

Diagnostic Catheters

SUPERTORQUE™ Diagnostic Catheters

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



TEMPO™ Diagnostic Catheters

TEMPO AQUA™ Diagnostic Catheters

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

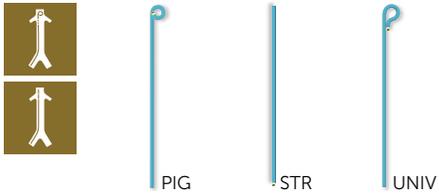
All the Cordis selective catheters have a unique braiding that provides excellent Torque control. TEMPO AQUA™ Diagnostic Catheter has a truly bonded hydrophilic coating, that enables a smooth passage through the vessel. All commonly used shapes are available in different French-sizes.

Diagnostic Catheters

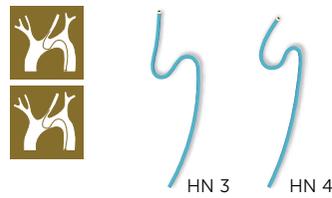
General information

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

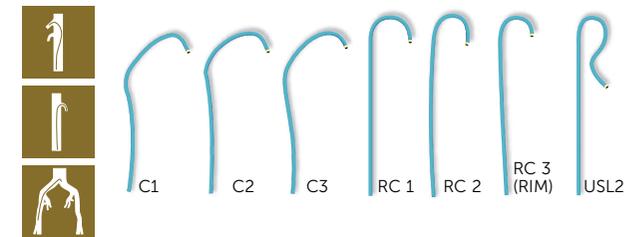
FLUSH CATHETERS



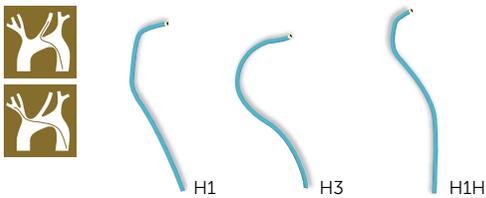
NEWTON



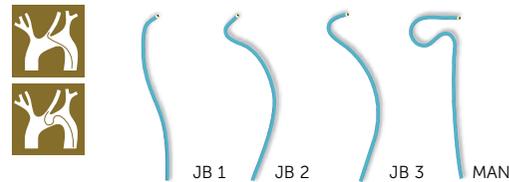
COBRA, J CURVE



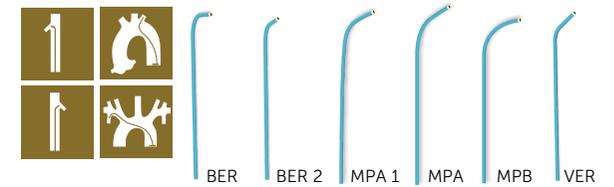
HEADHUNTER



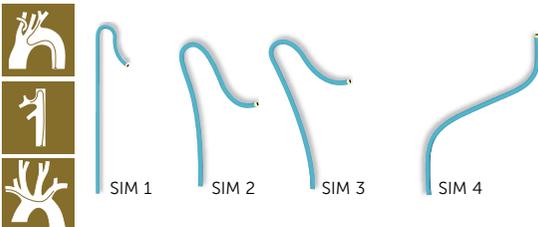
BENTSON, MANI



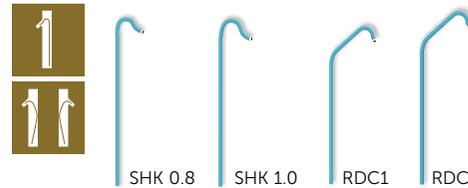
MULTIPURPOSE, VERTEBRAL



SIDEWINDER



SHEPHERD HOOK, RENALS



Diagnostic Catheters

Flush Catheters

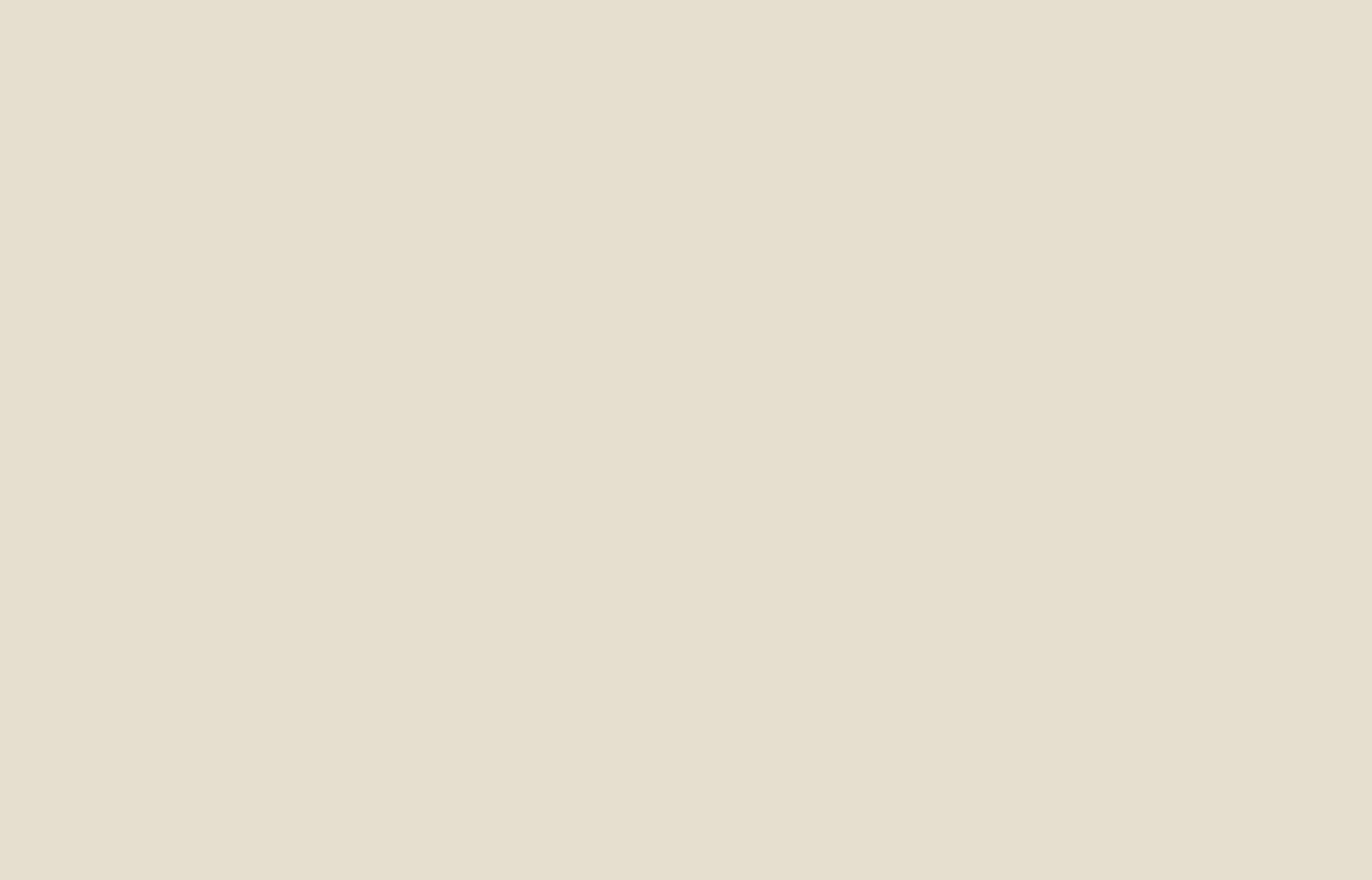
Flow Rate Chart (ml/s)

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

Inner Diameter Specifications

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

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



Diagnostic Catheters

Flush Catheters

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

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

TEMPO™ 4F & 5F Diagnostic Catheters

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

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

Pigtail (PIG)

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

Universal Flush (UNIV)

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

Straight (STR)

