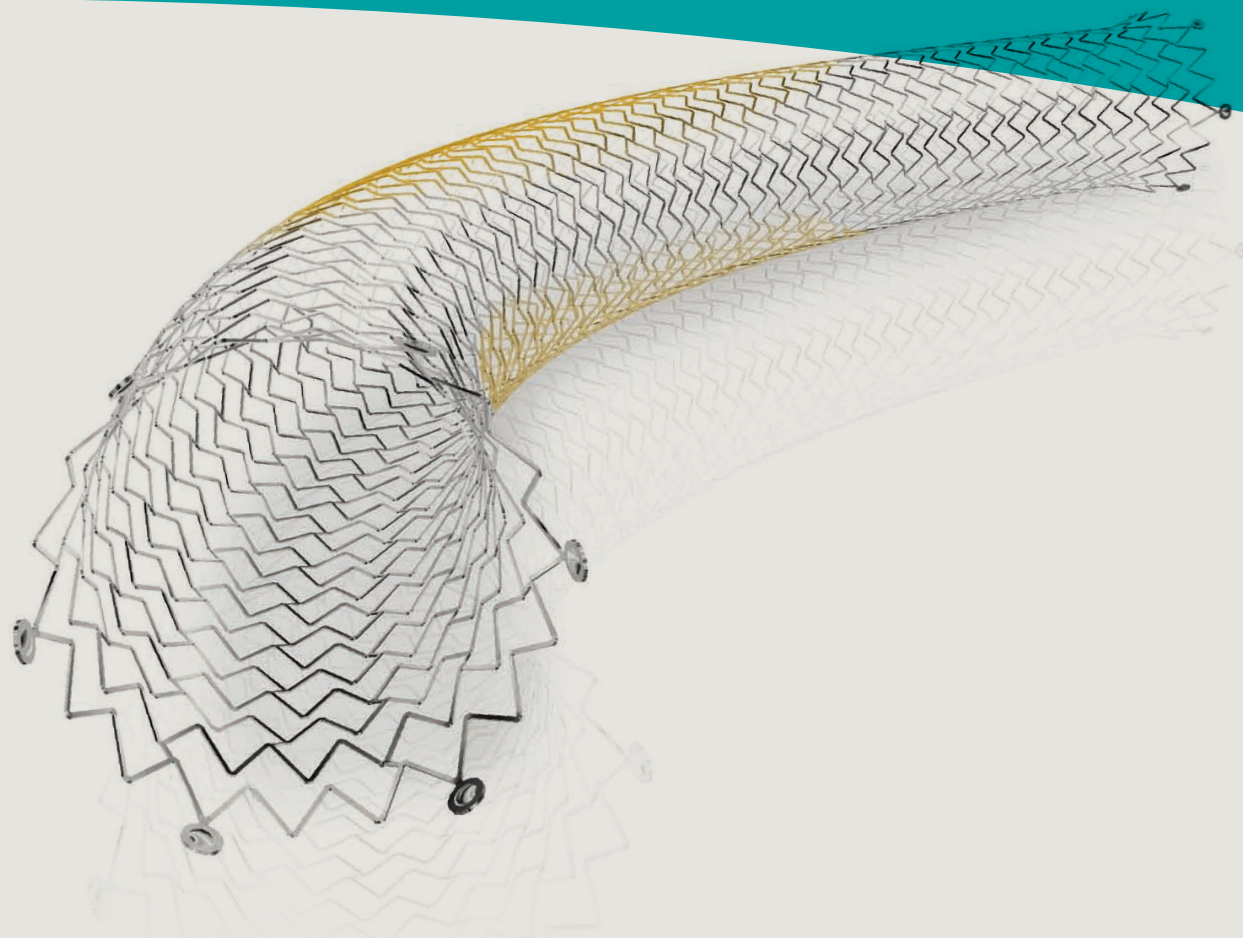


# Self-Expanding Stents

S.M.A.R.T.™ Flex

S.M.A.R.T. CONTROL™

PRECISE PRO RX®





# Self-Expanding Stents

## General Information

### **S.M.A.R.T.™ Flex** **Vascular Stent System**

**S.M.A.R.T.™ Flex** is one of our self-expanding stents. Its fully connected design is intended to reduce stretching at deployment, facilitating accurate placement.

