

PRODUCT CATALOGUE

Providing the best skill and support within
the Healthcare Industry

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Sheaths.



ORDERING INFORMATION

Radial Sheaths

CATALOGUE NO.	FR.	LENGTH
97050112	5	11cm
970600711	6	7cm
97060112	6	11cm
97060113	6.5	11cm
9790600711	6.5	11cm
970700711	7	7cm
97070111	7	11cm

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 4 Mayfair Court, 7 Roslyn Road, Rondebosch, 7700, Western Cape, South Africa
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BRAIDIN™ INTRODUCER SHEATH

Braidin™ Hemostasis Introducer with braided metal mesh structure is designed to provide the thin wall and large lumen, while maintaining the excellent kink resistance, to help you win the first step in transradial procedures.





ORDERING INFORMATION

CATALOGUE NO.	FR.	LENGTH
98040111	4	11cm
98050112	5	11cm
97050112	5	11cm
98060112	6	11cm
98070111	7	11cm
98080110	8	11cm
98090110	9	11cm
98100110	10	11cm
98110110	11	11cm
98120110	12	11cm
98140110	14	11cm

CATALOGUE NO.	FR.	LENGTH
98040151	4	15cm
98050152	5	15cm
98060152	6	15cm
98070151	7	15cm
98080150	8	15cm
98120150	12	15cm
98140150	14	15cm

CATALOGUE NO.	FR.	LENGTH
98060252	6	25cm
98070251	7	25cm
98080250	8	25cm
98090250	9	25cm
98120250	12	25cm
98140250	14	25cm

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FEATURES

Metal Mesh Braided Structure for Optimal Kink Resistance

- Braided shaft to provide excellent kink resistance and very small outer diameter

Thinner Wall and Smaller Outer Diameter Design

- The thin wall design reduces the outer diameter of the sheath and minimizes patients' discomfort and pain

Making CTO Approachable via Radial and Distal Radial Artery

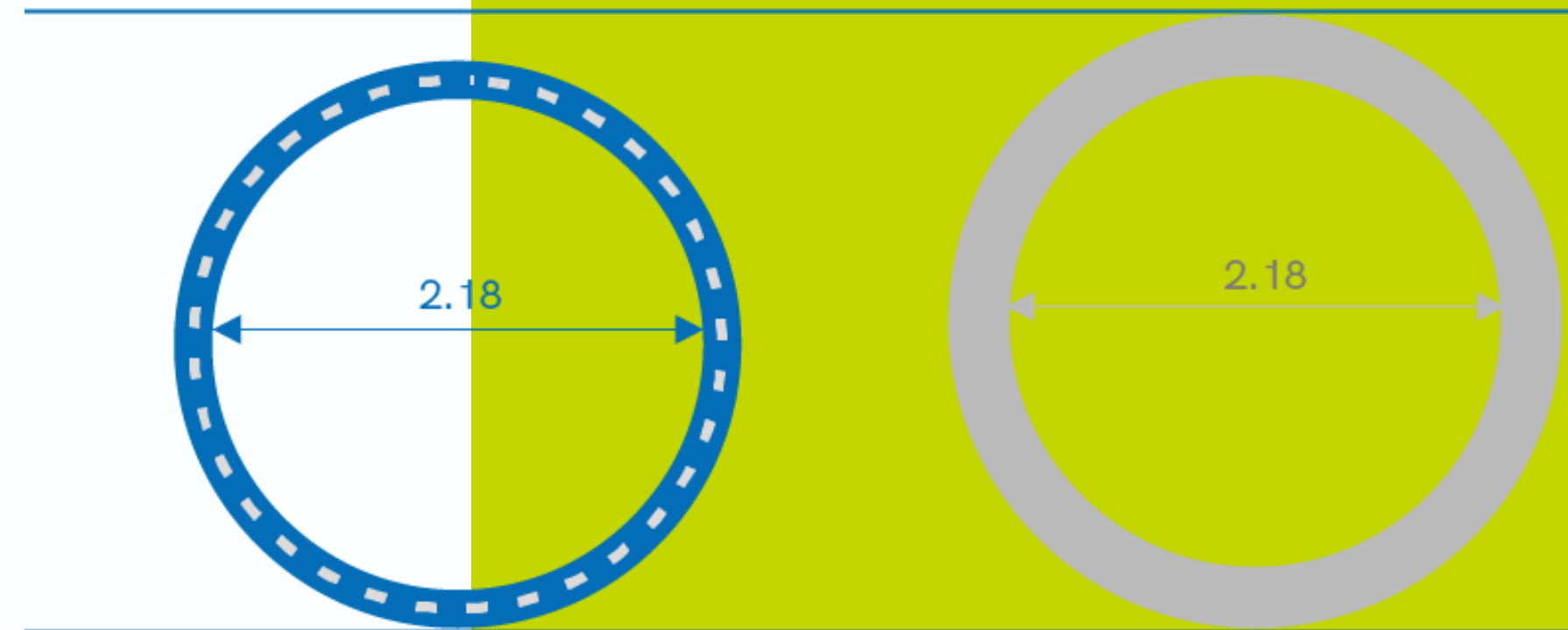
- Facilitates hemostasis and allows for free movement of hand
- Significantly reduced complication rates compared to Transfemoral approach