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

*Tennis Raquet

Diagnostic Catheters

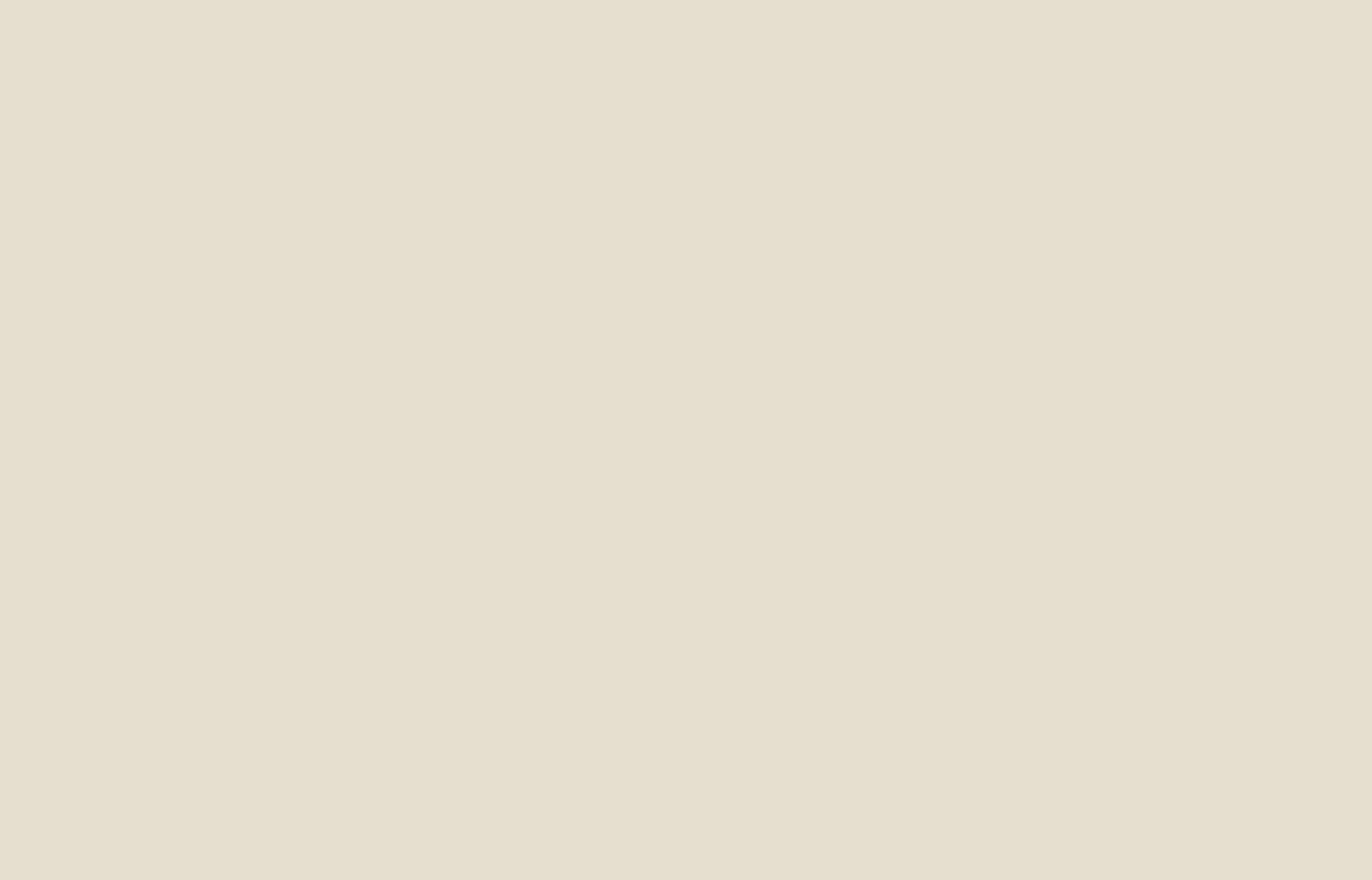
Selective Catheters

Flow Rate Chart (ml/s)

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

Inner Diameter Specifications

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



Diagnostic Catheters

Selective Multipurpose Catheters

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

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

TEMPO™ 4F & 5F Diagnostic Catheter

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

TEMPO AQUA™ 4F & 5F Diagnostic Catheter

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

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

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) | SUPERTORQUE™ 4F SH* ● Cat. N° | SUPERTORQUE™ 5F SH ● Cat. N° | SUPERTORQUE™ 6F SH ● Cat. N° | TEMPO™ 4F SH ● Cat. N° | TEMPO™ 5F SH ● Cat. N° | TEMPO AQUA™ 4F SH ● Cat. N° | TEMPO AQUA™ 5F SH ● Cat. N° |
|--------------|----------------------------------|---------------------------------|---------------------------------|---------------------------|---------------------------|--------------------------------|--------------------------------|
|--------------|----------------------------------|---------------------------------|---------------------------------|---------------------------|---------------------------|--------------------------------|--------------------------------|

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 ¹ | 452-507H0 ¹ |

¹Sold by one unit

Diagnostic Catheters

Selective Multipurpose Catheters

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



Multipurpose B (MPB)

| | | | | | |
|----|--|--|--|---|-----------|
| 65 | | | | 2 | 451-408V2 |
|----|--|--|--|---|-----------|

Multipurpose (Subintimal recanalization)

| | | |
|----|---|---------|
| 65 | - | 532-576 |
|----|---|---------|

Diagnostic Catheters

Selective Visceral Catheters

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° |
|-----------------|---|--|--|----------------------------------|----------------------------------|---------------------------------------|---------------------------------------|
|-----------------|---|--|--|----------------------------------|----------------------------------|---------------------------------------|---------------------------------------|

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> ● |
|-----------------|-----------------------------|-----------------------------|-----------------------------|-----------------------|-----------------------|----------------------------|----------------------------|
|-----------------|-----------------------------|-----------------------------|-----------------------------|-----------------------|-----------------------|----------------------------|----------------------------|

Renal Double Curve Adult



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

Diagnostic Catheters

Selective Visceral Catheters

Cobra

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

Child 1 (C1)



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

Small adult (C2)



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

Normal adult (C3)



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

¹Sold by one unit

Diagnostic Catheters

Selective Visceral Catheters

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° |
| Shepherd Hook I (SHK I) |  | | | | | | | | | | | | | |
| 65 | 532-473 | | | | | | 451-449V0 | | 451-549V0 | | | | | |
| Shepherd Hook II (SHK II) |  | | | | | | | | | | | | | |
| 65 | 532-474 | | 532-519 | | | | 451-450V0 | | 451-550V0 | | | | | - |
| Celiac Trunk |  | | | | | | | | | | | | | |
| 80 | | | 532-567 | | | | | | | | | | | |
| Uni Select II |  | | | | | | | | | | | | | |
| 80 | | | | | | | 451-418S0 | | 451-518S0 | | | | | |
| Uni Select II |  | | | | | | | | | | | | | |
| 125 | | | | | | | | | | | | | SRD6050 | |
| J-Curve I |  | | | | | | | | | | | | | |
| 65 | 532-447 | | - | | | | 451-455V0 | | 451-555V0 | | | | | |
| J-Curve II |  | | | | | | | | | | | | | |
| 65 | 532-448 | | - | 532-522 | | | 451-456V0 | | 451-556V0 | | | | | |
| J-Curve III |  | | | | | | | | | | | | | |
| 65 | 532-449 | | - | 532-523 | | | 451-457V0 | | 451-557V0 | | | | | |

Diagnostic Catheters

Selective Cerebral Catheters

Sidewinder Simmons Technique

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

Sidewinder Simmons Technique I (SIM1)



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

Sidewinder Simmons Technique II (SIM2)