The radiopaque markers help facilitate accurate placement and the simple delivery system offers an easy deployment.

#### **The S.M.A.R.T.™ Flex unique design offers:**

- Excellent fracture resistance due to helical strut bands and diameter-specific design.
- Wide range portfolio of sizes for treating both longer and small diameter lesions.
- Built upon the PALMAZ™ heritage with a tissue-to-metal ratio of 80% to 90% and high radial strength.
- Placement accuracy is supported by low deployment forces and fully connected architecture.
- High flexibility as a result of multiple flex bridges.
- Superior longitudinal stability from fully connected design and scaffolding.

### **S.M.A.R.T. CONTROL™** **Nitinol Stent System**

**S.M.A.R.T.™** is a one piece laser cut, self-expanding Nitinol stent combining a unique micromesh design with a multi-segmental construction.

#### **The unique S.M.A.R.T.™ design offers:**

- Crush recoverable flexibility in the most challenging vasculature.
- Optimal wall apposition and contourability.
- Reduced foreshortening for accurate placement.
- High radial resistive force.
- A large portfolio of lengths and diameters.
- Accuracy in stent placement.
- Ease of use.

### **PRECISE PRO RX®** **Nitinol Stent System (Carotid indications)**

The **PRECISE PRO RX®** is a one piece laser cut, Self Expanding Nitinol Stent combining a unique micromesh design with a multi-segmental design construction.

#### **The PRECISE PRO RX® Carotid stent system design offers:**

- Plaque scaffolding for uniform coverage.
- Accurate stent placement facilitated by PTFE coated support member.
- Proven results in clinical trials.



# Self-Expanding Stents

## S.M.A.R.T.™ Flex.

### .035" Vascular Stent System

- Type: Fully connected yet flexible stent design.
- Material: Nitinol, with radiopaque tantalum markers on stent ends.
- Maximum Guidewire: 0.035".
- Stent Lengths: 20 - 200 mm.
- Sheath Compatibility: 6F.
- **Stent Diameters:**
  - **5-8 mm** for use in the superficial femoral arteries and proximal popliteal arteries (Stent diameter should be 0.5-1.5 mm greater than vessel diameter).
- Stent Delivery System Working Lengths: 80 cm (S suffix) and 120 cm (M suffix).

Stent Diameter (mm)	Stent Length (mm)	Recommended Lumen Size (mm)	Recommended Sheath Introducer Size	Cat. No.	
				Delivery System Length	
				80 cm	120 cm
5	30	3.5-4.5	6	SF05030SV	SF05030MV
5	40	3.5-4.5	6	SF05040SV	SF05040MV
5	60	3.5-4.5	6	SF05060SV	SF05060MV
5	80	3.5-4.5	6	SF05080SV	SF05080MV
5	100	3.5-4.5	6	SF05100SV	SF05100MV
5	120	3.5-4.5	6	SF05120SV	SF05120MV
5	150	3.5-4.5	6	SF05150SV	SF05150MV
6	30	4.5-5.5	6	SF06030SV	SF06030MV
6	40	4.5-5.5	6	SF06040SV	SF06040MV
6	60	4.5-5.5	6	SF06060SV	SF06060MV
6	80	4.5-5.5	6	SF06080SV	SF06080MV
6	100	4.5-5.5	6	SF06100SV	SF06100MV
6	120	4.5-5.5	6	SF06120SV	SF06120MV
6	150	4.5-5.5	6	SF06150SV	SF06150MV
7	30	5.5-6.5	6	SF07030SV	SF07030MV
7	40	5.5-6.5	6	SF07040SV	SF07040MV
7	60	5.5-6.5	6	SF07060SV	SF07060MV
7	80	5.5-6.5	6	SF07080SV	SF07080MV
7	100	5.5-6.5	6	SF07100SV	SF07100MV
7	120	5.5-6.5	6	SF07120SV	SF07120MV
7	150	5.5-6.5	6	SF07150SV	SF07150MV
7	200	5.5-6.5	6	SF07200SV	SF07200MV
8	30	6.5-7.5	6	SF08030SV	SF08030MV
8	40	6.5-7.5	6	SF08040SV	SF08040MV
8	60	6.5-7.5	6	SF08060SV	SF08060MV
8	80	6.5-7.5	6	SF08080SV	SF08080MV
8	100	6.5-7.5	6	SF08100SV	SF08100MV
8	120	6.5-7.5	6	SF08120SV	SF08120MV
8	150	6.5-7.5	6	SF08150SV	SF08150MV
8	200	6.5-7.5	6	SF08200SV	SF08200MV



