



# Product Catalogue

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Endovascular Products



## **Managing circulatory disease by innovation**

With more than a 60-year history of pioneering products to treat millions of patients, Cordis is a worldwide leader in the development and manufacturing of interventional cardiovascular technology. Cordis established a legacy of high-quality and minimally-invasive cardiovascular products; and has built a robust global footprint with operations in more than 60 countries around the world.

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# Trademarks

Cordis trademarks used in this catalogue are:

**CORDIS™**

**ANGIOGUARD™**

**AQUATRACK™**

**ATW™**

**ATW™ MARKER WIRE**

**AVANTI™**

**AVIATOR™**

**BRITE TIP™**

**DURALYN™**

**EMERALD™**

**EXOSEAL™**

**INCRAFT™**

**MYNXGRIP™**

**MYNX CONTROL™**

**NESTING™**

**NYLEX™**

**OPTEASE™**

**OUTBACK™**

**PALMAZ™**

**PALMAZ BLUE™**

**PALMAZ GENESIS™**

**POWERFLEX™ Pro**

**PRECISE PRO RX™**

**SABER™**

**SLEEK™**

**SLX™**

**S.M.A.R.T. CONTROL™**

**S.M.A.R.T.™ Flex**

**STABILIZER™**

**STORQ™**

**SUPERTORQUE™**

**TEMPO™**

**TEMPO AQUA™**

**VISTA BRITE TIP™**

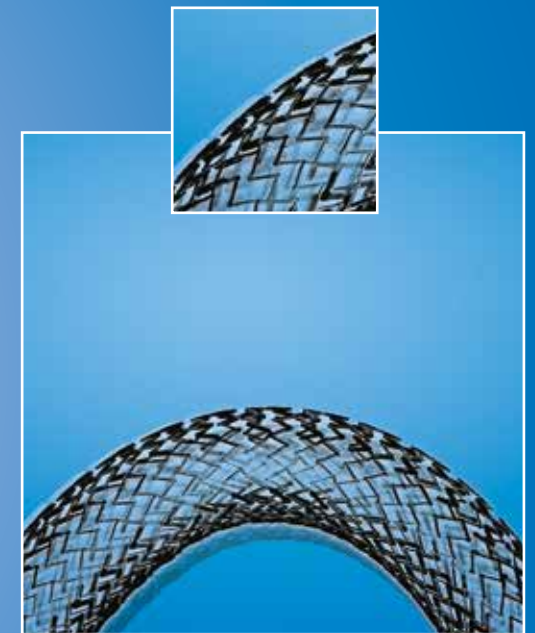
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# Stents

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- Pre-mounted Balloon Expandable Stents
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**Pre-mounted Balloon Expandable Stents**

**.035" Over-the-Wire System**

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**Unmounted Balloon Expandable Stents**

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## **PALMAZ GENESIS™ Peripheral Stent**

### **Stainless steel**

- One piece laser cut stainless steel slotted tube (no welds)
- Closed-cell Design

Furthermore FlexSegments and Cordis Nesting+ technology ensure :

- Predeployed flexibility
- A minimum foreshortening
- Improved scaffolding in a bend
- Smooth transition from stent to balloon

The PALMAZ GENESIS™ Peripheral Stent family offers a complete range of lengths and diameters in combination with pre-mounted and standalone configurations.

## **PALMAZ BLUE™ Peripheral Stent**

### **Cobalt Chromium L605**

The PALMAZ BLUE™ Peripheral Stent utilises advanced technology, L605 Cobalt Chromium, with a proven design to offer:

- Increased radiopacity
  - Low profiles
  - Superior flexibility and deliverability
- ...while not trading off radial strength and vessel scaffolding

The PALMAZ BLUE™ incorporates the PALMAZ™ and PALMAZ GENESIS™ Peripheral Stents heritage:

- Closed cell design
- One-piece laser-cut slotted tube (no welds)
- Optimised FlexSegments for flexibility, deliverability and reduced foreshortening
- Nesting technology for smooth transition from stent to balloon

## PALMAZ GENESIS™ Peripheral Stent on OPTA™ PRO Balloon (Medium)

### .035" over-the-wire Stent system

#### Stainless steel

- One piece laser cut stainless steel slotted tube (no welds)
- Closed-cell Design
- Laser cut slotted tube for device integrity (no welds)
- "S" shaped FlexSegments for reduced foreshortening, pre-deployed flexibility and improved scaffolding in a bend
- High radial Strength
- Lengths of delivery system : 80 and 135 cm
- Low profile .035" stent delivery system
- Metal introducer tube included in the package
- Recommended inflation pressure : 8 atm

Unexpanded Stent Length (mm)	Expanded Stent Length (mm)	Balloon Ø x Length (mm x mm)	Sheath Compatibility (F)	Guiding Compatibility (F)	Catalogue Number Length of delivery system	
					80 cm	135 cm
12	11	5 x 15	6	8 (.088")	PG1250PPS	PG1250PPX
12	11	7 x 15	6	8 (.088")	PG1270PPS	PG1270PPX
12	11	8 x 15	6	8 (.088")	PG1280PPS	PG1280PPX
15	14	4 x 17	6	8 (.088")	PG1540PPS	
15	14	5 x 17	6	8 (.088")	PG1550PPS	
15	14	6 x 17	6	8 (.088")	PG1560PPS	
15	14	7 x 17	6	8 (.088")	PG1570PPS	
15	14	8 x 17	6	8 (.088")	PG1580PPS	PG1580PPX
18	17	4 x 20	6	8 (.088")	PG1840PPS	
18	17	5 x 20	6	8 (.088")	PG1850PPS	PG1850PPX
18	17	6 x 20	6	8 (.088")	PG1860PPS	PG1860PPX
18	17	7 x 20	6	8 (.088")	PG1870PPS	PG1870PPX
18	17	8 x 20	6	8 (.088")	PG1880PPS	PG1880PPX
24	23	4 x 25	6	8 (.088")	PG2440PPS	
24	23	5 x 25	6	8 (.088")	PG2450PPS	
24	23	6 x 25	6	8 (.088")	PG2460PPS	PG2460PPX
24	23	7 x 25	6	8 (.088")	PG2470PPS	PG2470PPX
24	23	8 x 25	6	8 (.088")	PG2480PPS	PG2480PPX

## PALMAZ GENESIS™ Peripheral Stent on OPTA™ PRO Balloon (Large)

### .035" over-the-wire Stent system

#### Stainless steel

- One piece laser cut stainless steel slotted tube (no welds)
- Closed-cell Design
- Laser cut slotted tube for device integrity (no welds)
- "N" shaped FlexSegments for reduced foreshortening, pre-deployed flexibility and improved scaffolding in a bend
- High radial Strength
- Lengths of delivery system: 80 and 135 cm
- Low profile .035" stent delivery system
- Metal introducer tube included in the package
- Recommended inflation pressure: 8 atm

Unexpanded Stent Length (mm)	Expanded Stent Length (mm)	Balloon Ø x Length (mm x mm)	Sheath Compatibility (F)	Guiding Compatibility (F)	Catalogue Number Length of delivery system	
					80 cm	135 cm
19	17	9 x 20	7	9 (.098")	PG1990PPS	PG1990PPX
19	16	10 x 20	7	9 (.098")	PG1910PPS	PG1910PPX
25	22	9 x 26	7	9 (.098")	PG2590PPS	PG2590PPX
25	22	10 x 26	7	9 (.098")		PG2510PPX
29	27	6 x 30	6	8 (.088")	PG2960PPS	PG2960PPX
29	26	7 x 30	6	8 (.088")	PG2970PPS	PG2970PPX
29	26	8 x 30	7	9 (.098")		PG2980PPX
29	25	9 x 30	7	9 (.098")	PG2990PPS	PG2990PPX
29	24	10 x 30	7	9 (.098")	PG2910PPS	PG2910PPX
39	39	5 x 40	6	8 (.088")	PG3950PPS	PG3950PPX
39	38	6 x 40	6	8 (.088")	PG3960PPS	PG3960PPX
39	36	7 x 40	6	8 (.088")		PG3970PPX
39	36	8 x 40	7	9 (.098")	PG3980PPS	PG3980PPX
39	35	9 x 40	7	9 (.098")	PG3990PPS	PG3990PPX
39	32	10 x 40	7	9 (.098")	PG3910PPS	PG3910PPX
59	59	5 x 60	6	8 (.088")	PG5950PPS	PG5950PPX
59	59	6 x 60	6	8 (.088")	PG5960PPS	PG5960PPX
59	57	7 x 60	6.5	8 (.088")	PG5970PPS	PG5970PPX

Continued

**PALMAZ GENESIS™ Peripheral Stent on OPTA™ PRO Balloon (Large)** Continued

Unexpanded Stent Length (mm)	Expanded Stent Length (mm)	Balloon Ø x Length (mm x mm)	Sheath Compatibility (F)	Guiding Compatibility (F)	Catalogue Number Length of delivery system	
					80 cm	135 cm
59	56	8 x 60	7	9 (.098")	PG5980PPS	PG5980PPX
59	53	9 x 60	7	9 (.098")	PG5990PPS	PG5990PPX
59	53	10 x 60	7	9 (.098")	PG5910PPS	PG5910PPX
79	79	6 x 80	6	8 (.088")	PG7960PPS	PG7960PPX
79	78	7 x 80	6.5	8 (.088")	PG7970PPS	PG7970PPX
79	76	8 x 80	7	9 (.098")	PG7980PPS	PG7980PPX
79	75	9 x 80	7	9 (.098")	PG7990PPS	PG7990PPX
79	73	10 x 80	7	9 (.098")	PG7910PPS	

## PALMAZ GENESIS™ Peripheral Stent on SLALOM™ Balloon .018" over-the-wire Stent system Stainless steel

- One piece laser cut stainless steel slotted tube (no welds)
- Closed-cell Design
- Laser cut slotted tube for device integrity (no welds)
- "S" shaped FlexSegments for reduced foreshortening, pre-deployed flexibility and improved scaffolding in a bend
- High radial Strength
- Lengths of delivery system: 80 and 135 cm
- Low Profile .018" stent delivery system
- Metal introducer tube included in the package
- Recommended inflation pressure:  
12 atm: 3-4 mm Ø  
10 atm: 5-6-7 mm Ø  
8 atm: 8 mm Ø

Unexpanded Stent Length (mm)	Expanded Stent Length (mm)	Balloon Ø x Length (mm x mm)	Sheath Compatibility (F)	Guiding Compatibility (F)	Catalogue Number Length of delivery system 135 cm
18	18	3 x 20	5	7 (.078")	PG1830PSX
18	18	8 x 19	6	8 (.088")	PG1880PSX
24	24	3 x 25	5	7 (.078")	PG2430PSX
24	24	8 x 25	6	8 (.088")	PG2480PSX
39	37	7 x 40	6	7 (.078")	PG3970PSX
39	34	8 x 40	6	8 (.088")	PG3980PSX

## PALMAZ BLUE™ .018 Peripheral Stent .018" over-the-wire Stent system L605 Cobalt Chromium on SLALOM™ Balloon

- Laser cut L605 cobalt chromium slotted tube for device integrity (no welds)
- Closed cell design
- Optimised FlexSegments for flexibility, deliverability and reduced foreshortening
- Increased radiopacity
- High radial strength
- Lengths of delivery system: 80 and 135cm
- Low profile .018" stent delivery system
- Metal introducer included in package
- Recommended inflation pressure:  
12 atm: 4mm Ø;  
10 atm: 5-7mm Ø

Unexpanded Stent Length (mm)	Expanded Stent Length (mm)	Balloon Ø x Length (mm x mm)	Sheath Compatibility (F)	Guiding Compatibility (F)	Catalogue Number Length of delivery system	
					80 cm	135 cm
12	12	4 x 15	5	6 (.070")	PB1240PSS	
12	11	5 x 15	5	6 (.070")	PB1250PSS	PB1250PSX
12	10	6 x 15	5	6 (.070")	PB1260PSS	PB1260PSX
12	11	7 x 15	5	6 (.070")	PB1270PSS	
15	15	4 x 17	5	6 (.070")	PB1540PSS	
15	14	5 x 17	5	6 (.070")	PB1550PSS	PB1550PSX
15	14	6 x 17	5	6 (.070")	PB1560PSS	PB1560PSX
15	14	7 x 17	5	6 (.070")	PB1570PSS	
18	17	4 x 20	5	6 (.070")	PB1840PSS	
18	18	5 x 20	5	6 (.070")	PB1850PSS	PB1850PSX
18	17	6 x 20	5	6 (.070")	PB1860PSS	PB1860PSX
18	18	7 x 20	5	6 (.070")	PB1870PSS	PB1870PSX
24	23	4 x 25	5	6 (.070")	PB2440PSS	
24	24	5 x 25	5	6 (.070")	PB2450PSS	PB2450PSX
24	23	6 x 25	5	6 (.070")	PB2460PSS	PB2460PSX
24	24	7 x 25	5	6 (.070")	PB2470PSS	PB2470PSX