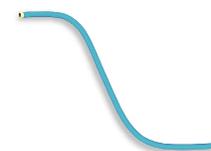
| | | | | | | | |
|-----|---------|-----------|---------|-----------|-------------|------------------------|------------------------|
| 100 | 532-415 | 532-502 | 455-661 | 451-431H0 | 451-531H0 | 452-431H0 ¹ | 452-531H0 ¹ |
| 100 | | 2 532-547 | | | 2 451-531H2 | | |

Sidewinder Simmons Technique III (SIM3)



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

Sidewinder Simmons Technique IV (SIM4)



| | | | | | | | |
|-----|--|--|---------|--|--|--|--|
| 100 | | | 455-663 | | | | |
|-----|--|--|---------|--|--|--|--|

¹Sold by one unit

Diagnostic Catheters

Selective Cerebral Catheters

| Lengths (cm) | SUPERTORQUE™ 4F SH* ● Cat. N° | SUPERTORQUE™ 5F SH ● Cat. N° | SUPERTORQUE™ 6F SH ● Cat. N° | TEMPO™ 4F SH ● Cat. N° | TEMPO™ 5F SH ● Cat. N° | TEMPO AQUA™ 4F SH ● Cat. N° | TEMPO AQUA™ 5F SH ● Cat. N° |
|----------------------------|---|--|--|----------------------------------|----------------------------------|---------------------------------------|---------------------------------------|
| | | |  | | | | |
| Headhunter I (H1) | | | Moderately tortuous arch | | | | |
| 100 | 532-461 | 532-504 | 455-665 | 451-435H0 | 451-535H0 | 452-435H0 ¹ | 452-535H0 ¹ |
| 100 | | | 455-666 | | | | |
| | | |  | | | | |
| Headhunter III (H3) | | | Undilated arch | | | | |
| 100 | | | | 451-439H0 | 451-539H0 | | |
| | | |  | | | | |
| Newton III (HN3) | | | | | | | |
| 100 | | | | | 451-520H0 | | |
| | | |  | | | | |
| Newton IV (HN4) | | | | | | | |
| 100 | | 532-520 | | 451-421H0 | 451-521H0 | | |
| | | |  | | | | |
| Mani (MAN) | | | | | | | |
| 100 | 532-470 | 532-571 | | | 451-512H0 | | |