# Self-Expanding Stents

## S.M.A.R.T. CONTROL™

### .035" Stent Delivery System

#### Nitinol Stent System

- Laser cut from a Nitinol hypo tube (no welds).
- Micromesh design.
- Multi-segmental construction.
- High radial resistive strength.
- Crush recoverable.
- Delivery system with coil construction and dual action deployment system.
- 6 tantalum MicroMarkers at each end of the stent.
- Recommended guidewire: .035"
- Lengths of delivery system: 80 and 120 cm.
- Recommended introducer size: 6F.
- Recommended Guiding catheter: 8F.

Stent Configuration Stent Ø x Length (mm)	Unconstrained Stent Ø (mm)	Unconstrained Stent Length (mm)	Min/Max Vessel Ø (mm)	Cat. No.	
				Delivery System Length	
				80 cm	120 cm
6 x 30	6	30	4-5	C06030SV	
6 x 40	6	40	4-5	C06040SV	
6 x 60	6	60	4-5	C06060SV	
6 x 80	6	80	4-5	C06080SV	
6 x 100	6	100	4-5	C06100SV	
7 x 30	7	30	5-6	C07030SV	C07030MV
7 x 40	7	40	5-6	C07040SV	C07040MV
7 x 60	7	60	5-6	C07060SV	
7 x 80	7	80	5-6	C07080SV	
7 x 100	7	100	5-6	C07100SV	C07100MV
8 x 30	8	30	6-7	C08030SV	
8 x 40	8	40	6-7	C08040SV	C08040MV
8 x 60	8	60	6-7	C08060SV	C08060MV
8 x 80	8	80	6-7	C08080SV	C08080MV
8 x 100	8	100	6-7	C08100SV	
9 x 40	9	40	7-8	C09040SV	
9 x 60	9	60	7-8	C09060SV	
9 x 80	9	80	7-8	C09080SV	
10 x 40	10	40	8-9	C10040SV	
10 x 60	10	60	8-9	C10060SV	
10 x 80	10	80	8-9	C10080SV	



# Self-Expanding Stents

## Large S.M.A.R.T. CONTROL™ .035" Stent Delivery System

### Nitinol Stent System

- Laser cut from a Nitinol hypo tube (no welds).
- Micromesh design.
- Multi-segmental construction.
- High radial resistive strength.
- Crush recoverable.
- 6 tantalum MicroMarkers at each end of the stent.
- Recommended guidewire: .035"
- Recommended introducer size: 7F.
- Recommended Guiding catheter: 9 F.

Stent Configuration Stent Ø x Length (mm)	Unconstrained Stent Ø (mm)	Unconstrained Stent Length (mm)	Min/Max Vessel Ø (mm)	Cat. No.	
				Delivery System Length	
				80 cm	120 cm
12 x 30	12	30	10-11	C12030SV	
12 x 40	12	40	10-11	C12040SV	
12 x 60	12	60	10-11	C12060SV	
12 x 80	12	80	10-11	C12080SV	
14 x 30	14	30	12-13	C14030SV	
14 x 40	14	40	12-13	C14040SV	
14 x 60	14	60	12-13	C14060SV	C14060MV
14 x 80	14	80	12-13	C14080SV	



# Self-Expanding Stents

## Long S.M.A.R.T.™

### .035" Stent Delivery System

#### Nitinol Stent System

- Laser cut from a Nitinol Hypotube (no welds).
- Micromesh design.
- Multi-segmental construction.
- High radial resistive strength.
- Crush recoverable.
- 6 tantalum MicroMarkers at each end of stent.
- Recommended guidewire: .035"
- Recommended introducer size: 6F.
- Recommended guiding catheter: 8F.
- The pin-and-pull delivery system.