Smooth and Easy Insertion

- Smooth tapered transition reduces puncture resistance and the incidence of complications
- Distal hydrophilic coating to enhance the smoothness

Full Range of Sizes and Specifications

- Over eighty eight sizes from 4F-24; Sheath length variable from 7cm to 25cm



APT 6F

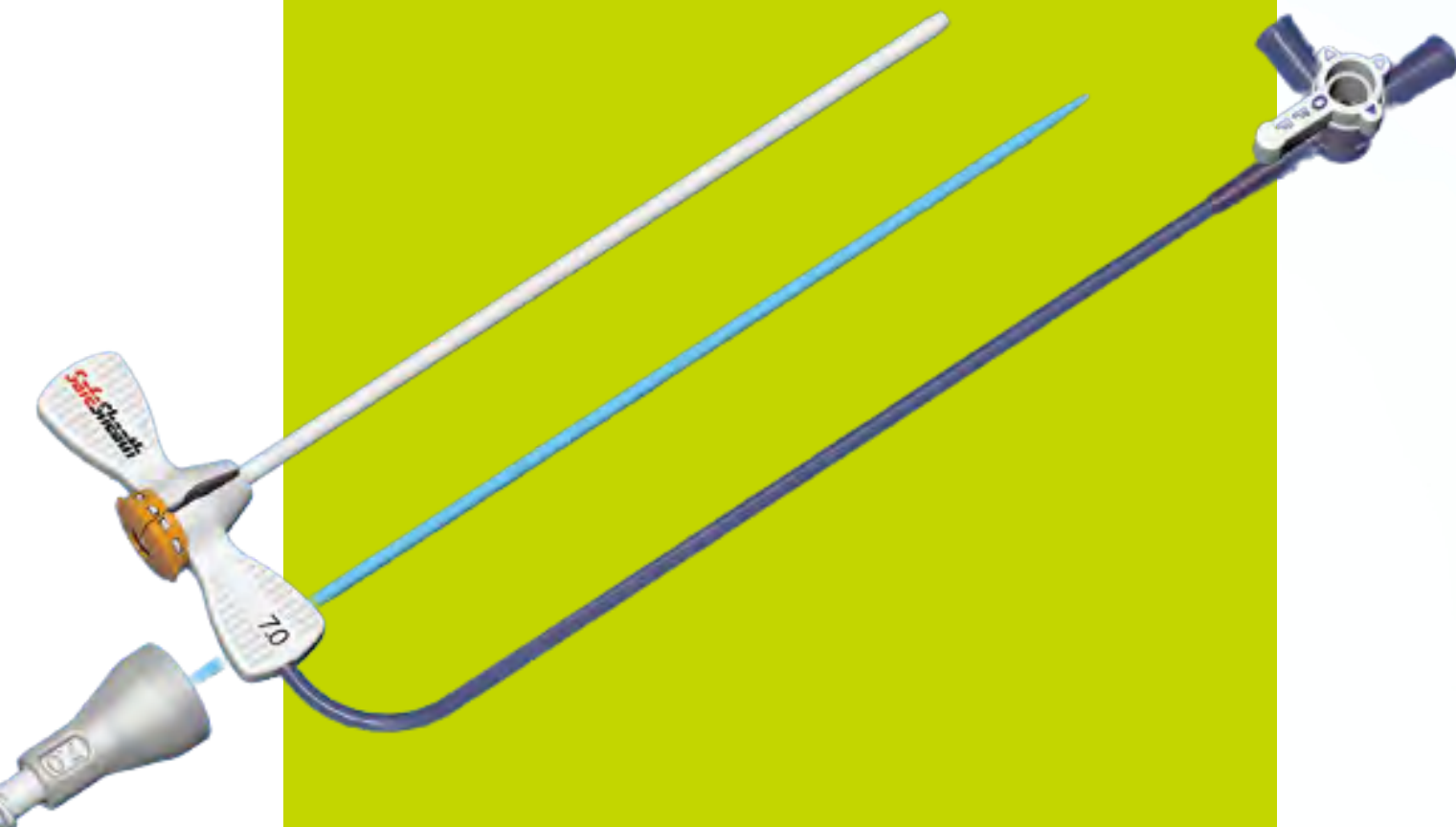
Conventional 6F

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SAFESHEATH II STANDARD AND LONG Hemostatic Peel-away Introducer system for Vascular Access

With low insertion/withdrawal force lubricated valve, ergonomically-designed, easy-splitting hub, extruded score line sheath, infusion side port and snap-fit dilator



Each Safesheath II Introducer System Kit includes:

- One tear-away sheath w/side port
- One dilator
- One 18g needle
- One 10cc syringe
- One guidewire (Standard - 50cm / Long - 60cm)
- Five (5) kits per box



ORDERING INFORMATION

CATALOGUE NO.	FR.	LENGTH
SS6	6	13cm
SS7	7	13cm
SS8	8	13cm
SS85	8.5	13cm
SS9	9	13cm
SS95	9.5	13cm
SS10	10	13cm
SS105	10.5	13cm
SS11	11	13cm
SS12	12	13cm
SS125	12.5	13cm

CATALOGUE NO.	FR.	LENGTH
SSL6	6	23cm
SSL7	7	23cm
SSL8	8	23cm
SSL9	9	23cm
SSL10	10	23cm
SSL105	10.5	23cm
SSL11	11	23cm

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SAFESHEATH II STANDARD AND LONG

FEATURES



- Standard 13cm length and 23cm Long model for access beyond the right subclavian-SVC junction
- Extruded score line peel-away sheath for clean, even peel
- Longer, smoother sheath tip to dilator transition for ease during sheath insertion
- Lubricated hemostatic valve with low insertion and withdrawal forces yields greater control during lead manipulation, reducing risk of blood loss and air embolism
- Convenient sideport for infusion and contrast injection
- Wide range of French sizes
- French size printed on handle and indicated by color-coded introducer cap
- Elastomer snap-locking dilator connector with French size embossed on handle
- Ergonomic, easy-splitting break-away hub

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ORDERING INFORMATION

CATALOGUE NO.	FR.	LENGTH
950604511	6	45cm
950704511	7	45cm
950804511	8	45cm
890605000	6	50cm
890705000	6	50cm
890805000	8	50cm
890905000	9	50cm
891005000	10	50cm
891205000	12	50cm
890709000	7	90cm
950809020	8	90cm
891009000	10	90cm
891209000	12	90cm

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BRAIDIN™ L HEMOSTASIS INTRODUCER

Braidin™ L guiding sheath inherits the premium quality of a hemostasis introducer, features braided structure and marked tip to provide superior torqueability and back-up support, it is widely used in peripheral intervention and venous procedures.