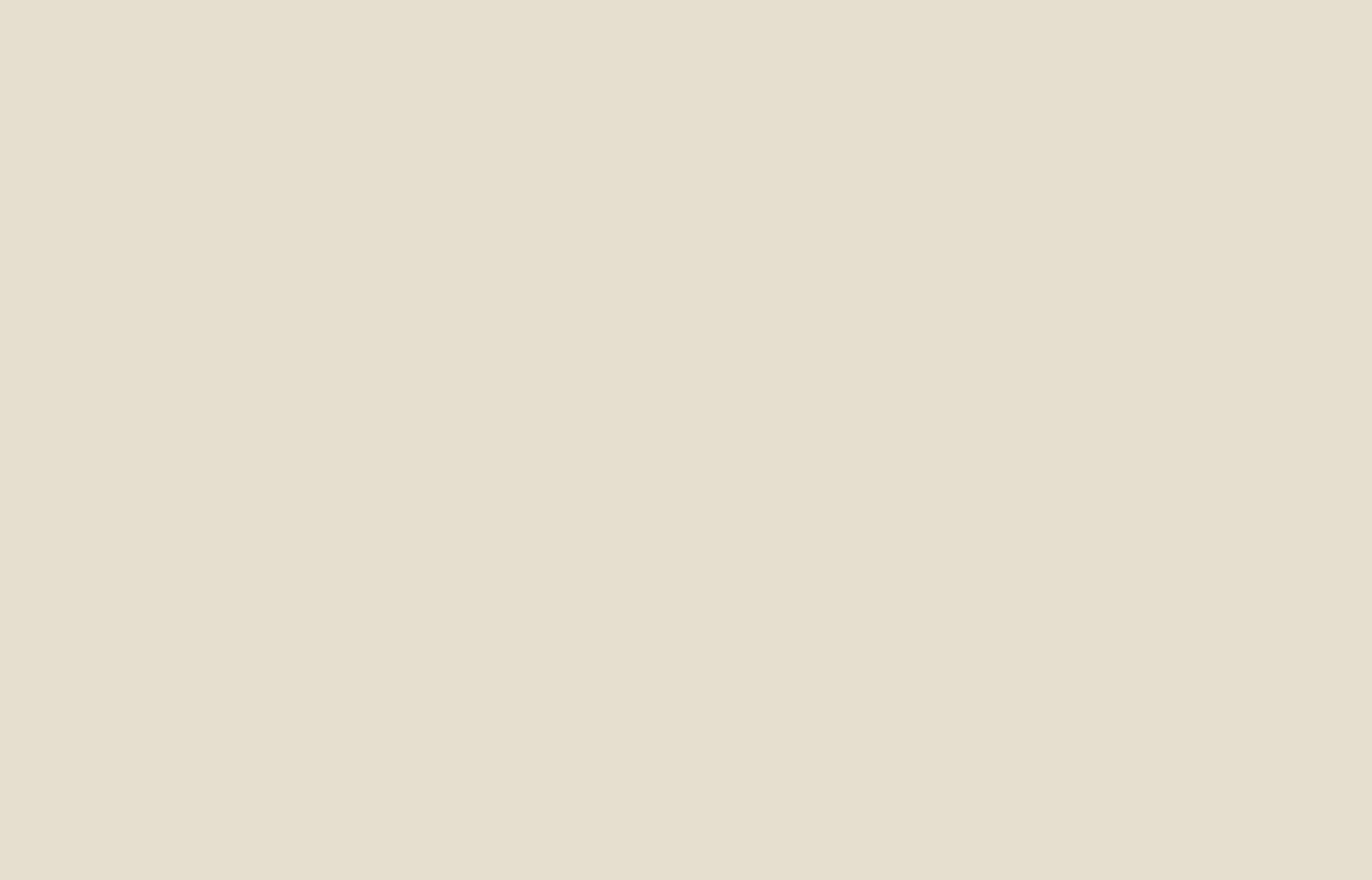
¹Sold by one unit

Diagnostic Catheters

Selective Cerebral Catheters

| 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° |
| Berenstein (BER) | | | | | | | | | | | | | | |
| 65 | | | | | | | 451-413V0 | | 451-513V0 | | | | | |
| 100 | | 532-405 | | | | | 451-413H0 | | 451-513H0 | | | 452-413H0 ¹ | | 452-513H0 ¹ |
| Berenstein II (BER 2) | | | | | | | | | | | | | | |
| 40 | | | | | | | SRD6887 | | 451-515T0 | | | | | |
| 65 | | | | | | | 451-415V0 | | 451-515V0 | | | | | |
| 100 | | | | | | | 451-415H0 | | 451-515H0 | | | | | |
| Bentson-Hanafee-Wilson I (JB1) | | | | | | | | | | | | | | |
| 100 | | 532-436 | | 532-541H0 | | | 451-423H0 | | 451-523H0 | | | | | |
| Bentson-Hanafee-Wilson II (JB2) | | | | | | | | | | | | | | |
| 100 | | 532-437 | | 532-543H0 | | | 451-424H0 | | 451-524H0 | | | | | |
| Bentson-Hanafee-Wilson III (JB3) | | | | | | | | | | | | | | |
| 100 | | 532-438 | | | | | | | 451-525H0 | | | | | |
| Vertebral (VERT) | | | | | | | | | | | | | | |
| 100 | | 532-497 | | 532-549H0 | | | 451-414H0 | | 451-514H0 | | | 452-414H0 ¹ | | 452-514H0 ¹ |

¹ Sold by one unit



Diagnostic Catheters

Calibration Catheters

Flow Rate Chart (ml/s)

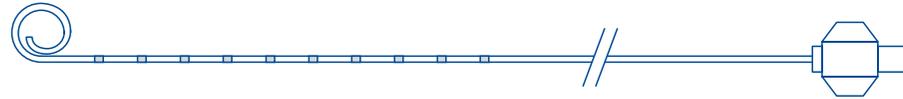
| CALIBRATION CATHETERS | Lengths (cm) | 65 (20 gold) | 70 (2 gold) | 110 (10 gold) | 110 (20 gold) |
|-----------------------------|--------------|--------------|-------------|---------------|---------------|
| SUPERTORQUE™ Markerbands 5F | | 23 | 22 | 18 | 18 |

Diagnostic Catheters

Calibration Catheters

SUPERTORQUE™ MB Diagnostic Catheters

- Sold by 5 units



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

* 2 cm spacing per beginning of each marker

Catheter Sheath Introducers

| | |
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Catheter Sheath Introducers

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

AVANTI™+
Catheter Sheath Introducers



BRITE TIP™
Catheter Sheath Introducers

Catheter Sheath Introducers

General Information

Introduction

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

Features and benefits

Sheath/dilator

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

Guidewire

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

Obturator

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

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

Catheter Sheath Introducers

AVANTI™ + Catheter Sheath Introducers

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



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

* 5F MS = Mid-Size = 5.5F

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

Catheter Sheath Introducers

BRITE TIP™ Catheter Sheath Introducers

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



| 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 |
| 4 | 25 | | | SRAM17661 | | | | | | | |
| 5 | 25 | | 401-535M | 401-545M | | 401-555M | | | | | |
| 6 | 35 | | 401-635M | 401-645M | | 401-655M | SRA0217 | | 401-690M | | |
| 7 | 35 | | 401-735M | 401-745M | | 401-755M | | | 401-790M | | |
| 8 | 35 | | 401-835M | 401-845M | | 401-855M | | | | | |
| 9 | 35 | | 401-935M | | | | | | | | |