Stent Configuration Stent Ø x Length (mm)	Expanded Stent Ø (mm)	Expanded Stent Length (mm)	Min/Max Vessel Ø (mm)	Cat. No.	
				Delivery System Length	
				80 cm	120 cm
6 x 120	6	120	4-5	C06120SV	C06120MV
7 x 120	7	120	5-6	C07120SV	
8 x 120	8	120	5-6		C08120MV
6 x 150	6	150	4-5	C06150SV	
7 x 150	7	150	5-6	C07150SV	C07150MV
8 x 150	8	150	5-6		C08150MV



# Self-Expanding Stents

## PRECISE PRO RX®

### .014" Stent Delivery System (Carotid Artery Stenting)

#### Nitinol

- Laser cut from a Nitinol hypotube (no welds).
- Micromesh design.
- Multi-segmental construction.
- High radial resistive strength.
- 8% maximum foreshortening (for all sizes).
- Crush-recoverable.
- Carotid indication.
- Length of delivery system: 135 cm.
- Distal outer diameter:
  - 5F (5-8 mm).
  - 6F (9-10 mm).
- Recommended guiding catheter:
  - 7F (5-8 mm Ø).
  - 8F (9-10 mm Ø).
- Recommended introducer size:
  - 5F (5-8 mm Ø).
  - 6F (9-10 mm Ø).
- Guidewire compatibility: .014"
- Recommended Embolic Protection Device:  
ANGIOGARD™ RX.

Stent Configuration Stent Ø x Length (mm)	Unconstrained Stent Ø (mm)	Unconstrained Stent Length (mm)	Min/Max vessel diameter (mm)	Cat. No.
				Delivery System Length 135 cm
5 x 30	5	30	3-4	PC0530XCE
5 x 40	5	40	3-4	PC0540XCE
6 x 20	6	20	4-5	PC0620XCE
6 x 30	6	30	4-5	PC0630XCE
6 x 40	6	40	4-5	PC0640XCE
7 x 20	7	20	5-6	PC0720XCE
7 x 30	7	30	5-6	PC0730XCE
7 x 40	7	40	5-6	PC0740XCE
8 x 30	8	30	6-7	PC0830XCE
8 x 40	8	40	6-7	PC0840XCE
9 x 30	9	30	7-8	PC0930XCE
9 x 40	9	40	7-8	PC0940XCE
10 x 30	10	30	8-9	PC1030XCE
10 x 40	10	40	8-9	PC1040XCE





# Emboli Protection Device

ANGIOGUARD® RX







# Emboli Protection Device

## General Information

### ANGIOGUARD® RX

**ANGIOGUARD® RX** with its **Rapid Exchange System** is easy to use, providing optimal protection while maintaining blood flow.