## PALMAZ BLUE™ .014 Peripheral Stent .014" Rapid Exchange System L605 Cobalt Chromium on AVIATOR™ Plus Balloon

- Laser cut L605 cobalt chromium slotted tube for device integrity (no welds)
- Closed cell design
- Optimised FlexSegments for flexibility, deliverability and reduced foreshortening
- Increased radiopacity
- High radial strength
- Lengths of delivery system: 80 and 142 cm
- Low profile .014" stent delivery system
- Metal introducer included in package
- Recommended inflation pressure: 10 atm

Unexpanded Stent Length (mm)	Expanded Stent Length (mm)	Balloon Ø x Length (mm x mm)	Sheath Compatibility (F)	Guiding Compatibility (F)	Catalogue Number Length of delivery system	
					80 cm	142 cm
12	12	4 x 15	4	6 (.070")	PB1240PPS	PB1240PPX
12	11	5 x 15	5	6 (.070")		PB1250PPX
12	10	6 x 15	5	6 (.070")	PB1260PPS	PB1260PPX
12	11	7 x 15	5	6 (.070")	PB1270PPS	PB1270PPX
15	15	4 x 17	4	6 (.070")	PB1540PPS	PB1540PPX
15	14	5 x 17	5	6 (.070")	PB1550PPS	PB1550PPX
15	14	6 x 17	5	6 (.070")	PB1560PPS	PB1560PPX
15	14	7 x 17	5	6 (.070")	PB1570PPS	PB1570PPX
18	17	4 x 20	4	6 (.070")	PB1840PPS	PB1840PPX
18	18	5 x 20	5	6 (.070")	PB1850PPS	PB1850PPX
18	17	6 x 20	5	6 (.070")	PB1860PPS	PB1860PPX
18	17	7 x 20	5	6 (.070")	PB1870PPS	PB1870PPX
24	23	4 x 25	4	6 (.070")		PB2440PPX
24	24	5 x 25	5	6 (.070")		PB2450PPX
24	23	6 x 25	5	6 (.070")	PB2460PPS	PB2460PPX
24	23	7 x 25	5	6 (.070")		PB2470PPX

## PALMAZ™ Large and XL Unmounted Stents

### Stainless steel

- One piece laser cut stainless steel slotted tube (no welds)
- PALMAZ™ Large Peripheral Stent can be expanded between 8 and 12 mm and the XL can be expanded between 14 and 25 mm.

Unexpanded Stent Length (mm)	Outer Ø before expansion (mm)	Sheath Compatibility (F)	Catalogue Number	Stent Type
40	4.6	12-14	P4014	XL
50	4.6	12-14	P5014	XL



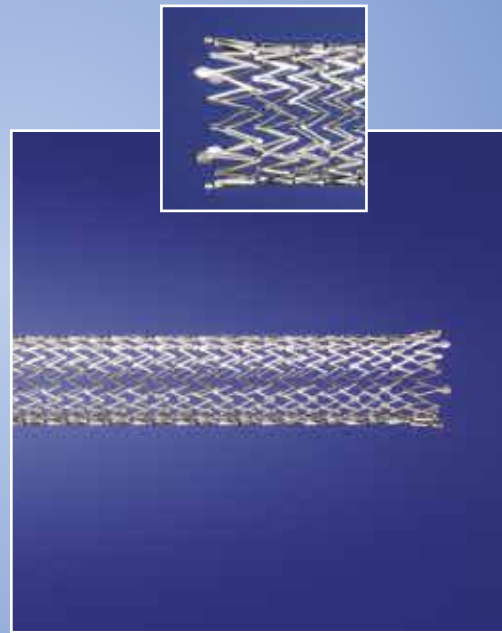


**0.35" Stent Delivery System**

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Long S.M.A.R.T.™ Nitinol Stent System .....	24

**0.14" Stent Delivery System**

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## S.M.A.R.T.™ Flex

Vascular Stent System

S.M.A.R.T.™ Flex Vascular Stent System is one of our self-expanding stent. 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 Vascular Stent System 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™ Stent 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.™ CONTROL Nitinol Stent System 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.™ CONTROL Nitinol Stent System 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™ Nitinol Stent System is a one piece laser cut, Self Expanding Nitinol Stent combining a unique micromesh design with a multisegmental 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

\* Data on file, Cordis Corporation

## 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)  
9-10 mm for use in the common and external iliac arteries
- (stent diameter should be 0.5-1.5mm 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	Catalogue Number Length of delivery system	
				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

## S.M.A.R.T.™ Flex

Stent Diameter (mm)	Stent Length (mm)	Recommended Lumen Size (mm)	Recommended Sheath Introducer Size	Catalogue Number Length of delivery system	
				80 cm	120 cm
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		SF08150MV
8	200	6.5-7.5	6	SF08200SV	SF08200MV
10	100	8.5-9.5	6		

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

- Laser cut from a Nitinol hypo tube (no welds)
- Micromesh design
- Multisegmental 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: 8 F

Stent Configuration Stent Ø x Length (mm)	Unconstrained Stent Ø (mm)	Unconstrained Stent Length (mm)	Min/Max Vessel Ø (mm)	Catalogue Number Length of delivery system	
				80 cm	120 cm
6 x 20	6	20	4-5	C06020SV	
6 x 30	6	30	4-5	C06030SV	C06030MV
6 x 40	6	40	4-5	C06040SV	C06040MV
6 x 60	6	60	4-5	C06060SV	C06060MV
6 x 80	6	80	4-5	C06080SV	C06080MV
6 x 100	6	100	4-5	C06100SV	C06100MV
7 x 20	7	20	5-6	C07020SV	
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	C07060MV
7 x 80	7	80	5-6	C07080SV	C07080MV
7 x 100	7	100	5-6	C07100SV	C07100MV
8 x 20	8	20	6-7	C08020SV	
8 x 30	8	30	6-7	C08030SV	C08030MV
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	C08100MV

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

Stent Configuration Stent Ø x Length (mm)	Unconstrained Stent Ø (mm)	Unconstrained Stent Length (mm)	Min/Max Vessel Ø (mm)	Catalogue Number Length of delivery system	
				80 cm	120 cm
9 x 20	9	20	7-8	C09020SV	
9 x 30	9	30	7-8	C09030SV	C09030MV
9 x 40	9	40	7-8	C09040SV	C09040MV
9 x 60	9	60	7-8	C09060SV	C09060MV
9 x 80	9	80	7-8	C09080SV	C09080MV
10 x 20	10	20	8-9	C10020SV	
10 x 30	10	30	8-9	C10030SV	C10030MV
10 x 40	10	40	8-9	C10040SV	C10040MV
10 x 60	10	60	8-9	C10060SV	C10060MV
10 x 80	10	80	8-9	C10080SV	C10080MV

## S.M.A.R.T. CONTROL™ Large 12 x 14 mm Stent Delivery System

- 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)	Catalogue Number Length of delivery system	
				80 cm	120 cm
12 x 30	12	30	10-11	C12030SV	
12 x 40	12	40	10-11	C12040SV	C12040MV
12 x 60	12	60	10-11	C12060SV	C12060MV
12 x 80	12	80	10-11	C12080SV	C12080MV
14 x 30	14	30	12-13	C14030SV	
14 x 40	14	40	12-13	C14040SV	C14040MV
14 x 60	14	60	12-13	C14060SV	C14060MV
14 x 80	14	80	12-13	C14080SV	C14080MV

## Long S.M.A.R.T.™ .035" Stent Delivery System Nitinol

- Laser cut from a Nitinol Hypotube (no welds)
- Micromesh design
- Multisegmental 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)	Catalogue Number Length of delivery system 80 cm	Catalogue Number Length of delivery system 120 cm
6 x 120	6	120	4-5	C06120SV	C06120MV
7 x 120	7	120	5-6	C07120SV	C07120MV
8 x 120	8	120	5-6	C08120SV	C08120MV
6 x 150	6	150	4-5	C06150SV	C06150MV
7 x 150	7	150	5-6	C07150SV	C07150MV
8 x 150	8	150	5-6	C08150SV	C08150MV



## PRECISE PRO RX™

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

#### Nitinol

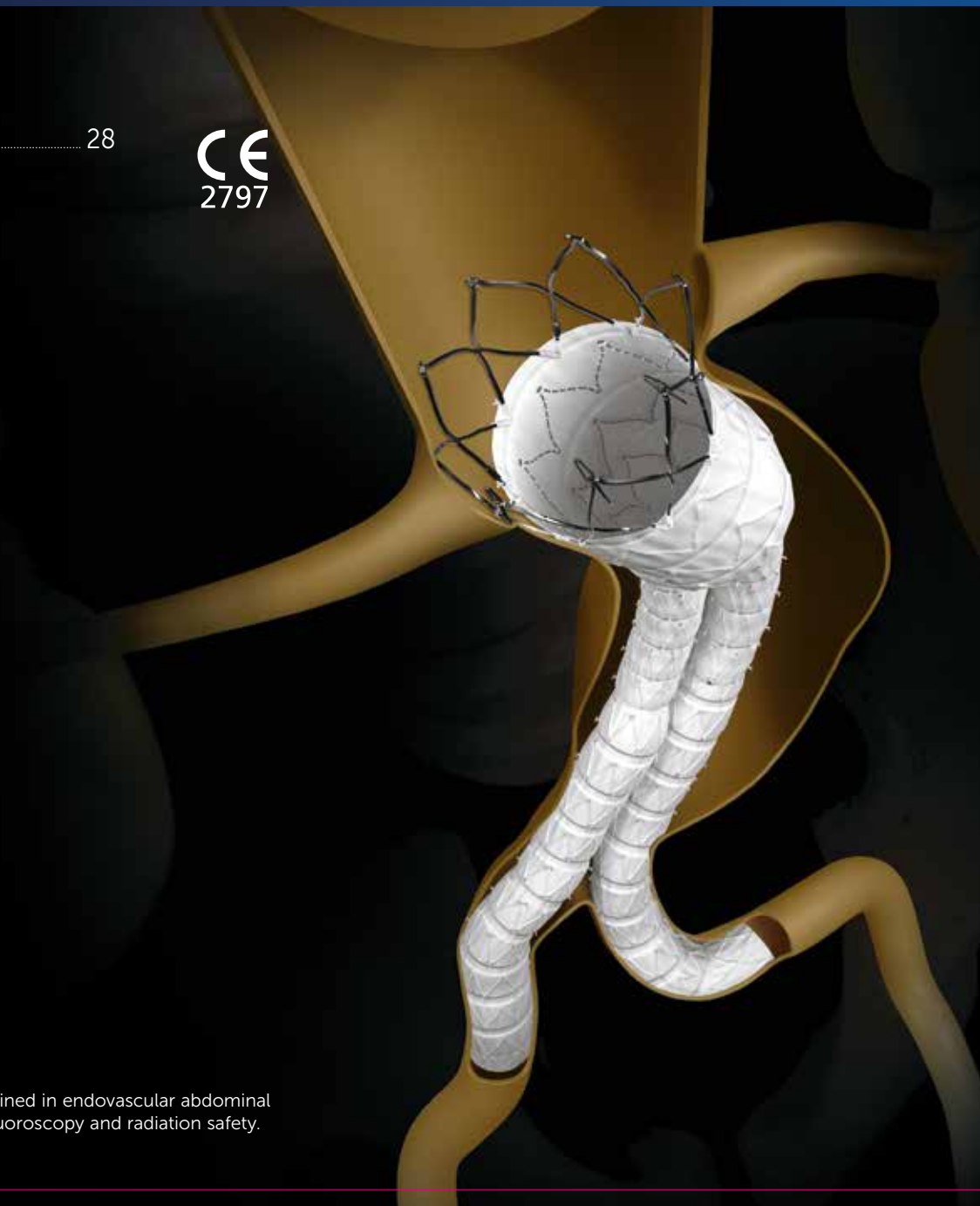
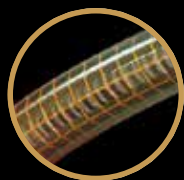
- Laser cut from a Nitinol hypotube (no Welds)
- Micromesh design
- Multi segmental construction
- High radial resistive strength
- 8% maximum foreshortening (for all sizes)
- Crush-recoverable
- Carotid indication
- Length of delivery system: 135 cm
- Distal outer diameter:
  - 5F (5-8 mm)
  - 6F (9-10 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: ANGIOGUARD™ RX Emboli Capture Guidewire System

Stent Configuration Stent Ø x Length (mm)	Unconstrained Stent Ø (mm)	Unconstrained Stent Length (mm)	Min/Max vessel diameter (mm)	Catalogue Number Length of delivery system 135 cm
5 x 20	5	20	3-4	PC0520XCE
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 20	8	20	6-7	PC0820XCE
8 x 30	8	30	6-7	PC0830XCE
8 x 40	8	40	6-7	PC0840XCE
9 x 20	9	20	7-8	PC0920XCE
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



# Abdominal Aortic Aneurysm

INCRAFT™ AAA Stent Graft System..... 28



The use of the INCRAFT™ AAA Stent Graft System requires that physicians be trained in endovascular abdominal aortic aneurysm repair techniques, including experience with high resolution fluoroscopy and radiation safety. Cordis will provide training specific to the INCRAFT™ AAA Stent Graft System.