Catheter Sheath Introducers

Obturators

- 10 units per package



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

Vessel Dilators

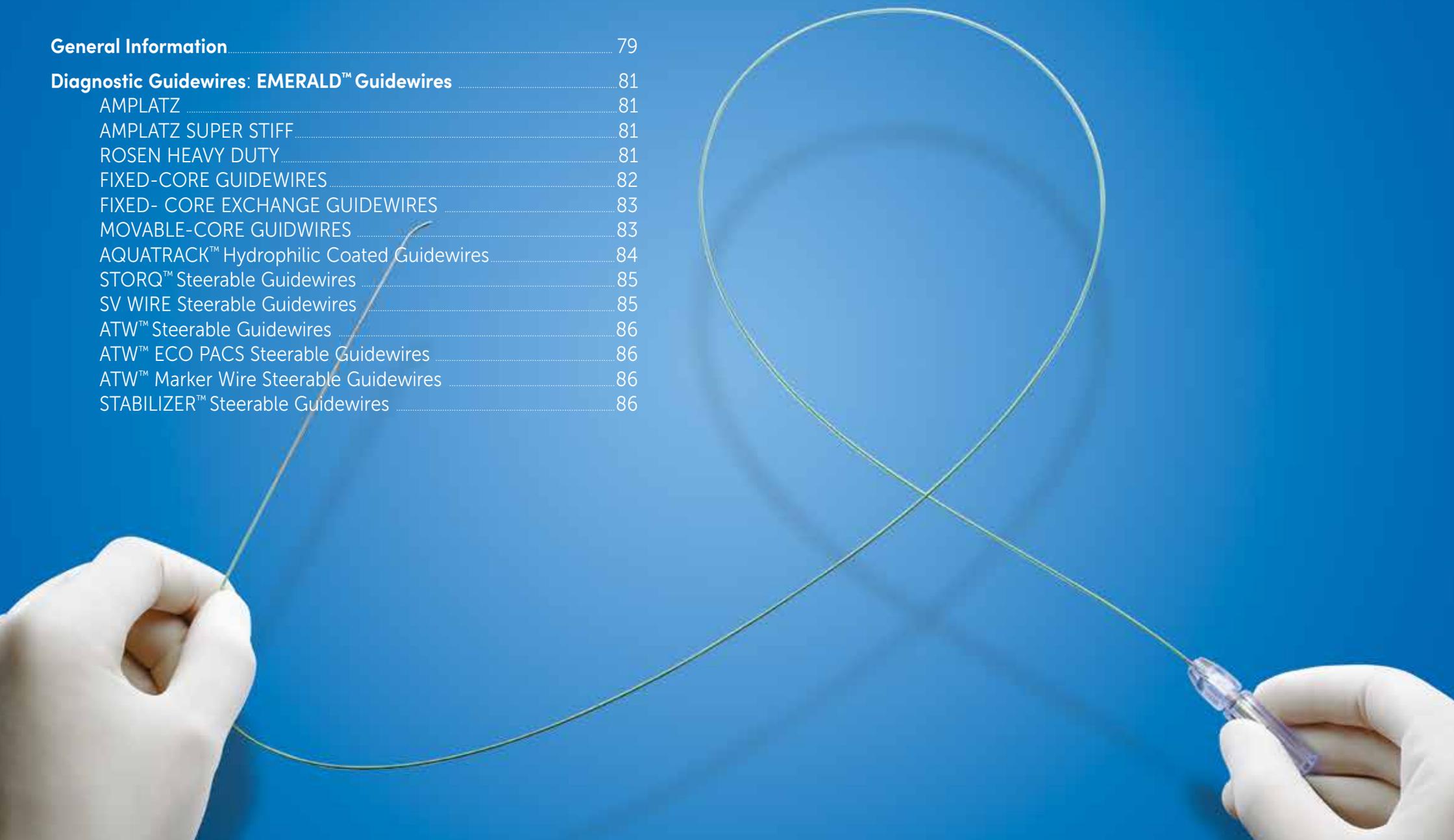
- Facilitate the percutaneous entry of angiographic catheters
- With Luer hubs
- 10 units per package



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

Guidewires

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Guidewires

Diagnostic Guidewires

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

EMERALD™ Guidewire

Guidewires

PTFE pre-coated guidewire :