#### Ease of Use

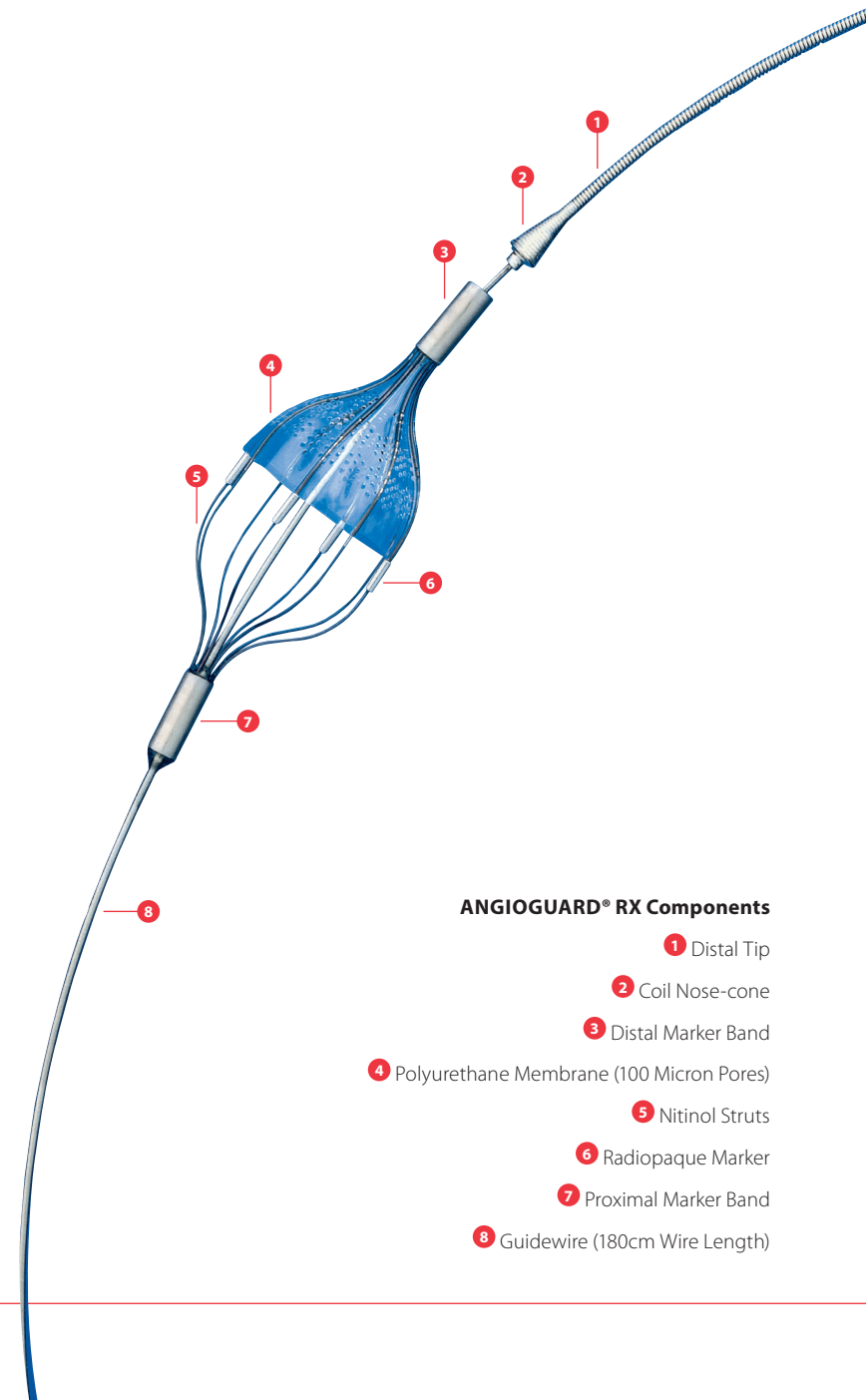
- Extra Support Wires.
  - 0.014" compatible wire available in Extra Support for lesion specific access and support of interventional devices.
- Excellent crossability.
  - Easy to cross tortuous anatomies with a crossing profile from as low as 3.2F.
- Rapid Exchange System.
  - Simplified deployment 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 minimise vessel trauma.
  - Tapered delivery and capture sheaths.
  - Coil nose-cone minimise vessel trauma.



#### ANGIOGUARD® RX Components

- 1 Distal Tip
- 2 Coil Nose-cone
- 3 Distal Marker Band
- 4 Polyurethane Membrane (100 Micron Pores)
- 5 Nitinol Struts
- 6 Radiopaque Marker
- 7 Proximal Marker Band
- 8 Guidewire (180cm Wire Length)



# Emboli Protection Device

## ANGIOGUARD® RX

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

### Extra Support

Filter Basket Size (mm)	Vessel Diameter (mm)	Cat. No.
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





# Venous Products

OPTEASE®





# Venous Products

## Retrieable Vena Cava Filter

### OPTEASE®

- Retrieable Vena Cava Filter: up to and including 12 days after placement.
- Design, 6F compatible.
- Nitinol: MRI safe (tested under 3 Tesla).
- IVC diameter ranges up to 30mm.
- Dual-layer filtration for easier clot capture and prevention of pulmonary embolism.
- Fixation barbs minimise migration to maintain clot capture efficiency.
- Caudal filter retrieval hook for easy retrieval with any appropriate endovascular snare.
- Caval coverage up to 30mm.
- Nitinol technology.
- No waiting period is required between filter placement and having an MRI.
- 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.

6F BRITE TIP™ Sheath Introducer	Cordis Angiographic Vessel Dilator	EMERALD™ Guidewire	Recommended Venous	Cat. No.
55	66	150*	Jugular	466F210AJ
55	101	260**	Femoral	466F210AF
90	101	260**	Antecubital & Jugular	466F210BJ

\*Catalogue number: 502521 (sold separately)

\*\*Catalogue number: 502455 (sold separately)

### Filter Retrieval System Contains:

- 10F OPTEASE® Retrieval Catheter.

Dimension	Recommended devices for filter retrieval	Cat. No.
10F, 80 cm length	OPTEASE® Retrieval Catheter*** with radiopaque tip	466C210F
260 cm length	J-tip EMERALD™ 0.035" (0.89 mm) guidewire	502455

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

Please refer to your Cordis representative for more information.