# Abdominal Aortic Aneurysm

## INCRAFT™ AAA Stent Graft System

The INCRAFT™ AAA Stent Graft System from Cordis is an advanced Endovascular Aneurysm Repair (EVAR) technology designed for the treatment of infrarenal abdominal aortic aneurysms. The 3-piece modular design addresses limitations of current endografts by combining unique features, such as real-time, in-situ device customization. Most importantly, for the first time, these features are delivered through a flexible, ultra-low profile system (14 Fr. OD)\*. The INCRAFT™ AAA Stent Graft System is backed by excellent clinical outcomes shown in the Innovation and Inspiration 5-year results. The studies demonstrate good safety, efficacy, and very low aneurysm-related deaths, with a high proportion of patients having challenging anatomy\*\*.

\* 16F outer diameter for the 34 mm aortic bifurcate.

Aortic Bifurcate

Product Code	AB Size (mm)	Treatment Range (mm)	Delivery System ID (F)	Delivery System OD (F)	Ipsi Length (mm)	Contra Length (mm)
AB2298	22	17.0 – 19.9	13	14	94	86
AB2698	26	20.0 – 22.9	13	14	94	86
AB3098	30	23.0 – 26.9	13	14	94	86
AB3498	34	27.0 – 31.0	15	16	94	86

Aortic Extension

Product Code	AE Size (mm)	Treatment Range (mm)	Delivery System ID (F)	Delivery System OD (F)	Ipsi Length (mm)
AE2204	22	17.0 – 19.9	13	14	42
AE2604	26	20.0 – 22.9	13	14	42
AE3004	30	23.0 – 26.9	13	14	42
AE3404	34	27.0 – 31.0	15	16	42



Iliac Limb / Limb Extension

Product Code	IL Size (mm)	Treatment Range (mm)	IL Length (mm)	Delivery System OD (F)	Ipsi Length (mm)	Contra Length (mm)
IL1008	10	7.0 – 8.9	82	12	128 – 156	128 – 147
IL1010	10	7.0 – 8.9	101	12	147 – 175	147 – 166
IL1012	10	7.0 – 8.9	120	12	166 – 194	166 – 185
IL1014	10	7.0 – 8.9	138	12	184 – 212	184 – 203
IL1308	13	9.0 – 10.9	82	12	128 – 156	128 – 147
IL1310	13	9.0 – 10.9	101	12	147 – 175	147 – 166
IL1312	13	9.0 – 10.9	120	12	166 – 194	166 – 185
IL1314	13	9.0 – 10.9	138	12	184 – 212	184 – 203
IL1608	16	11.0 – 13.9	82	12	128 – 156	128 – 147
IL1610	16	11.0 – 13.9	101	12	147 – 175	147 – 166
IL1612	16	11.0 – 13.9	120	12	166 – 194	166 – 185
IL1614	16	11.0 – 13.9	138	12	184 – 212	184 – 203
IL2008	20	14.0 – 17.9	82	12	128 – 156	128 – 147
IL2010	20	14.0 – 17.9	101	12	147 – 175	147 – 166
IL2012	20	14.0 – 17.9	120	12	166 – 194	166 – 185
IL2014	20	14.0 – 17.9	138	12	184 – 212	184 – 203
IL2410	24	18.0 – 22.0	101	13	147 – 175	147 – 166
IL2412	24	18.0 – 22.0	120	13	166 – 194	166 – 185
IL2414	24	18.0 – 22.0	138	13	184 – 212	184 – 203



The use of the INCRAFT™ AAA Stent Graft System requires that physicians be trained in endovascular abdominal aortic aneurysm repair techniques, including experience with high resolution fluoroscopy and radiation safety. Cordis will provide training specific to the INCRAFT™ AAA Stent Graft System.

\*\* J Vasc Surg 2020;:-1-7.

# PTA Catheters

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# PTA Catheters

## .035" Guidewire Compatibility

### SABER™ .035" PTA Catheter

*For lower extremity vessels*

- Broad size matrix
- Low profile tapered tip
- Hydrophilic coating on the balloon and proximal end of the shaft
- RBP up to 24atm
- Balloon length up to 300mm

### POWERFLEX™ Pro PTA Catheter

*For lower extremity vessels*

- Wide range of lengths and diameters
- Fast deflation time\*
- Excellent profile and atraumatic flexible tip

## .018" Guidewire Compatibility

### SABER™ .018" PTA Catheter

*For all the leg needs*

- Wide range of sizes
- Designed with excellent crossability
- Hydrophilic coating on the balloon and proximal end of the shaft
- Fast deflation time

## .014" Guidewire Compatibility

### AVIATOR™ Plus PTA Catheter

*For carotid and renal needs*

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

### SLEEK™ RX PTA Catheter

*For infra-popliteal needs*

- Low profile rapid exchange 0,014" PTA system
- Long balloon lengths (up to 220 mm)
- Smooth tip-to-wire transition

### SLEEK™ OTW PTA Catheter

*For infra-popliteal needs*

- Low profile over-the-wire 0,014" PTA system
- Long balloon lengths (up to 220 mm)
- Smooth tip-to-wire transition

Cordis offers a complete system 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 material alloys 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.

Product	Type	Guidewire Compatibility (inch)	Balloon Diameter (mm)	Rated Burst Pressure (atm)	Balloon Material	Shaft Construction	Balloon Type Code
SABER™ .035"	Over-The-Wire	.035	3-12	12-24	Nylon 12: Grilamid L25	Dual-Lumen	480
POWERFLEX™ Pro	Over-The-Wire	.035	3-12	8-18	DURALYN™ *	Dual-Lumen	440
SABER™ .018"	Over-The-Wire	.018	2-10	10, 18	DURALYN™ *	Coaxial	480
SLEEK™	Rapid Exchange	.014	2-4		up to 16	Nylon	RX Dual-Lumen
425							
SLEEK™ OTW	Over-The-Wire	.014	1.25-5	up to 16	Nylon	Coaxial	426
AVIATOR™ Plus	Rapid Exchange	.014	4-7		up to 14	DURALYN™ *	RX Coaxial 424

\* Vestamid L2140: Nylon 12

## SABER™ .035"

### Versatile over-the-wire PTA Catheter

- 0.035" PTA Balloon
- Dual Lumen shaft
- Tapered Tip
- RBP up to 24atm
- Extensive size matrix
- One piece hub
- Dual layer hydrophilic coating on the balloon and proximal part of the shaft



Balloon OD x Length (mm x cm)	Rated Burst Pressure (atm)	Recommended CSI Fit (F)	Catalogue * Number	Shaft Length (cm)		
				40	80	135
3 x 2	24	5	48003002	P	N	R
3 x 4	24	5	48003004	P	N	R
3 x 6	24	5	48003006	P	N	R
3 x 8	22	5	48003008	P	N	R
3 x 10	22	5	48003010	P	N	R
3 x 12	22	5	48003012		N	R
3 x 15	22	5	48003015		N	R
3 x 20	22	5	48003020		N	R
3 x 25	20	5	48003025		N	R
3 x 30	20	5	48003030		N	R
4 x 2	22	5	48004002	P	N	R
4 x 4	22	5	48004004	P	N	R
4 x 6	22	5	48004006	P	N	R
4 x 8	22	5	48004008	P	N	R
4 x 10	22	5	48004010	P	N	R
4 x 12	22	5	48004012		N	R
4 x 15	22	5	48004015		N	R
4 x 20	22	5	48004020		N	R
4 x 25	20	5	48004025		N	R
4 x 30	20	5	48004030		N	R
5 x 2	22	5	48005002	P	N	R
5 x 4	22	5	48005004	P	N	R
5 x 6	22	5	48005006	P	N	R
5 x 8	22	5	48005008	P	N	R
5 x 10	22	5	48005010	P	N	R
5 x 12	20	5	48005012	P	N	R
5 x 15	20	5	48005015		N	R
5 x 20	20	5	48005020		N	R

Balloon OD x Length (mm x cm)	Rated Burst Pressure (atm)	Recommended CSI Fit (F)	Catalogue * Number	Shaft Length (cm)		
				40	80	135
5 x 25	18	5	48005025		N	R
5 x 30	18	5	48005030		N	R
6 x 2	18	5	48006002	P	N	R
6 x 4	18	5	48006004	P	N	R
6 x 6	17	5	48006006	P	N	R
6 x 8	17	5	48006008	P	N	R
6 x 10	17	5	48006010	P	N	R
6 x 12	17	5	48006012	P	N	R
6 x 15	17	5	48006015		N	R
6 x 20	17	6	48006020		N	R
6 x 25	17	6	48006025		N	R
6 x 30	17	6	48006030		N	R
7 x 2	18	5	48007002	P	N	R
7 x 4	18	5	48007004	P	N	R
7 x 6	16	5	48007006	P	N	R
7 x 8	16	5	48007008	P	N	R
7 x 10	16	6	48007010	P	N	R
7 x 12	14	6	48007012		N	R
7 x 15	14	6	48007015			R
7 x 20	14	6	48007020			R
7 x 25	14	6	48007025			R
7 x 30	14	6	48007030			R
8 x 2	16	6	48008002	P	N	R
8 x 4	16	6	48008004	P	N	R
8 x 6	16	6	48008006	P	N	R
8 x 8	16	6	48008008	P	N	R
8 x 10	16	6	48008010	P	N	R
9 x 2	13	6	48009002	P	N	R
9 x 4	13	6	48009004	P	N	R
9 x 6	13	6	48009006	P	N	R
9 x 8	13	6	48009008	P	N	R
9 x 10	13	6	48009010	P	N	R
10 x 2	14	7	48010002	P	N	R
10 x 4	14	7	48010004	P	N	R
10 x 6	14	7	48010006	P	N	R
10 x 8	14	7	48010008	P	N	R
10 x 10	14	7	48010010	P	N	R
12 x 2	12	7	48012002	P	N	R
12 x 4	12	7	48012004	P	N	R

\* Add to the catalogue number the suffix corresponding to the shaft length you need: 48003002P



## POWERFLEX™ Pro

### Versatile over-the-wire PTA Catheter

- 0.035" PTA Balloon
- Dual Lumen shaft
- Atraumatic Tip
- RBP up to 18 ATM
- Extended product range
- One piece hub
- Inner and outer (30cm distal) MDX coating