- Surface finish is uniform
- Lower insertion and withdrawal force

Hydrophilic Coated Guidewire

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

AQUATRACK™ Hydrophilic Coated Guidewire

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

Steerable Guidewires

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

SV Wires

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

ATW™ All Track Wire

ATW™ Marker Wire

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

STABILIZER™ Guidewire

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

STORQ™ Guidewire

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



Guidewires

General Information

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

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

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

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

Amplatz

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



PTFE-Coated Straight Tip

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

PTFE-Coated J-Curve



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

Amplatz Super Stiff

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



PTFE-Coated Straight Tip

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

PTFE-Coated J-Curve



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

Rosen Heavy Duty

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



PTFE-Coated J-Curve

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

Fixed-core Guidewires

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



PTFE-Coated Straight Tip

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

* Newton LT

PTFE-Coated Double-Ended

- 3 cm straight / 7 cm J-curve

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



PTFE-Coated J-Curve

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

* Newton LT

Fixed-core Exchange Guidewires

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



PTFE-Coated Straight Tip

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



PTFE-Coated J-Curve

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

Movable-core Guidewires

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



PTFE-Coated Straight Tip

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



PTFE-Coated J-Curve

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

Guidewires

AQUATRACK™ Hydrophilic Coated Guidewires

AQUATRACK™ Hydrophilic Coated Guidewires

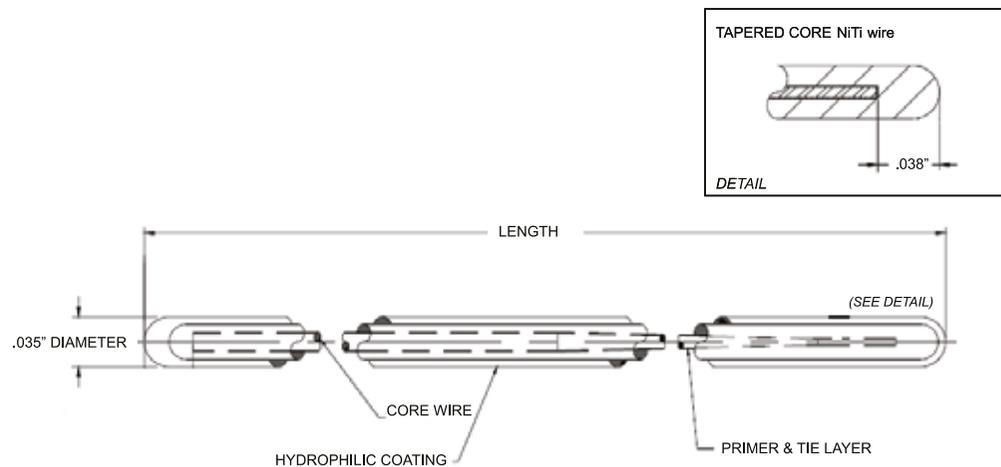
- Guidewire OD: .035"
- Nitinol core wire
- Photolink™ Hydrophilic Coating
- Torque device included with each wire
- 5 units per package

Regular - wire tapers over 8"

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

Stiff - wire tapers over 5"

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



Guidewires

Steerable Guidewires

STORQ™ Steerable Guidewires



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

Super Soft Tip

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

Soft Tip

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

Standard Tip

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

SV WIRE Steerable Guidewires



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

5 cm Distal Taper Configuration

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

8 cm Distal Taper Configuration

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

Guidewires

Steerable Guidewires

ATW™ Steerable Guidewires

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



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

ATW™ Steerable Guidewires ECO PACS

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

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

ATW™ MARKER Steerable Guidewires

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

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

- 5 units per package

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

STABILIZER™ Steerable Guidewires

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



STABILIZER™ SUPPORT Steerable Guidewires

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

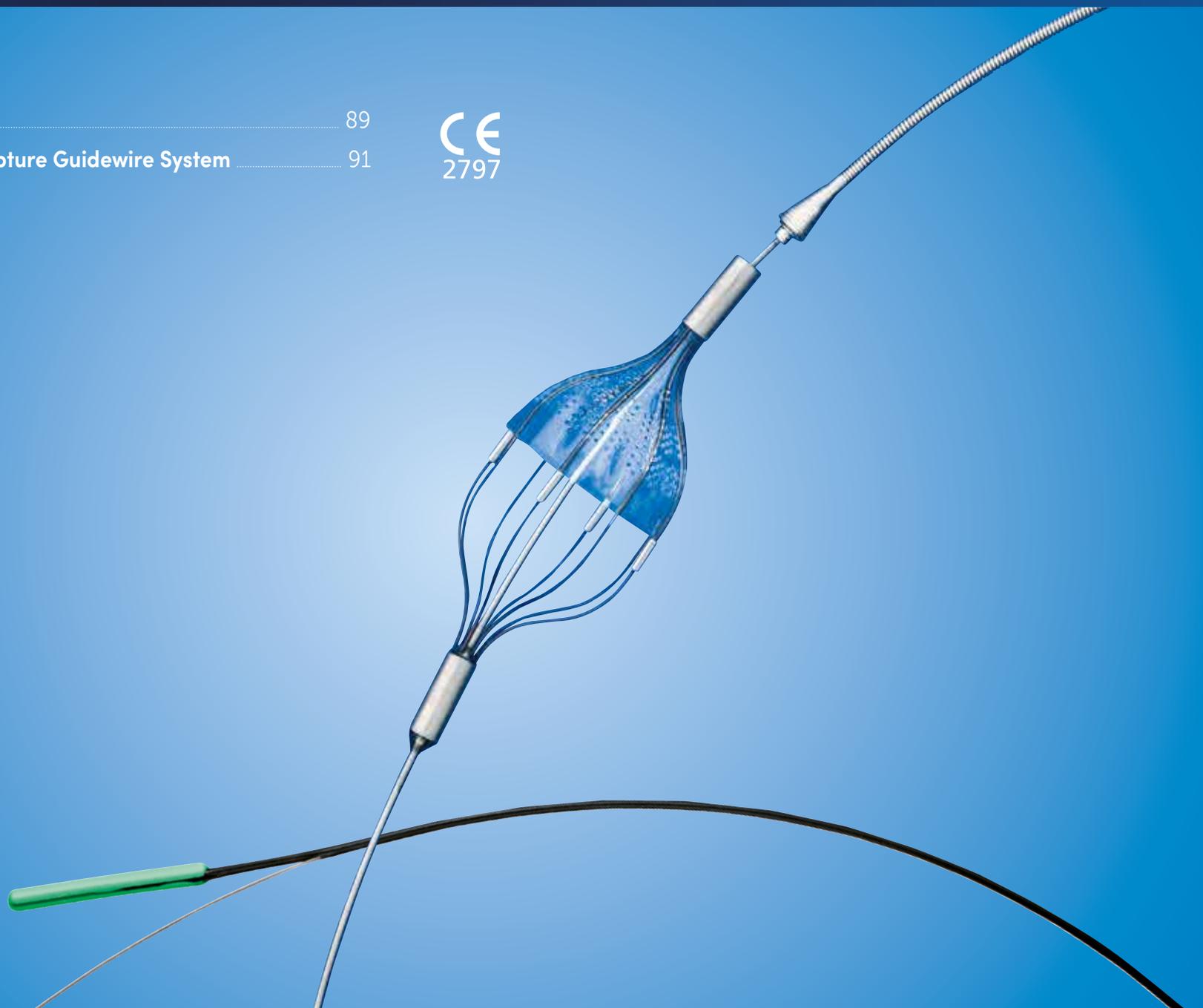
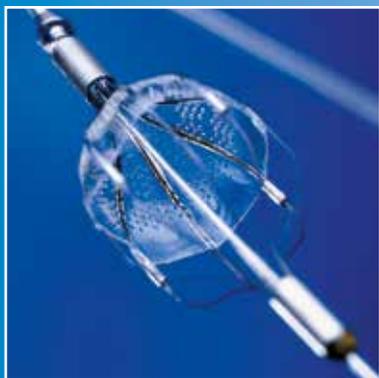
STABILIZER™ EXTRA SUPPORT Steerable Guidewires