FEATURES

Braided Structure

- Facilitates excellent support, torqueability and superior kink resistance
- Provides thin wall and small outer diameter to minimize blood vessel stress and access site complications

Smooth Transition between Sheath and Dilator

- For smooth advancement and easier insertion

Atraumatic tip

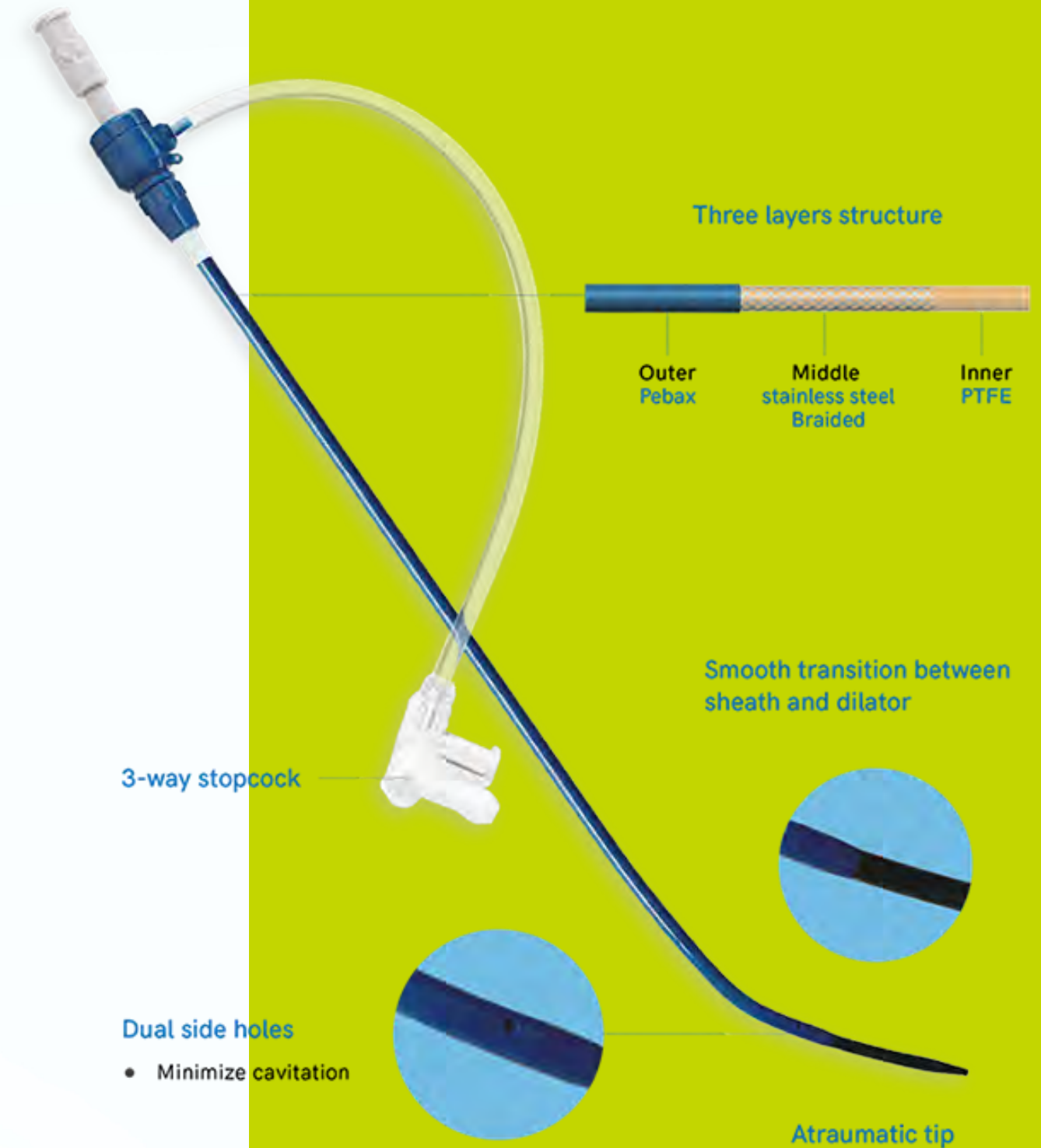
- Rounded dilator tip to avoid vessel damage

Multiple curves available for different clinical requirements

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BRAIDIN™ L HEMOSTASIS INTRODUCER





Guidewires.