Balloon OD x Length (mm x cm)	Rated Burst Pressure (atm)	Recommended CSI Fit (F)	Catalogue * Number	Shaft Length (cm)	
				80	135
3 x 2	18	5	4400302	S	
3 x 4	18	5	4400304	S	X
3 x 6	18	5	4400306	S	X
3 x 8	18	5	4400308	S	X
3 x 10	18	5	4400310	S	X
3 x 12	18	5	4400312	S	X
3 x 15	18	5	4400315	S	X
3 x 22	18	5	4400322	S	X
4 x 2	18	5	4400402	S	X
4 x 4	18	5	4400404	S	X
4 x 6	18	5	4400406	S	X
4 x 8	18	5	4400408	S	X
4 x 10	18	5	4400410	S	X
4 x 12	18	5	4400412	S	X
4 x 15	18	5	4400415	S	X
4 x 22	18	5	4400422	S	X
5 x 2	15	5	4400502	S	X
5 x 3	15	5	4400503	S	
5 x 4	15	5	4400504	S	X
5 x 6	15	5	4400506	S	X
5 x 8	15	5	4400508	S	X
5 x 10	15	5	4400510	S	X
5 x 12	15	5	4400512	S	X
5 x 15	15	5	4400515	S	X
5 x 22	15	5	4400522	S	X
6 x 2	15	5	4400602	S	X
6 x 3	15	5	4400603	S	
6 x 4	15	5	4400604	S	X
6 x 6	15	5	4400606	S	X
6 x 8	15	5	4400608	S	X
6 x 10	15	5	4400610	S	X

Balloon OD x Length (mm x cm)	Rated Burst Pressure (atm)	Recommended CSI Fit (F)	Catalogue * Number	Shaft Length (cm)	
				80	135
6 x 12	15	5	4400612	S	X
6 x 15	15	5	4400615	S	X
6 x 22	15	5	4400622	S	X
7 x 2	15	5	4400702	S	X
7 x 3	15	5	4400703	S	
7 x 4	15	5	4400704	S	X
7 x 6	12	5	4400706	S	X
7 x 8	12	5	4400708	S	X
7 x 10	12	6	4400710	S	X
8 x 2	12	5	4400802	S	X
8 x 3	12	5	4400803	S	
8 x 4	12	5	4400804	S	X
8 x 6	12	5	4400806	S	X
8 x 8	12	5	4400808	S	X
8 x 10	12	6	4400810	S	X
9 x 2	12	6	4400902	S	X
9 x 3	12	6	4400903	S	
9 x 4	12	6	4400904	S	X
9 x 6	12	6	4400906	S	X
9 x 8	12	7	4400908	S	X
9 x 10	12	7	4400910	S	X
10 x 2	12	6	4401002	S	X
10 x 3	12	6	4401003	S	
10 x 4	12	6	4401004	S	X
10 x 6	12	7	4401006	S	X
10 x 8	12	7	4401008	S	X
10 x 10	12	7	4401010	S	X
12 x 2	8	7	4401202	S	X
12 x 3	8	7	4401203	S	
12 x 4	8	7	4401204	S	X
12 x 6	8	7	4401206	S	X

\* Add to the catalogue number the suffix corresponding to the shaft length you need: 4400302S

## SABER™ .018"



### Low profile PTA Catheter

- Coaxial shaft 3.9F / 4.7F
- RBP: 18 ATM
- Dual layer hydrophilic coating on the balloon and proximal part of the shaft
- Over-the-Wire

Balloon OD x Length (mm x cm)	Rated Burst Pressure (atm)	Recommended Sheath Fit (F)	Catalogue * Number	Shaft Length (cm)	
				90	150
2 x 2	18	4	48002002	S	X
2 x 3	18	4	48002003	S	X
2 x 4	18	4	48002004	S	X
2 x 6	18	4	48002006	S	X
2 x 8	18	4	48002008	S	X
2 x 10	18	4	48002010	S	X
2 x 15	18	4	48002015	S	X
2 x 20	18	4	48002020	S	X
2 x 25	18	4	48002025	S	X
2 x 30	18	4	48002030	S	X
2.5 x 2	18	4	48002502	S	X
2.5 x 3	18	4	48002503	S	X
2.5 x 4	18	4	48002504	S	X
2.5 x 6	18	4	48002506	S	X
2.5 x 8	18	4	48002508	S	X
2.5 x 10	18	4	48002510	S	X
2.5 x 15	18	4	48002515	S	X
2.5 x 20	18	4	48002520	S	X
2.5 x 25	18	4	48002525	S	X
2.5 x 30	18	4	48002530	S	X
3 x 2	18	4	48003002	S	X
3 x 3	18	4	48003003	S	X

Balloon OD x Length (mm x cm)	Rated Burst Pressure (atm)	Recommended Sheath Fit (F)	Catalogue * Number	Shaft Length (cm)	
				90	150
3 x 4	18	4	48003004	S	X
3 x 6	18	4	48003006	S	X
3 x 8	18	4	48003008	S	X
3 x 10	18	4	48003010	S	X
3 x 15	14	4	48003015	S	X
3 x 20	14	4	48003020	S	X
3 x 25	14	4	48003025	S	X
3 x 30	14	4	48003030	S	X
3.5 x 2	18	4	48003502		X
3.5 x 3	18	4	48003503	S	X
3.5 x 4	18	4	48003504	S	X
3.5 x 6	18	4	48003506	S	X
3.5 x 8	18	4	48003508	S	X
3.5 x 10	18	4	48003510	S	X
3.5 x 15	14	4	48003515	S	X
3.5 x 20	14	4	48003520	S	X
3.5 x 25	14	4	48003525	S	X
3.5 x 30	14	4	48003530	S	X
4 x 2	18	4	48004002	S	X
4 x 3	18	4	48004003	S	X
4 x 4	18	4	48004004	S	X
4 x 6	18	4	48004006	S	X

\* Add to the catalogue number the suffix corresponding to the shaft length you need: 48002002S

## SABER™ .018"

### Low profile PTA Catheter

- Coaxial shaft 3.9F / 4.7F
- RBP: 18 ATM
- Dual layer hydrophilic coating on the balloon and proximal part of the shaft
- Over-the-Wire



Balloon OD x Length (mm x cm)	Rated Burst Pressure (atm)	Recommended Sheath Fit (F)	Catalogue * Number	Shaft Length (cm)	
				90	150
4 x 8	18	4	48004008	S	X
4 x 10	18	4	48004010	S	X
4 x 15	14	4	48004015	S	X
4 x 20	14	4	48004020	S	X
4 x 25	14	4	48004025	S	X
4 x 30	14	4	48004030	S	X
5 x 2	16	4	48005002	S	X
5 x 3	16	4	48005003		X
5 x 4	16	4	48005004	S	X
5 x 6	16	4	48005006	S	X
5 x 8	16	4	48005008	S	X
5 x 10	16	4	48005010	S	X
5 x 15	14	5	48005015	S	X
5 x 20	14	5	48005020	S	X
5 x 25	14	5	48005025	S	X
5 x 30	14	5	48005030	S	X
6 x 2	16	4	48006002	S	X
6 x 3	16	4	48006003	S	
6 x 4	16	4	48006004	S	X
6 x 6	16	4	48006006	S	X
6 x 8	16	5	48006008	S	X
6 x 10	16	5	48006010	S	X
6 x 15	14	5	48006015	S	X

Balloon OD x Length (mm x cm)	Rated Burst Pressure (atm)	Recommended Sheath Fit (F)	Catalogue * Number	Shaft Length (cm)	
				90	150
6 x 20	14	5	48006020	S	X
6 x 25	14	6	48006025	S	X
6 x 30	14	6	48006030	S	X
7 x 2	14	4	48007002	S	X
7 x 3	14	4	48007003	S	X
7 x 4	14	4	48007004	S	X
7 x 6	14	5	48007006	S	X
7 x 8	14	5	48007008	S	X
7 x 10	14	5	48007010	S	X
8 x 2	12	4	48008002	S	X
8 x 4	12	4	48008004	S	X
8 x 6	12	5	48008006	S	X
8 x 8	12	5	48008008		X
8 x 10	12	5	48008010	S	X
9 x 2	10	5	48009002	S	
9 x 4	10	5	48009004	S	
9 x 6	10	5	48009006	S	
10 x 2	10	5	48010002	S	
10 x 3	10	5	48010003	S	
10 x 4	10	5	48010004	S	
10 x 8	10	6	48010008	S	
10 x 10	10	6	48010010	S	

\* Add to the ordering number the suffix corresponding to the shaft length you need: 48002002S

## AVIATOR™ Plus

### .014" rapid exchange PTA Catheter

- 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)	Catalogue * Number	Shaft Length (cm) 142
4 x 1.5	14	4	6	424-4015	W
4 x 2	14	4	6	424-4020	W
4 x 3	14	4	6	424-4030	W
4 x 4	14	4	6	424-4040	W
4.5 x 1.5	14	4	6	424-4515	W
4.5 x 2	14	4	6	424-4520	W
4.5 x 3	14	4	6	424-4530	W
4.5 x 4	14	4	6	424-4540	W
5 x 1.5	14	4	6	424-5015	W
5 x 2	14	4	6	424-5020	W
5 x 3	14	4	6	424-5030	W
5 x 4	14	4	6	424-5040	W
5.5 x 1.5	14	4	6	424-5515	W
5.5 x 2	14	4	6	424-5520	W
5.5 x 3	14	4	6	424-5530	W
5.5 x 4	14	4	6	424-5540	W
6 x 1.5	14	4	6	424-6015	W
6 x 2	14	4	6	424-6020	W
6 x 3	14	4	6	424-6030	W
6 x 4	14	4	6	424-6040	W
7 x 1.5	12	4	6	424-7015	W
7 x 2	12	4	6	424-7020	W
7 x 3	12	4	6	424-7030	W
7 x 4	12	4	7	424-7040	W

## SLEEK™ RX

### .014" rapid exchange PTA Catheter

- Dual-lumen rapid exchange shaft
- High rated burst pressure (16-15 atm)
- Long balloon lengths (6-22cm)

Balloon OD x Length (mm x cm)	Rated Burst Pressure (atm)	Recommended Sheath Fit (F)	Catalogue * Number	Shaft Length (cm) 150
2 X 4	16	4	425-2004	X
2 x 12	15	4	425-2012	X
2 x 15	15	4	425-2015	X
2 x 22	15	4	425-2022	X
2.5 x 4	16	4	425-2504	X
2.5 x 6	16	4	425-2506	X
2.5 x 12	15	4	425-2512	X
2.5 x 15	15	4	425-2515	X
2.5 x 22	15	4	425-2522	X
3 x 4	16	4	425-3004	X
3 x 6	16	4	425-3006	X
3 x 12	15	4	425-3012	X
3 x 15	15	4	425-3015	X
3 x 22	15	4	425-3022	X
3.5 x 4	16	4	425-3504	X
3.5 x 6	16	4	425-3506	X
3.5 x 12	15	4	425-3512	X
3.5 x 15	15	4	425-3515	X
3.5 x 22	15	4	425-3522	X
4 x 4	16	4	425-4004	X
4 x 6	16	4	425-4006	X
4 x 12	15	4	425-4012	X
4 x 15	15	4	425-4015	X
4 x 22	15	4	425-4022	X

\* Add to the catalogue number the suffix corresponding to the shaft length you need: 425-2004X

## SLEEK™ OTW

### .014" Over-The-Wire PTA Catheter

- Coaxial
- High rated burst pressure (up to 16atm)
- Long Balloon lengths (1.5-28cm)

Balloon OD x Length (mm x cm)	Rated Burst Pressure (atm)	Recommended Sheath Fit (F)	Catalogue Number
1.25 x 1.5	14	4	4261201X
1.5 x 4	16	4	4261504X
1.5 x 8	16	4	4261508X
1.5 x 10	16	4	4261510X
2 x 2	16	4	4262002X
2 x 4	16	4	4262004X
2 x 8	15	4	4262008X
2 x 10	15	4	4262010X
2 x 12	15	4	4262012X
2 x 15	15	4	4262015X
2 x 22	15	4	4262022X
2 x 28	15	4	4262028X
2.5 x 2	16	4	4262502X
2.5 x 4	16	4	4262504X
2.5 x 8	15	4	4262508X
2.5 x 10	15	4	4262510X
2.5 x 12	15	4	4262512X
2.5 x 15	15	4	4262515X
2.5 x 22	15	4	4262522X
2.5 x 28	15	4	4262528X