Frontal and lateral views of the OPTEASE® Retrieable Vena Cava Filter

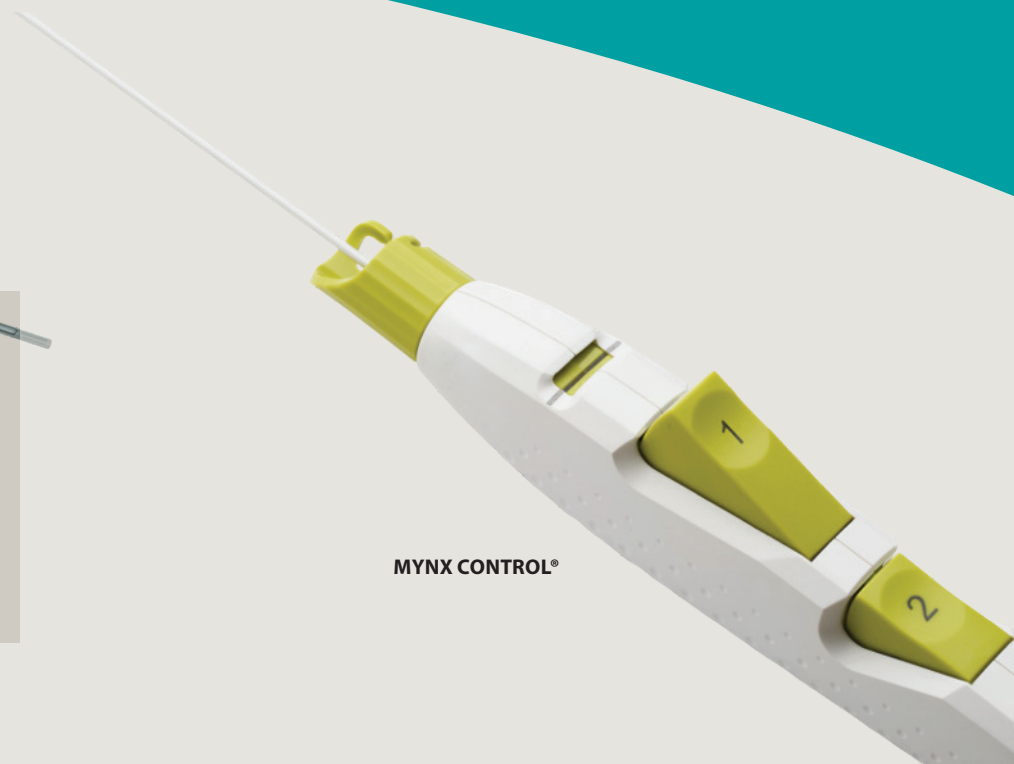
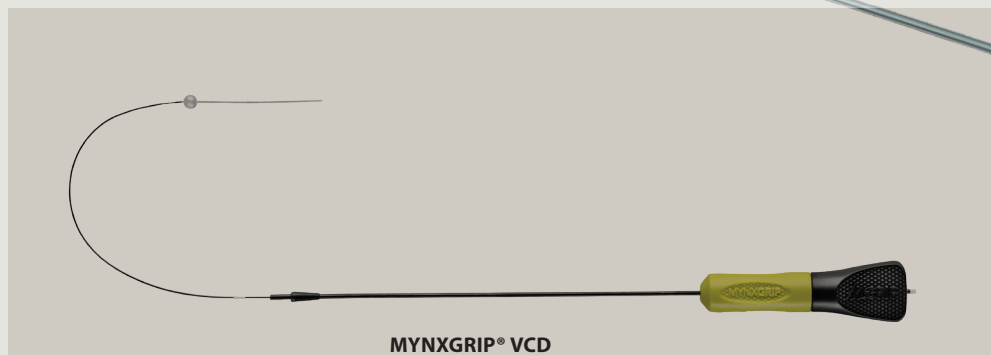
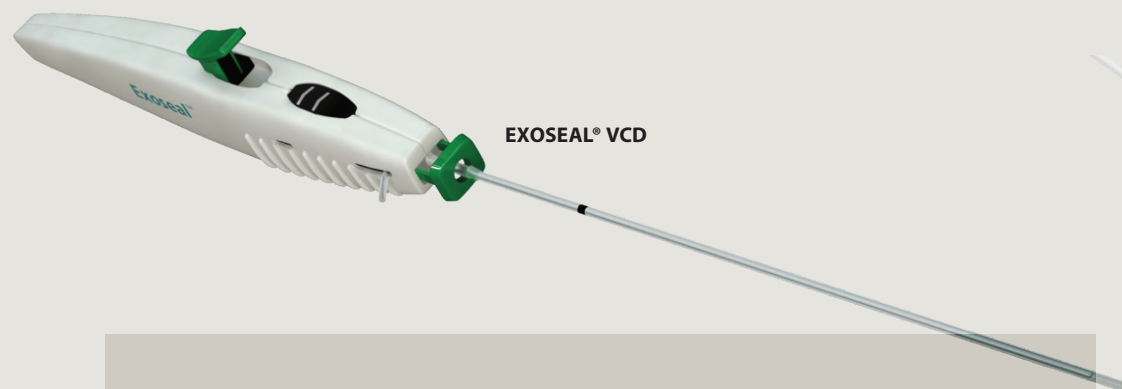