ORDERING INFORMATION

CATALOGUE NO.	SIZE	LENGTH	STD/STIFF
10A13508	0.035	80cm	Standard
10A13512	0.035	120cm	Standard
10A12515	0.025	150cm	Standard
10A13215	0.032	150cm	Standard
10A13515	0.035	150cm	Standard
10S23515	0.035	150cm	Stiff
10S13515	0.035	150cm	Standard
10A23515	0.035	150cm	Stiff
10J1351515	0.035 J	150cm	Standard
10J1351530	0.035 J	150cm	Standard
10A13815	0.038	150cm	Standard

CATALOGUE NO.	SIZE	LENGTH	STD/STIFF
10A13218	0.032	180cm	Standard
10A13518	0.035	180cm	Standard
10A23518	0.035	180cm	Stiff
10S23518	0.035	180cm	Stiff
10S13518	0.035	180cm	Standard
10J1351815	0.035J	180cm	Standard
10A13818	0.038	180cm	Standard
10A13226	0.032	260cm	Standard
10A13526	0.035	260cm	Standard
10A23526	0.035	260cm	Stiff
10S13526	0.035	260cm	Standard
10J1352630	0.035 J	260cm	Standard

BLACKHEEL™ HYDROPHILIC GUIDEWIRE

Blackeel™ Nitinol hydrophilic guidewire with soft and atraumatic tip and Tungsten blended polymer to provide superior elasticity, kink resistance, torque control and high visibility. Durable hydrophilic coating of the wire ensures lubricity to pass through the tortuous vessels.



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FEATURES

Excellent torque control

- Elastic material and integrated design allows 1:1 torque response to deliver the guidewire into the target vessel quickly.

Enhanced visibility

- Tungsten blended polymer ensures enhanced visibility under X-ray and enables accurate positioning.