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

Emboli Protection Device

| | |
|--|----|
| General Information | 89 |
| ANGIOGUARD™ RX Emboli Capture Guidewire System | 91 |

CE
2797



Emboli Protection Device

ANGIOGUARD™ RX Emboli Capture Guidewire System

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

Ease of use

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

Capture effectiveness

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

Safety

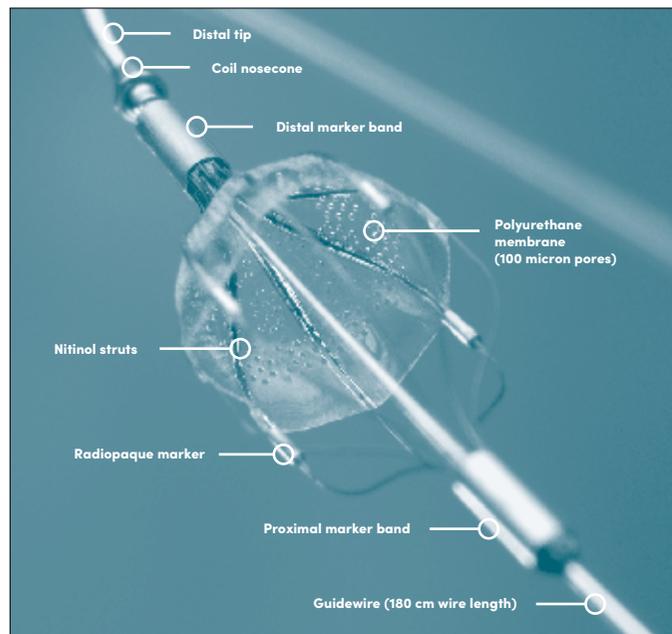
- **Continuous perfusion** throughout the procedure
- **Excellent visualisation** and optimal control
 - 4 radiopaque markers on the basket
 - Proximal and distal marker bands
- **Effective sealing** of the vessel preventing migration of emboli
- **Designed to minimize vessel trauma**
 - Tapered delivery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

Emboli Protection Device

General information

ANGIOGUARD™ RX Emboli Capture Guidewire System

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



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**.

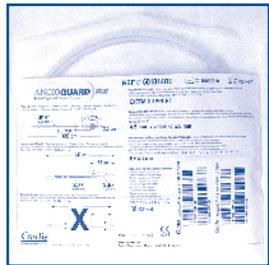
*Prior to use, refer to the "Instructions for Use" supplied with these devices for indications, contraindications, side effects, suggested procedure, warnings, and precautions.

Emboli Protection Device

ANGIOGUARD™ RX Emboli Capture Guidewire System components

1/ Pouch 1

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



Pouch 2

Blue Rapid Exchange capture sheath



2/ Each component is used for the following:

ANGIOGUARD™ RX Emboli Capture Guidewire with filter basket:

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

Black/Yellow deployment sheath:

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

Torque/locking device:

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

Filter basket introducer:

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

Peel Away guidewire introducer:

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

3/ Product Compatibility:

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

Emboli Protection Device

Ordering Information

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



Extra Support

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



Medium Support

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

For availability, please contact your local Sales Representative

Venous Products

| | |
|---|----|
| Retrievable Vena Cava Filter | 95 |
| OPTease™ Retrievable Vena Cava Filter | 96 |



Venous Products

OPTEASE™

Retrievable Vena Cava Filter



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

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

Venous Products

Retrievable Vena Cava Filter

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.

Accessories

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

CE 2797 CE 0543



Accessories

High-Pressure Injector Lines

HP Injector Lines 1200 PSI - Non-braided

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

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

HP Injector Lines 1200 PSI - Braided

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

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

Accessories

High-Pressure Rotating Adaptors

Pressure Monitoring Lines

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

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

Accessories

Extensions / Connectors / Inflation Systems

Valves & Haemostatic Y-Connectors

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

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

Inflation Systems

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

Accessories

Control Syringes

Control Syringes

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



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

Accessories

Angiographic Needles

One-Piece Needles

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



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

Two-Piece Needles

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



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

250 PSI Manifolds

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

FOR HEALTHCARE PROFESSIONALS ONLY

IMPORTANT INFORMATION:

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

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