Balloon OD x Length (mm x cm)	Rated Burst Pressure (atm)	Recommended Sheath Fit (F)	Catalogue Number
3 x 2	16	4	4263002X
3 x 4	16	4	4263004X
3 x 8	15	4	4263008X
3 x 10	15	4	4263010X
3 x 12	15	4	4263012X
3 x 15	15	4	4263015X
3 x 22	15	4	4263022X
3 x 28	15	4	4263028X
3.5 x 2	16	4	4263502X
3.5 x 4	16	4	4263504X
3.5 x 8	15	4	4263508X
3.5 x 10	15	4	4263510X
3.5 x 15	15	4	4263515X
3.5 x 22	15	4	4263522X
3.5 x 28	15	4	4263528X
4 x 2	16	4	4264002X
4 x 4	16	4	4264004X
4 x 8	15	4	4264008X
4 x 10	15	4	4264010X
4 x 15	15	4	4264015X
4 x 22	15	4	4264022X
4 x 28	15	4	4264028X
5 x 2	14	4	4265002X
5 x 4	14	4	4265004X
5 x 8	13	4	4265008X
5 x 10	13	4	4265010X
5 x 15	10	4	4265015X
5 x 22	10	4	4265022X
5 x 28	10	4	4265028X



# Vascular Closure and compression devices

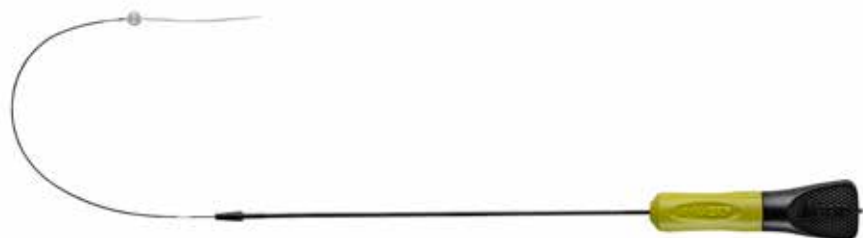
ZEPHYR™ Vascular Compression Device .....	44
MYNX CONTROL™ Vascular Closure Device.....	44
MYNXGRIP™ Vascular Closure Device.....	45
EXOSEAL™ Vascular Closure Device.....	45



ZEPHYR™ VCD



MYNX CONTROL™ VCD



MYNXGRIP™ VCD



EXOSEAL™ VCD

# Vascular Closure and compression devices

## ZEPHYR™ Vascular Compression Device

The ZEPHYR™ Vascular Compression Band is designed to provide security, comfort, and simplicity. This band is uniquely universal with its standard syringe compatibility and multiple access site versatility.

### SOFT FLEXIBLE BAND

Compliant elastomeric band for patient comfort and firm compression balloon for patent hemostasis

### INTERCHANGEABLE SYRINGE CONNECTION

Easy to use: universally compatible with standard luer syringes

### DOUBLE BONDED RADIAL BALLOON

The ZEPHYR™ VCD band helps clinicians achieve patent hemostasis with firm downward pressure and clear visualization of the puncture site.

ZEPHYR is manufactured by Advanced Vascular Dynamics and distributed by Cordis.



PRODUCT CODE	LENGTH	UNITS
190 0100 20	One size fits all (up to 30 cm with the extender)	50 sterile eaches / box*

\* 1 IFU per box to minimize environmental impact

## MYNX CONTROL™ Vascular Closure Device

MYNX CONTROL™ VCD integrates active extravascular sealing and resorbability properties with a next-generation delivery system to maximize predictability, safety, and ease of use in sealing 5-7F femoral arterial access sites.

### Featuring:

A next-generation deployment system designed for predictability and ease of use with a 2-button design to simplify procedural steps

A sheath catch that is compatible with the procedural sheath

A tension indicator that provides visual confirmation of device position for proper sealant deployment

Available in 5F as well as 6/7F sizes

MYNX™ Family of Vascular Closure Devices has been clinically proven to reduce surgical complications, expedite recovery, shorten hospital stays, and increase patient comfort<sup>(1-5)</sup>.

<sup>1</sup> Pruski MJ Jr et al. MynxGrip for closure of antegrade puncture after peripheral interventions with same-day discharge. Vasc Endovasc Surg. 2017 Feb;51(2):67-71.

<sup>2</sup> Baker NC et al. Active versus passive anchoring vascular closure devices following percutaneous coronary intervention: a safety and efficacy comparative analysis. J Interv Cardiol. 2016 Feb; 29(1): 108-112.

<sup>3</sup> Hutchings D et al. Success, safety, and efficacy of the Mynx femoral closure device in a real-world cohort: single-center experience. J Invasive Cardiol. 2016 Mar;28(3):104-108.

<sup>4</sup> Noor S et al. Successful reduction of surgeries secondary to arterial access site complications: a retrospective review at a single center with an extravascular closure device. Vasc Endovascular Surg. 2010 Jul;44(5):345-349.

<sup>5</sup> Fargen KM et al. A prospective randomized single-blind trial of patient comfort following vessel closure: extravascular synthetic sealant closure provides less pain than a self-tightening suture.



SIZE	EMEA ORDER NUMBER	SHEATH CATCH COLOR	QTY PER BOX
5F	MX5060 E	Gray	10
6F / 7F	MX6760 E	Green	10



## 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™ Vascular Closure 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™ Vascular Closure 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.

## 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.

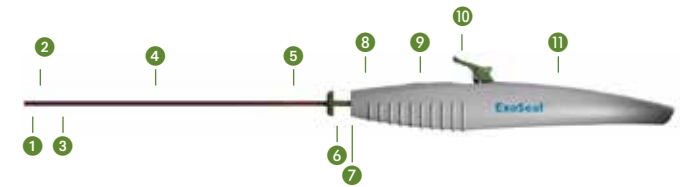
Combining safety and ease-of-use, the Cordis EXOSEAL™ Vascular Closure Device means a more confident close and improved patient outcomes.

Easy-to-Use Functionality  
Safe\* Bioabsorbable Technology  
Precise Extravascular surface  
Excellent Clinical Results

\*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.



SIZE	EMEA ORDER NUMBER	SHEATH CATCH COLOR	QTY PER BOX
5F	MX5021	Gray	10
6F / 7F	MX6721	Green	10



- 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

CSI's FRENCH SIZE	CATALOGUE NUMBER	DESCRIPTION
5F	EX500CE	EXOSEAL™ - to be used with a 5 F sheath introducer up to 12 cm
6F	EX600CE	EXOSEAL™ - to be used with a 6 F sheath introducer up to 12 cm
7F	EX700CE	EXOSEAL™ - to be used with a 7 F sheath introducer up to 12 cm



# CTO Catheters

OUTBACK™ Elite Re-entry Catheter.....44



# CTO Catheters

## **OUTBACK™ Elite Re-Entry Catheter**

The OUTBACK™ Elite Re-entry Catheter 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 visualization equipment.
- Helps reduce time under fluoroscopy: 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 Re-entry Catheter towards the target re-entry site.

\*Cordis data on file, 2015

## OUTBACK™ Elite Re-Entry Catheter

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

Product name	Usable Length (cm)	Sheath Compatibility (F)	Crossing Profile (F)	Catalogue Number
OUTBACK™ Elite Re-Entry catheter	80	6	5.9	OTB59080A
OUTBACK™ Elite Re-Entry catheter	120	6	5.9	OTB59120A

## Recommended OUTBACK™ Elite Catheter compatible .014” guidewires (300 cm)

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

Product name	Total length (cm)	Tip Flexibility	Tip Shape	Catalogue Number
ATW™ All Track Wire	300	Floppy	Straight	595-X014
ATW™ All Track Wire	300	Floppy	J	595-Y014
ATW™ Guidewire	195	Floppy	Straight	595-014
ATW™ Guidewire	195	Floppy	J	595-J014

*Packaged one per box. Order in quantities of one each*

STABILIZER™ Plus Guidewire	300	Supersoft	Straight	507-114X
STABILIZER™ Plus Guidewire	300	Supersoft	J	507-114Y
STABILIZER™ Support Guidewire	180	Supersoft	Straight	507-180S
STABILIZER™ Extra Support Guidewire	180	Supersoft	Straight	527-180E

*Packaged five per box. Order in quantities of five each*

# Guiding Catheters

<b>General Information</b> .....	47
VISTA BRITE TIP™ Guiding Catheters .....	49-51
VISTA BRITE TIP™ IG Guiding Catheters .....	49-51



# Guiding Catheters

## **VISTA BRITE TIP™ Guiding Catheters**

Guiding catheters have extra large lumen and are available in different shapes for precise placement.

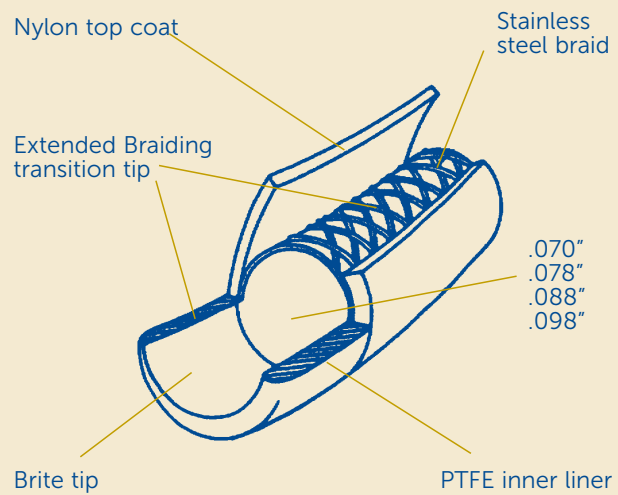
Cordis has also introduced the extra large lumen 6F .070"ID VISTA BRITE TIP™ Guiding Catheters.

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

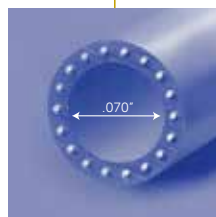
## **VISTA BRITE TIP™ IG Guiding Catheters**

Combines the guiding qualities and handling of the VISTA BRITE TIP™ Guiding Catheters with the sheath introducer advantages of the AVANTI™+ Catheter Sheath Introducer in one unique device.

## Extended Braiding



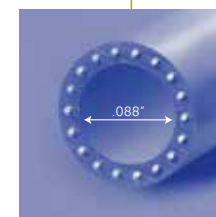
6F .070" GC



7F .078" GC



8F .088" GC



9F .098" GC



• Lengths: 55 cm/90 cm/95 cm/125 cm

• 1 unit per package.
















## VISTA BRITE TIP™ Guiding Catheters

- 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 Guiding Catheters

- Hybrid between a guiding catheter and a sheath introducer
- Braided shaft
- Sheathless insertion possible-allows 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

Length (cm)	6F .070"		7F .078"		8F .088"		9F .098"	
	Vista Brite Tip™	Vista Brite Tip™	Vista Brite Tip™ IG	Vista Brite Tip™	Vista Brite Tip™ IG	Vista Brite Tip™	Vista Brite Tip™ IG	
<b>Straight (str)</b>								
55	670-280-55	778-280-55		588-843P	403-8553S	598-943P		
90	670-280-90	778-280-90		588-844P		598-944P		
95					403-8953S			
<b>Multipurpose (MPA)</b>								
55	670-270-55		403-7553M	588-840P	403-8553M			
90	670-270-90	778-270-90		588-842P		598-942P		
95					403-8953M			403-9953M
125	SM7406							
<b>Multipurpose (MPC)</b>								
95				588-8206		598-9206		
<b>Multipurpose (MPD)</b>								
95				588-8207				
<b>Hockey stick (HS)</b>								
55	670-278-55	778-278-55	403-7553H	588-841P	403-8553H			

Length (cm)	6F .070"		7F .078"		8F .088"		9F .098"	
	 Vista Brite Tip™	 Vista Brite Tip™	 Vista Brite Tip™ IG	 Vista Brite Tip™	 Vista Brite Tip™ IG	 Vista Brite Tip™	 Vista Brite Tip™ IG	
<b>Renal Curve I Small (RDC I)</b>								
55	670-210-55	778-210-55	403-7553R	588-845P	403-8553R			
<b>Renal Curve Adult (RDC II)</b>								
55	670-212-55	778-212-55	403-7553A	588-846P	403-8553A			
<b>J-Curve (J)</b>								
55	670-214-55	778-214-55						
<b>Contralateral I (CONTRA I)</b>								
55		778-222-55	403-7553C	588-857P	403-8553C			
<b>Contralateral II (CONTRA II)</b>								
55		778-224-55		588-858P				
<b>Vertebral (VTBL)</b>								
90		778-216-90		588-847P				

Length (cm)	6F .070"		7F .078"		8F .088"		9F .098"	
	 Vista Brite Tip™	 Vista Brite Tip™	 Vista Brite Tip™ IG	 Vista Brite Tip™	 Vista Brite Tip™ IG	 Vista Brite Tip™	 Vista Brite Tip™ IG	

**Modified Cerebral Burke (CBL)**



90	670-218-90	778-250-90		588-848P			
95						403-8953B	

**Headhunter (H1)**



95				588-8202			
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**Judkins right 4 (JR4)**



55	670-082-55						
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**Internal Mammary (IM)**



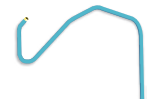
55	670-190-55						
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**Saad Right**



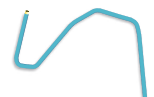
90				SM7571			
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**Saad Left**



90				SM7572			
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**Saad Left 2**



90				SM7573			
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# Diagnostic Catheters

<b>General Information</b> .....	55
<b>Flush Catheters</b> .....	56
• Digital subtraction angiography set	
<b>Selective Catheters</b> .....	60
• Multipurpose	
• Visceral	
• Cerebral	
<b>Calibration Catheters</b> .....	70



# Diagnostic Catheters

## **SUPERTORQUE™ Diagnostic Catheters**

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 SUPERTORQUE™ Catheters line has a Polyurethane shaft.