# Vascular Closure Devices

MYNX CONTROL®

MYNXGRIP®

EXOSEAL®





# Vascular Closure Device

## General Information

Cordis has set the standard in diagnostic catheters. Cordis stands for a broad range of easy to use diagnostic catheters for every possible procedure.

### MYNX CONTROL® Vascular Closure Device

MYNX CONTROL® Vascular Closure Device features a redesigned, ergonomic handle to facilitate ease-of-use and predictable deployment.

Clinically versatile, MYNX CONTROL® VCD offers dependable closure, without footplates, sutures, or metal implants to impede re-access, and treats a wide range of patients and clinical scenarios.

Built on the proven MYNX™ platform, the **MYNX CONTROL® Vascular Closure Device** is purpose-designed to enhance safety and deliver performance.

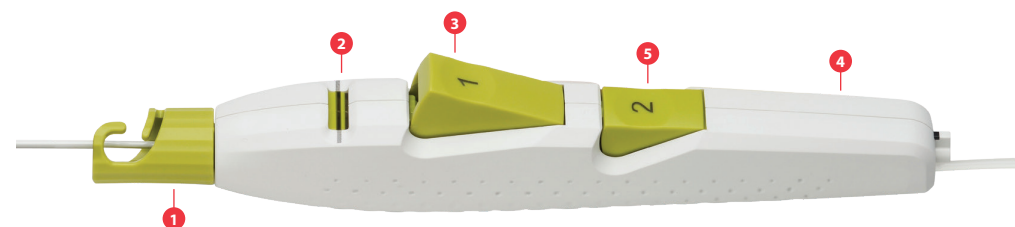
#### The Sealant.

MYNX CONTROL® VCD is comprised of two configurations of polyethylene glycol (PEG – a water-soluble, bio-inert, non-thrombogenic polymer), the Grip Tip and the sealant, for durable haemostasis.

#### Grip Technology.

Once the sealant enters the tissue tract, the body's temperature and pH level cause the Grip Tip to soften and securely adhere to the vessel wall, effectively gripping the artery and providing active closure. The sealant's porous structure absorbs blood and subcutaneous fluids. The sealant swells three to four times its original size, filling the tissue tract. The sealant actively adheres to the artery while expanding and filling the tissue tract, providing a durable haemostasis and a platform for natural healing.

French Size	Cat. No.	Shuttle Colour	Qty Per Box
5F	MX5060E	Grey	10
6F / 7F	MX6760E	Green	10



MYNX CONTROL®

- 1 Sheath Catch - Compatible with procedural sheath– eliminates the need for sheath exchanges\*
- 2 Tension Indicator - Provides confirmation of device position for proper sealant deployment
- 3 Button #1 - Deploys and compresses the sealant
- 4 Ergonomic Handle - Facilitates ease of use for predictable deployment
- 5 Button #2 - One-step balloon withdrawal

\*MYNX CONTROL® VCD is incompatible with Medtronic Input® Introducer (11cm) sheaths, Cook Check-Flo® Performer® Introducer sheaths, and procedural sheaths longer than 12cm in effective length.