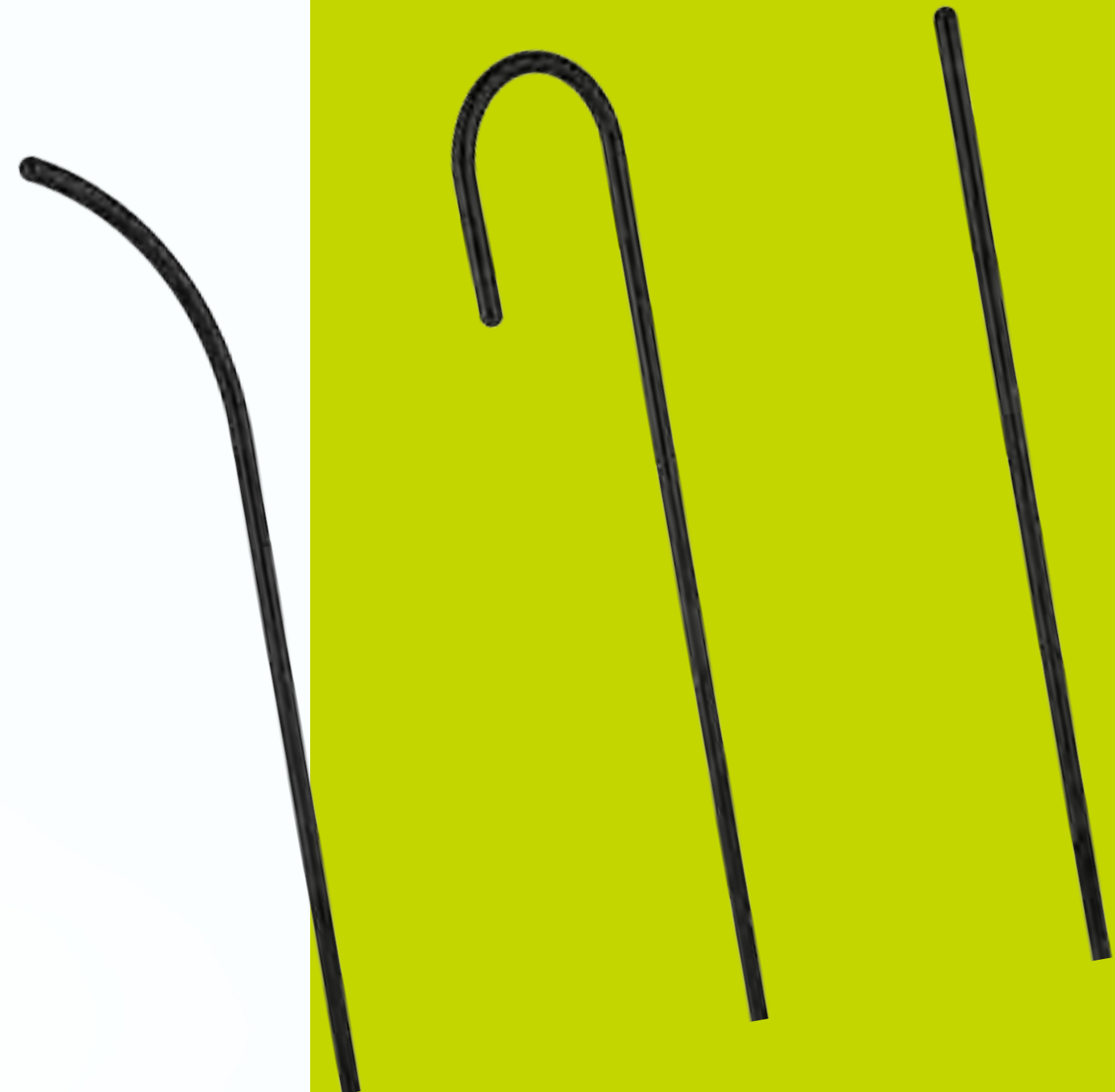
Durable and lubricious performance

- Patented hydrophilic coating ensures a durable and smooth approach, even in tortuous vessels.

Soft and Atraumatic Tip

- Tapered design ensures a soft and atraumatic tip to cross tortuous anatomy.

BLACKKEEL™ HYDROPHILIC GUIDEWIRE



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ACCOAT NOODLE GUIDEWIRE

The Accoat Guide Wire is made from a stainless steel core and can be supplied with or without a PTFE coat. It is available with a 4.5cm flexible straight or J-tip. The J-tip radius is available in 1.5, 3, 6 or 15mm size. There are varying degrees of shaft stiffness available and wire lengths vary from 30-450cm. The broad range of options have been provided to offer an intelligent clinical solution for a wide range of procedural eventualities.



ORDERING INFORMATION

CATALOGUE NO.	SIZE	LENGTH	STD/STIFF
H-X-X-J6-C-035-300	0.035	300cm	Super Stiff

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ACCOAT NOODLE GUIDEWIRE

FEATURES

- Stainless steel provides excellent radiopacity for clear visualisation under x-ray
- PTFE coating designed to minimise friction and aid tracking
- Standard, Stiff, Extra stiff and Super stiff options provide a broad platform choice for operator
- A 4.5cm flexible J-tip is provided with a radius of 1.5, 3, 6, or 15mm. A 4.5cm flexible straight tip option is also available



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BLACKHEEL™ HYDROPHILIC GUIDEWIRE

Blackeel™ Nitinol hydrophilic guidewire with soft and atraumatic tip and Tungsten blended polymer to provide superior elasticity, kink resistance, torque control and high visibility. Durable hydrophilic coating of the wire ensures lubricity to pass through the tortuous vessels.



ORDERING INFORMATION

WORKHORSE GUIDEWIRES FOR PERIPHERAL INTERVENTIONAL 0.018"