## **NYLEX™ Diagnostic Catheters**

## **TEMPO™ Diagnostic Catheters**

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

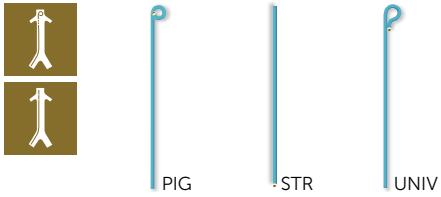
## **TEMPO AQUA™ Diagnostic Catheters**

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.

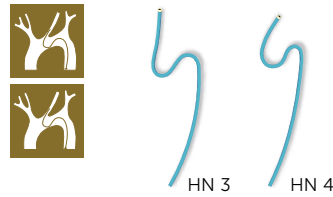


	NYLEX™ 4F	NYLEX™ 5F	SUPER TORQUE™ 4F	SUPER TORQUE™ 5F	SUPER TORQUE™ 6F	TEMPO™ 4F	TEMPO™ 4F	TEMPO™ 5F	TEMPO™ 5F	TEMPO AQUA™ 4F	TEMPO AQUA™ 5F	SUPER TORQUE™ MB
	Flush	Flush	Flush/ Selective	Flush/ Selective	Flush/ Selective	Flush	Selective	Flush	Selective	Selective	Selective	Calibration Catheters
Pressure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

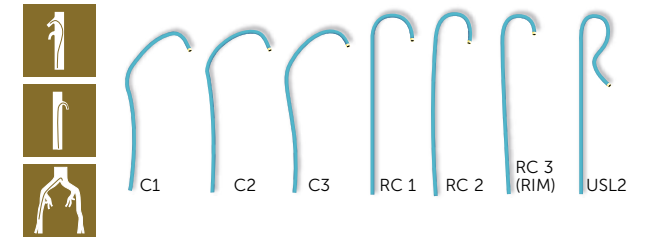
FLUSH CATHETERS



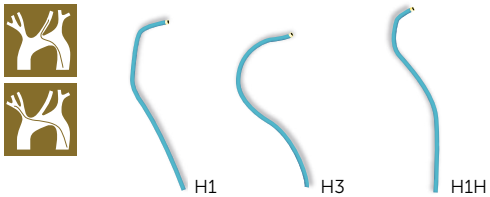
NEWTON



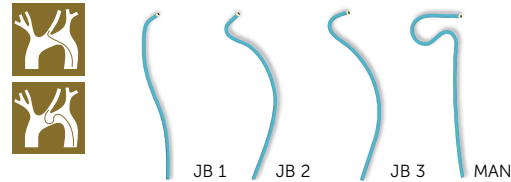
COBRA, J CURVE



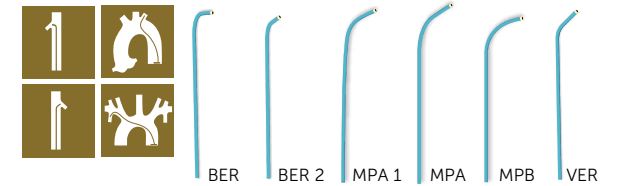
HEADHUNTER



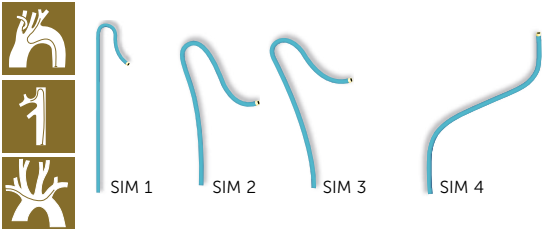
BENTSON, MANI



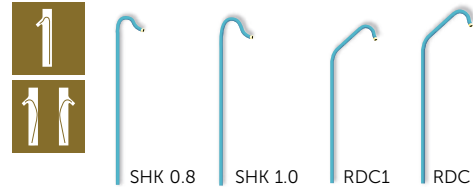
MULTIPURPOSE, VERTEBRAL



SIDEWINDER



SHEPHERD HOOK, RENALS



## 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
NYLEX™ 4F		21	18	17	16
NYLEX™ 5F		33	28	26	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
NYLEX™ 4F	.040	.038	.035
NYLEX™ 5F	.050	.038	.035

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





## 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

## NYLEX™ 4F & 5F Diagnostic Catheters

- Non-braided Nylon body
- High flow rates
- 1050 psi pressure limit
- One piece construction
- 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		NYLEX™ 4F		NYLEX™ 5F	
	SH*	Cat. N°	SH	Cat. N°	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	8	526-410	8	526-510
65											8	526-430	8	526-530
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	8	526-411	8	526-511
90											8	526-431		
100	8	532-412T	8	532-555H8			5	451-403 H5	5	451-503 H5	8	526-412	8	526-512
110	8	532-413T			8	455-613E	5	451-403 L5	5	451-503 L5	8	526-413	8	526-513
125							5	SRD5536						

### Universal Flush (UNIV)

65							5	451-404V5	5	451-504V5	8	526-440	8	526-540
90							5	451-404F5	5	451-504F5			8	
100											8	526-442		
110									5	451-504L5				

### Straight (STR)

40								SRD6885						
65	8	532-420T	8	532-564V8			5	451-401V5	5	451-501V5	8	526-420	8	526-520
90	8	532-421T					5	451-401F5	5	451-501F5	8	526-421	8	526-521
100	8	532-422T	8	532-569H8			5	451-401H5	5	451-501H5	8	526-422	8	526-522
110							5	451-401L5	5	451-501L5	8	526-423	8	526-523

\*Tennis Raquet

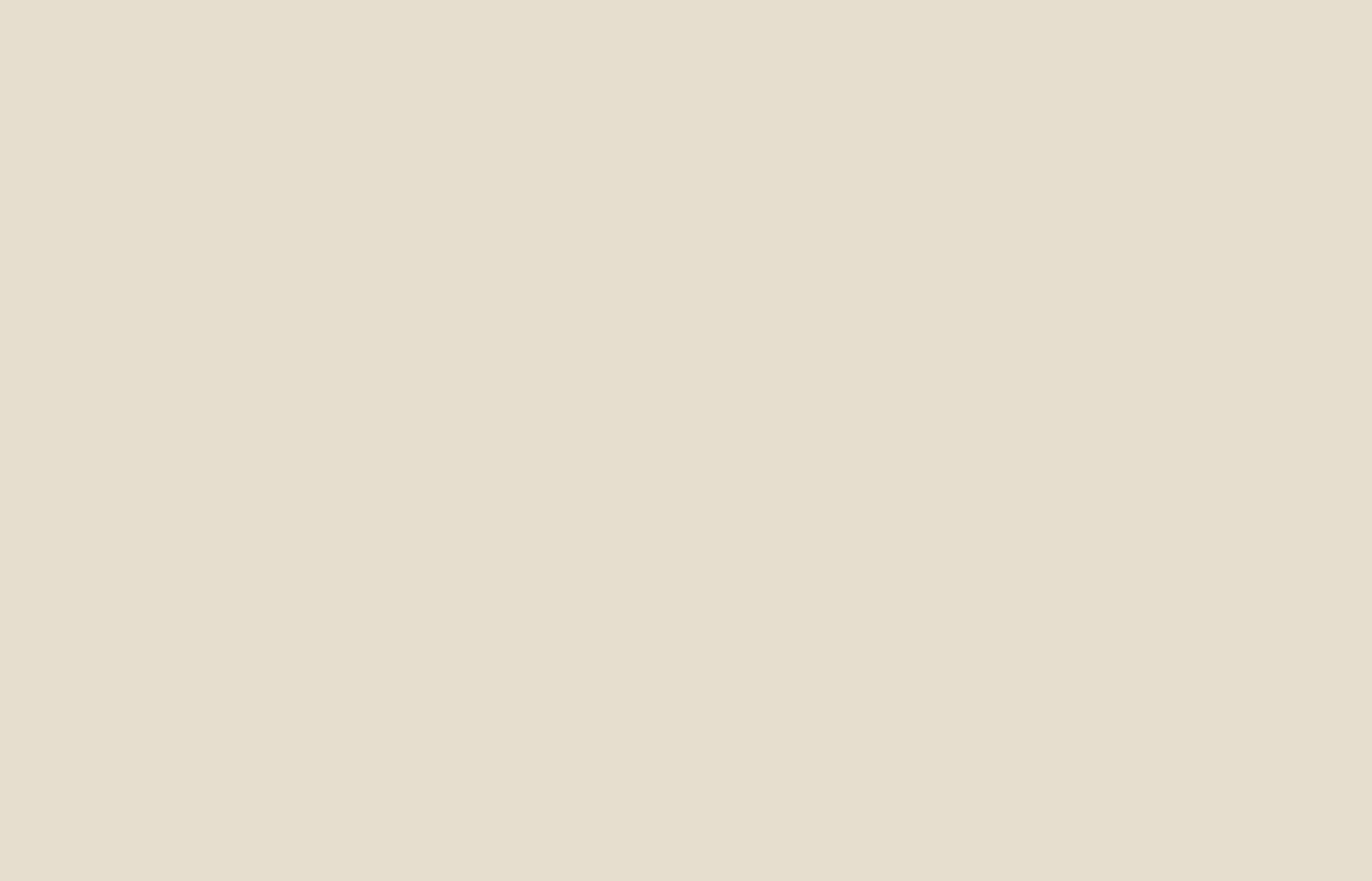


## Flow Rate Chart (ml/s)

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



## 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
100		532-430		451-406H0		451-506H0	
100	2	532-482	2	532-507		451-506H2	2
125		532-431		451-406P0		451-506P0	
125	2	532-457	2	532-508		451-506P2	2

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
100		532-578					
100			2	455-637	2	451-407H2	2
						452-407H0 <sup>1</sup>	452-507H0 <sup>1</sup>

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

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 B (MPB)**

65				2	451-408V2		
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**Multipurpose (Subintimal recanalization)**

65	-	532-576					
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## Renal

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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### 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)	<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> ●
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### Renal Double Curve Adult



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



# 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>
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## Child 1 (C1)

65		532-440	532-512		451-442V0	451-542V0	452-442V0 <sup>1</sup>	452-542V0 <sup>1</sup>
65	2	532-441	532-515	2	451-442V2	451-542V2		

## Small adult (C2)






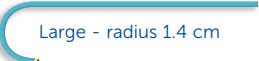
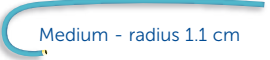

65		532-442	532-513	455-671	451-443V0	451-543V0	452-443V0 <sup>1</sup>	452-543V0 <sup>1</sup>
65	2	532-443	532-516		451-443V2	451-543V2		
80							452-443S0 <sup>1</sup>	
100		532-439			451-443H0	451-543H0		