# Vascular Closure Device

## General Information

### MYNXGRIP® Vascular Closure Device

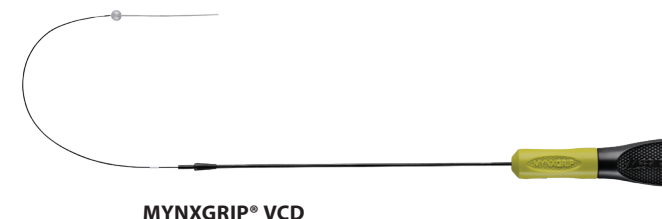
Built on the proven MYNX™ platform, the **MYNXGRIP® Vascular Closure Device** offers the security of mechanical closure combined with the safety of an extravascular sealant. The MYNXGRIP® Device offers a patient-friendly closure option with no sutures, clamping, or metal implants and dissolves within 30 days leaving nothing behind but a healed artery.

#### The Sealant

The sealant in the MYNXGRIP® Device consists of Polyethylene Glycol (PEG), a water-soluble, bio-inert, non-thrombogenic polymer, and is comprised of two configurations of PEG, the Grip Tip and the sealant.

#### Grip Technology

Once the sealant enters the tissue tract, the body's temperature and pH level cause the Grip Tip to soften and securely adhere to the vessel wall, effectively gripping the artery and providing active closure. The sealant's porous structure absorbs blood and subcutaneous fluids. The sealant swells three to four times its original size, filling the tissue tract. The sealant actively adheres to the artery while expanding and filling the tissue tract, providing a durable hemostasis and a platform for natural healing.



French Size	Cat. No.	Shuttle Colour	Qty Per Box
5F	MX5021	Grey	10
6F / 7F	MX6721	Green	10



# Vascular Closure Device

## General Information

### EXOSEAL® Vascular Closure Device

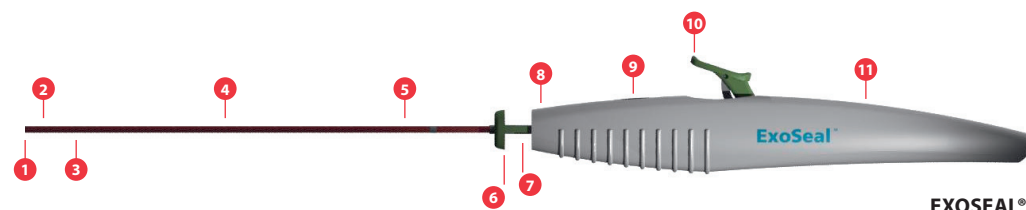
The **EXOSEAL® Vascular Closure Device** is a sterile, single use device consisting of a Poly Glycolic Acid (PGA) Plug in combination with a Delivery Shaft. The Plug is fully enclosed within the Delivery Shaft. Running the length of the Delivery Shaft is an Indicator system that provides a means of positioning the Plug, relative to the vessel wall. When the Plug is in the correct position the Delivery Shaft is retracted, depositing the Plug on top of the arteriotomy site.

Combining safety and ease-of-use, the Cordis EXOSEAL® Vascular Closure Device means a more confident close and improved patient outcomes.

- Easy-to-Use Functionality.
- Safe\* Bioabsorbable Technology.
- Precise Extravascular surface.

French Size	Cat. No.	Description	Qty Per Box
5F	EX500CE	EXOSEAL® - to be used with a 5F sheath introducer up to 12cm	10
6F	EX600CE	EXOSEAL® - to be used with a 6F sheath introducer up to 12cm	10
7F	EX700CE	EXOSEAL® - to be used with a 7F sheath introducer up to 12cm	10

\*Clinical data from the 'ECLIPSE Trial' indicates safety in terms of vascular injury, access site-related bleeding, infection or nerve injury, new ipsilateral lower extremity ischemia or SAE.



- 1 Indicator Wire
- 2 Plug
- 3 Bleed-back Port
- 4 Delivery Shaft
- 5 Marker Band
- 6 Indicator Wire Cowling
- 7 Sheath Adapter
- 8 Bleed-back Indicator
- 9 Indicator Window
- 10 Plug Deployment Button
- 11 Handle Assembly



#### IMPORTANT INFORMATION:

Prior to use, refer to the Instructions for Use supplied with the device for indications, contraindications, side effects, suggested procedure, warnings and precautions. As part of the Cordis policy of continuous development, we reserve the right to change product specifications without prior notification.

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