## Normal adult (C3)

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

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

## Shepherd Hook

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°
<b>Shepherd Hook I (SHK I)</b> 65		532-473		0.8 cm-radius				451-449V0		451-549V0				
<b>Shepherd Hook II (SHK II)</b> 65		532-474			532-519			451-450V0		451-550V0			-	
<b>Celiac Trunk</b> 80					532-567									
<b>Uni Select II</b> 80								451-418S0		451-518S0				
<b>Uni Select II</b> 125										SRD6050				
<b>J-Curve I</b> 65		532-447		Large - radius 1.4 cm	-			451-455V0		451-555V0				
<b>J-Curve II</b> 65		532-448		Medium - radius 1.1 cm	-	532-522		451-456V0		451-556V0				
<b>J-Curve III</b> 65		532-449		Small - radius 0.6 cm	-	532-523		451-457V0		451-557V0				

## Sidewinder Simmons Technique

Lengths (cm)	<b>SUPERTORQUE™ 4F</b> SH* ● Cat. N°	<b>SUPERTORQUE™ 5F</b> SH ● Cat. N°	<b>SUPERTORQUE™ 6F</b> SH ● Cat. N°	<b>TEMPO™ 4F</b> SH ● Cat. N°	<b>TEMPO™ 5F</b> SH ● Cat. N°	<b>TEMPO AQUA™ 4F</b> SH ● Cat. N°	<b>TEMPO AQUA™ 5F</b> 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 <sup>1</sup>	452-530H0 <sup>1</sup>
100		2 532-546	2 455-660D		2 451-530H2		

### Sidewinder Simmons Technique I I (SIM2)



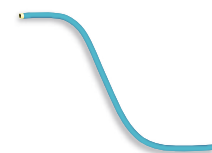
100	532-415	532-502	455-661	451-431H0	451-531H0	452-431H0 <sup>1</sup>	452-531H0 <sup>1</sup>
100		2 532-547			2 451-531H2		

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

Lengths (cm)	<b>SUPERTORQUE™ 4F</b> SH* ● Cat. N°	<b>SUPERTORQUE™ 5F</b> SH ● Cat. N°	<b>SUPERTORQUE™ 6F</b> SH ● Cat. N°	<b>TEMPO™ 4F</b> SH ● Cat. N°	<b>TEMPO™ 5F</b> SH ● Cat. N°	<b>TEMPO AQUA™ 4F</b> SH ● Cat. N°	<b>TEMPO AQUA™ 5F</b> SH ● Cat. N°
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### Headhunter I (H1)



100	532-461	532-504	455-665	451-435H0	451-535H0	452-435H0 <sup>1</sup>	452-535H0 <sup>1</sup>
100			455-666				

### Headhunter III (H3)



100				451-439H0	451-539H0		
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### Newton III (HN3)



100					451-520H0		
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### Newton IV (HN4)



100		532-520		451-421H0	451-521H0		
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### Mani (MAN)



100	532-470	532-571			451-512H0		
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<sup>1</sup>Sold by one unit

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



65				451-413V0	451-513V0		
100	532-405			451-413H0	451-513H0	452-413H0 <sup>1</sup>	452-513H0 <sup>1</sup>

**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		
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**Bentson-Hanafee-Wilson II (JB2)**



100	532-437	532-543H0		451-424H0	451-524H0		
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**Bentson-Hanafee-Wilson III (JB3)**



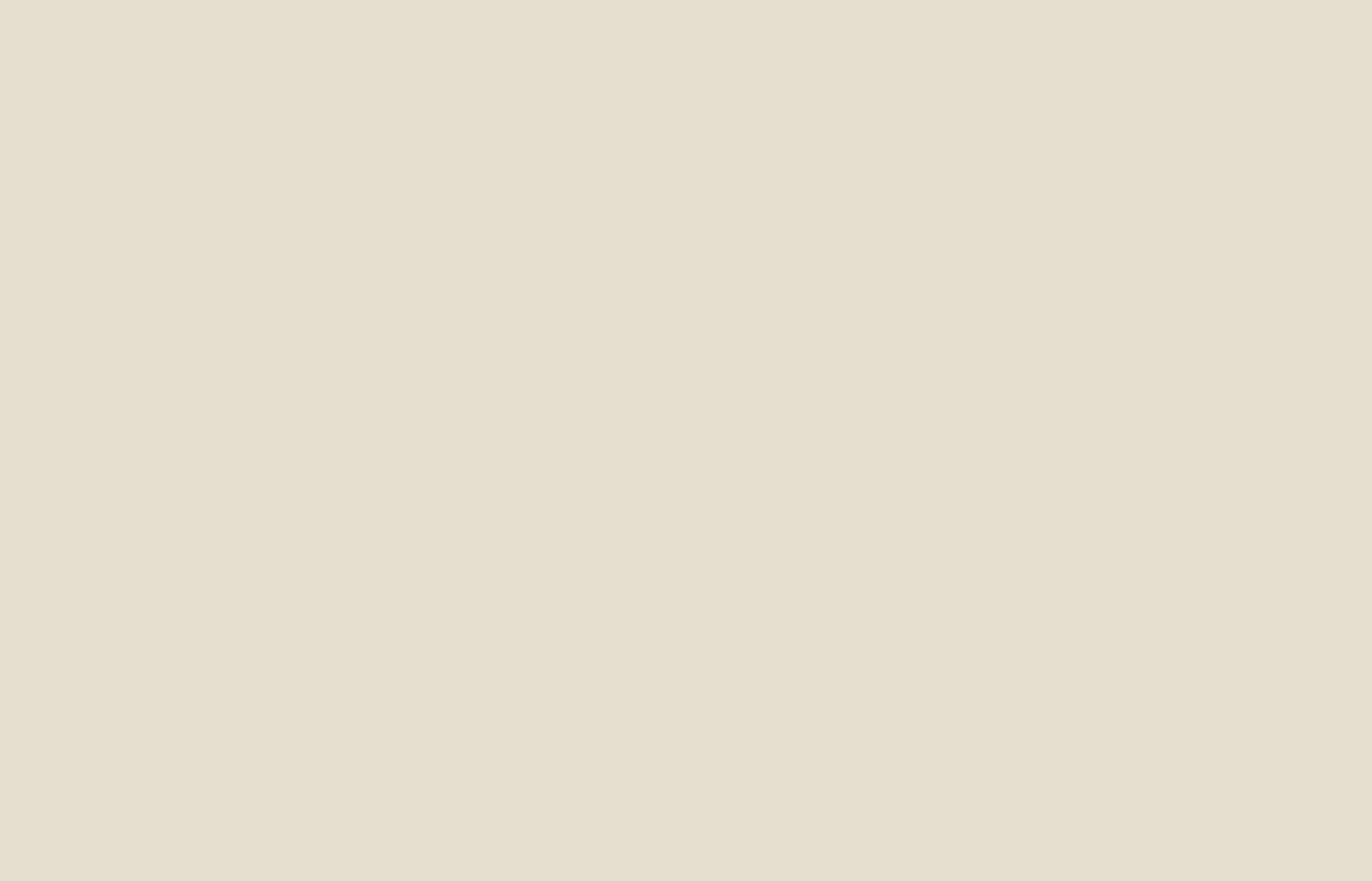
100	532-438				451-525H0		
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**Vertebral (VERT)**



100	532-497	532-549H0		451-414H0	451-514H0	452-414H0 <sup>1</sup>	452-514H0 <sup>1</sup>
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<sup>1</sup> 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

# 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

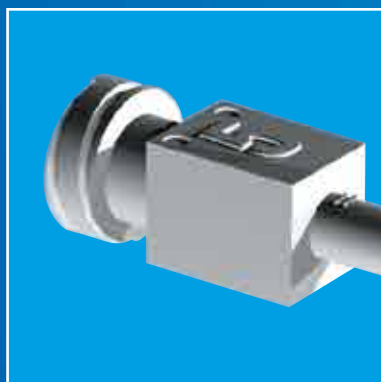
\* 2 cm spacing per beginning of each marker





# Catheter Sheath Introducers

<b>General Information</b> .....	76
AVANTI™+ Catheter Sheath Introducers .....	77
BRITE TIP™ Catheter Sheath Introducers .....	78
Obturators.....	79
Vessel Dilators.....	79



# 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

## 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.

## 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

## BRITE TIP™ Catheter Sheath Introducers

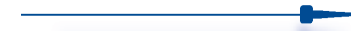
- Co-extruded Polyethylene kink resistant cannula
- Unique SLIX valve for uncompromised valve hemostatis
- 3 mm atraumatic, and radiopaque distal tip for precise placement
- Smooth transition between cannula and dilator
- Excellent kink resistance and back up support
- 5 units per package / 5.5 cm, 11 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	without mini-guidewire	with mini-guidewire	without mini-guidewire	with mini-guidewire	without 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	
		with mini-guidewire	without mini-guidewire	with mini-guidewire	without mini-guidewire	with mini-guidewire	without mini-guidewire	with mini-guidewire	without mini-guidewire	with 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								

## Obturator

- 10 units per package



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

## Vessel Dilators

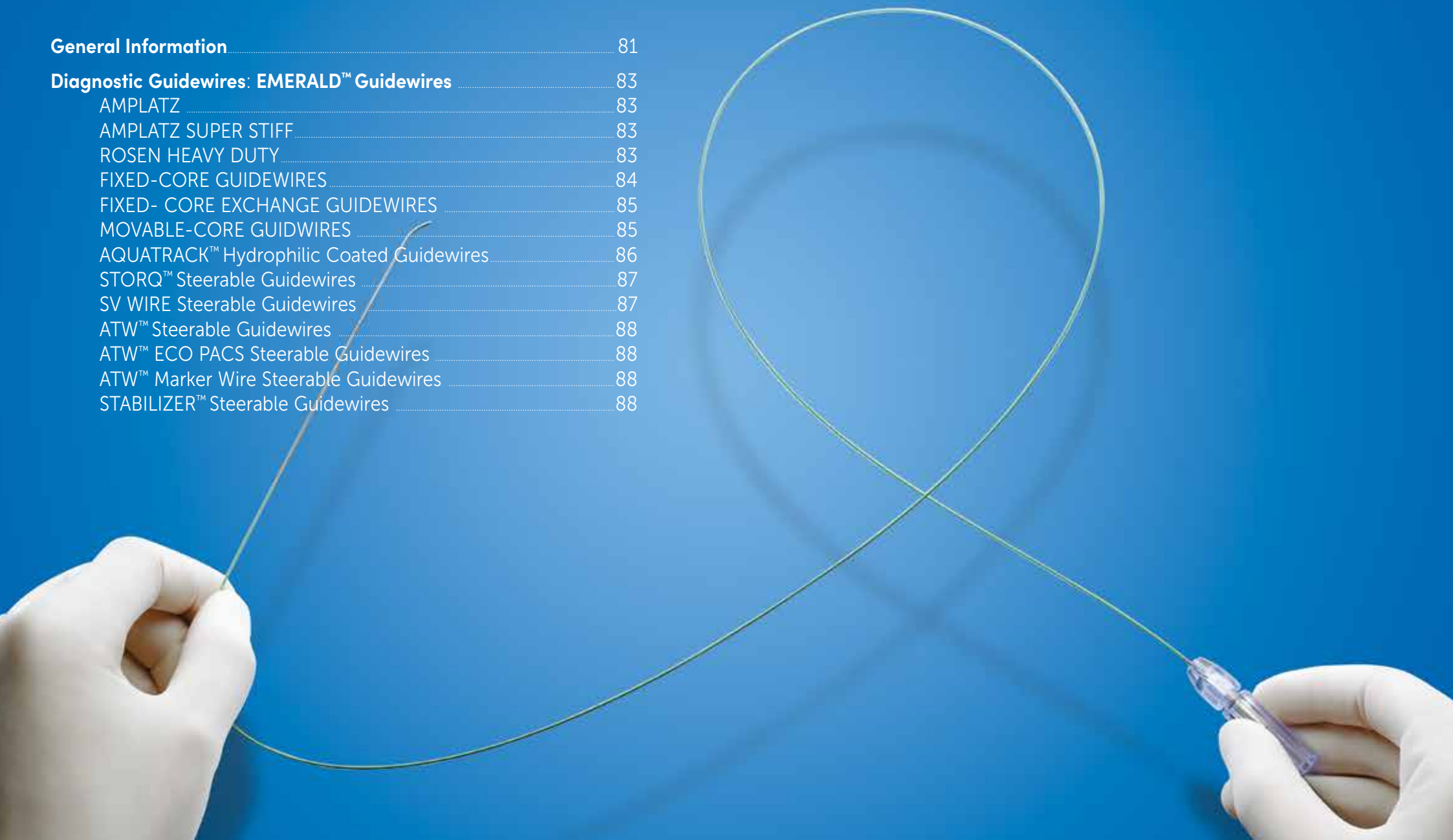
- Facilitate the percutaneous entry of angiographic catheters
- With Luer hubs
- 10 units per package



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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## 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"
<b>Diagnostic</b>							
• EMERALD™ Guidewire		X	X	X	X	X	X X

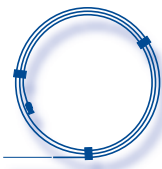
Besides this diagnostic line, Cordis also offers **different interventional guidewires** that will help you achieve satisfactory procedure results :

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

## EMERALD™

### Amplatz

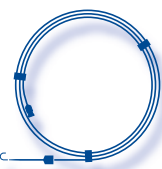
- For percutaneous entry and guidance of angiographic catheters
- 5 units per package



### PTFE-Coated Straight Tip

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

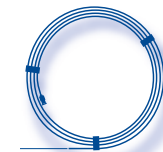
### PTFE-Coated J-Curve



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

### Amplatz Super Stiff

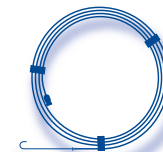
- For percutaneous entry and guidance of angiographic catheters
- Pre-coated PTFE
- 5 units per package



### 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



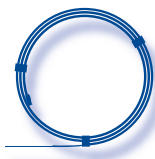
### PTFE-Coated J-Curve

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

## EMERALD™

### Fixed-core Guidewires

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



### PTFE-Coated Straight Tip

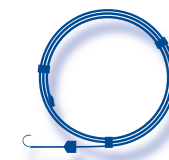
Diameter (inch)	Length (cm)	Flexible End (cm)	J-Radius (mm)	Catalogue Number
.018	150	7		502-704
.021	150	7		502-703
.025	150	7		502-549
.032	150	7		502-548
.035	150	7		502-542
.035	150	10		502-544*
.035	150	20		502-560
.038	150	7		502-541

\* 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

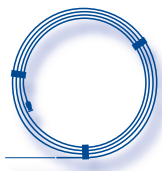
Diameter (inch)	Length (cm)	Flexible End (cm)	J-Radius (mm)	Catalogue Number	
.025	150	7	3	502-524	
.025	150	7	15	502-536	
.030	heavy duty, high strength	150	7	3	502-522
.032	150	7	3	502-526	
.035	80	7	3	502-701	
.035	150	7	1.5	502-531	
.035	high strength	175	7	1.5	502-534
.035	150	7	3	502-521	
.035	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

## EMERALD™

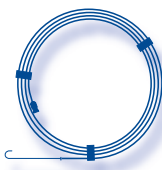
### Fixed-core Exchange Guidewires

- 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)	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

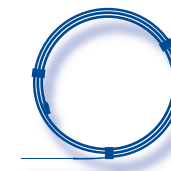


### PTFE-Coated J-Curve

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

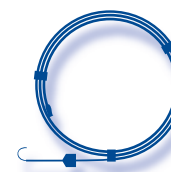
### Movable-core Guidewires

- 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

## AQUATRACK™ Hydrophilic Coated Guidewires

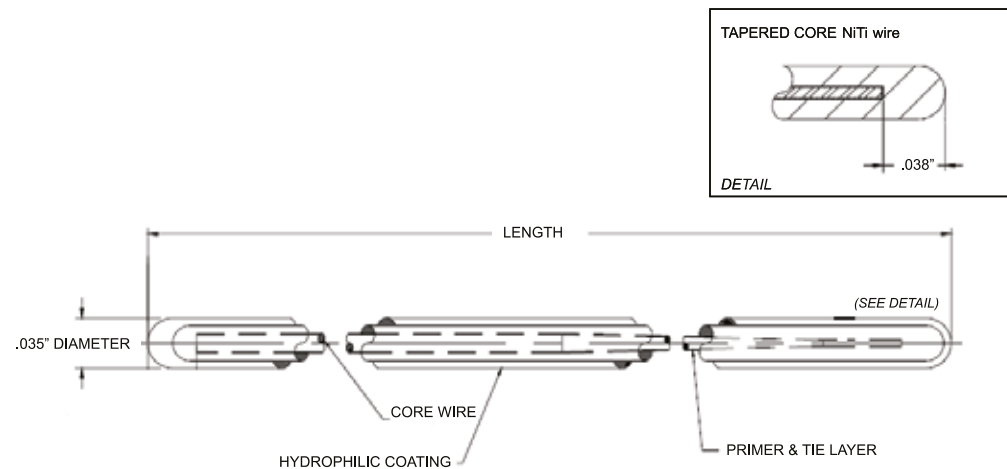
- Guidewire OD: .035"
- Nitinol core wire
- Photolink™ Hydrophilic Coating
- Torque device included with each wire
- 5 units per package

### 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 <td Angled	C3526SSA	
260 cm	Stiff	Short	Straight	C3526SSS



## 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

## 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 Guidewi
- 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

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ANGIOGUARD™ RX Emboli Capture Guidewire System ..... 93



# 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

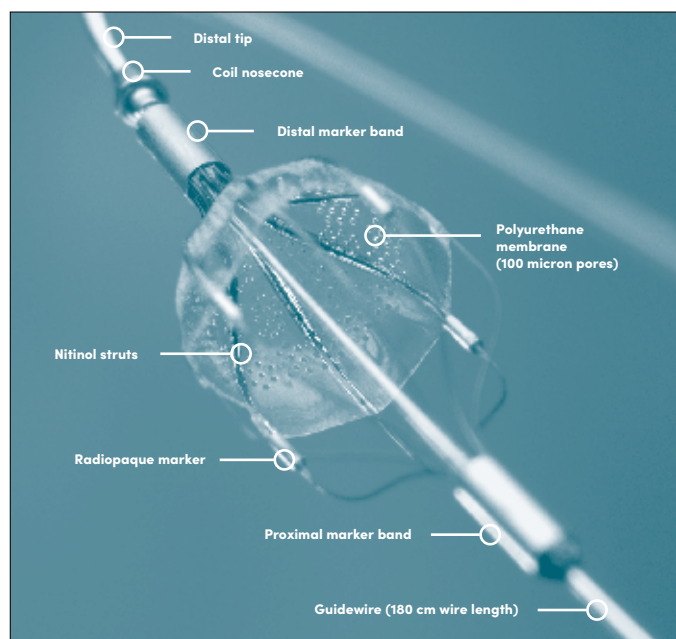
- **Effective capture** of clinically relevant emboli with 100µ pore sizes filter
- **Optimal wall apposition**

### 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

## 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



## 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**.

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

## ANGIOGUARD™ RX Emboli Capture Guidewire System components

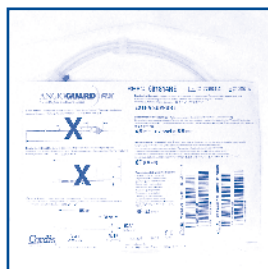
### 1/ Pouch 1

- 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.

## 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

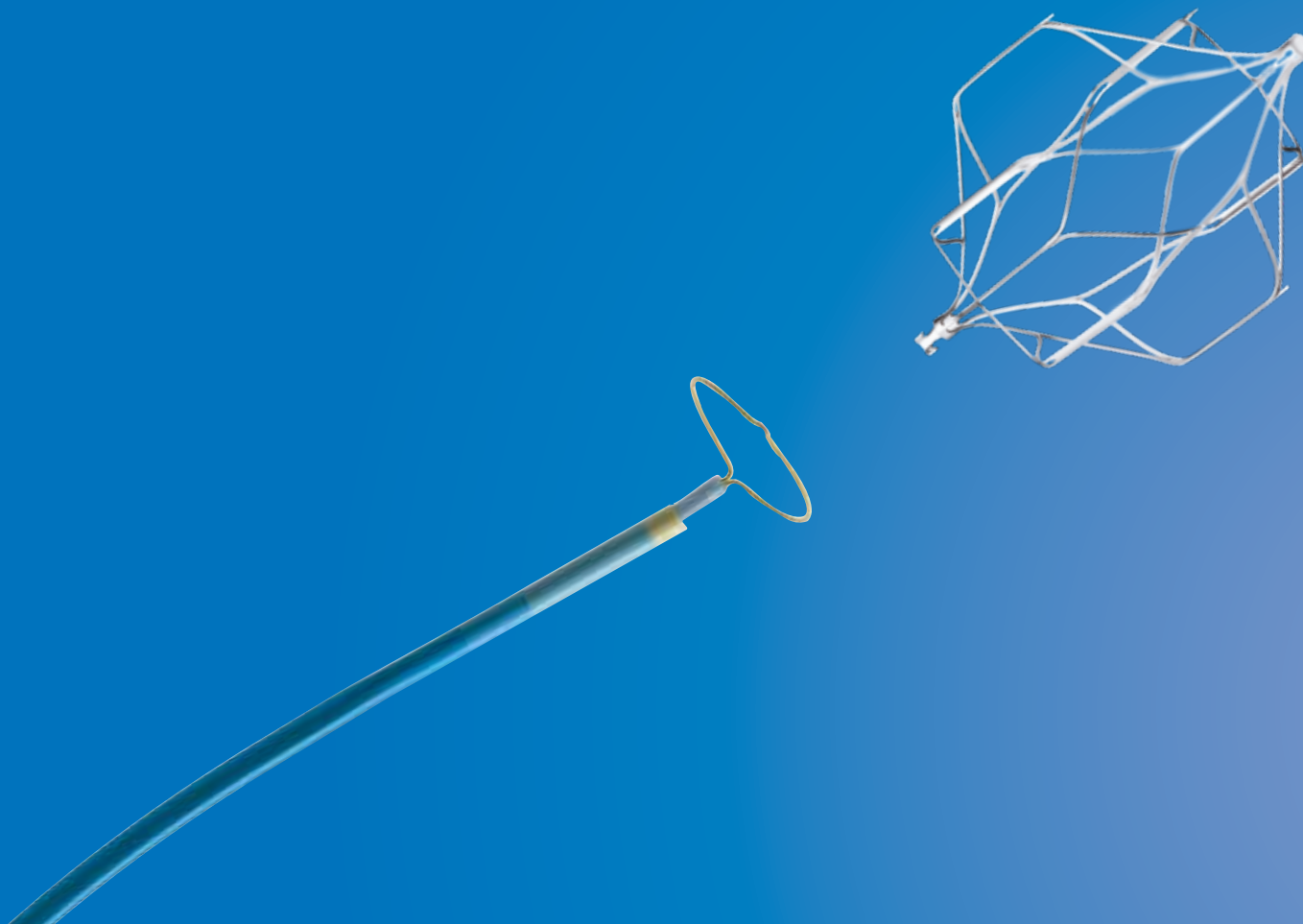
Filter Basket size (mm)	Vessel diameter (mm)	Catalogue Number
6	$4.5 < \text{vessel} \leq 5.5$	601814RM

For availability, please contact your local Sales Representative



# Venous Products

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OPTease™ Retrievable Vena Cava Filter .....	98





# Venous Products

## OPTEASE™

Retrievable Vena Cava Filter

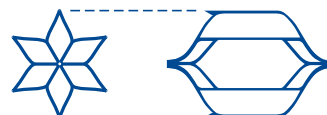


OPTEASE™ Retrievable Vena Cava Filters are an option for prevention of pulmonary embolism.

- 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

## OPTEASE™ Retrievable Vena Cava Filter

- The OPTEASE™ Retrievable 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.



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## 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

## 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

## 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

## One-Piece Needles

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



Cannula O.D.	Description	Maximum Guidewire Ø	Length (cm)	Catalogue Number
18G	Thin wall	0.038"	7.0	12-004943
19G	Thin wall	0.032"	3.8	12-004925
21G	Thin wall	0.021"	3.8	12-004924

## 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.