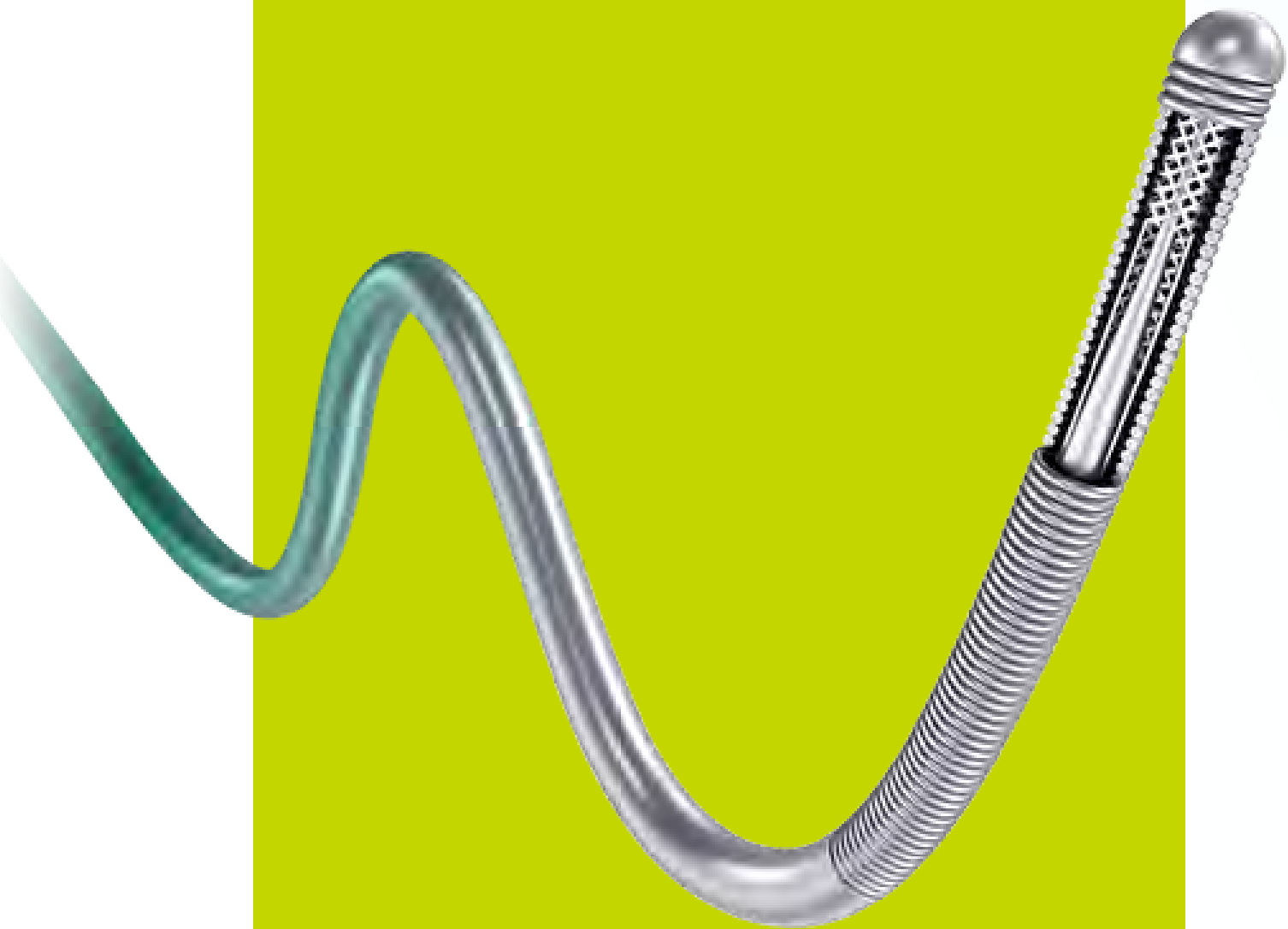
CATALOGUE NO.	SIZE	LENGTH	STD/STIFF
10S11815	0.018-S	150cm	Standard
10A11815	0.018-A	150cm	Standard
10A11818	0.018-A	180cm	Standard
10A11826	0.018-A	260cm	Standard

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ANYREACH-C™ AND ANYREACHP™ GUIDEWIRE

HLC-Medical provides a series of Anyreach workhorse guidewire which feature a Dual-Core and Core-to-Tip design to give you superior torque control and safety, making you more confident in your clinical practice



ORDERING INFORMATION

CATALOGUE NO.	SIZE	LENGTH
40S018C06	180cm	Moderate-Extra Floppy-1.0g
40S019A06	190cm	Soft-Extra Floppy-0.3g
40S019B06	190cm	Light-Extra Floppy-0.6g
40S019C06	190cm	Moderate-Extra Floppy-1.0g
40S030C06	300cm	Moderate-Extra Floppy-1.0g

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ANYREACH-C™ AND ANYREACH-P™ GUIDEWIRE



FEATURES

Core-to-Tip and Dual-Core Tip Design

- Flatten core-to-tip to enhance the tactile feedback and pushability - Offers superior torque control, safety and shape retention

Support Shaft: Stainless Steel

- Proximal stainless steel core with PTFE coating provides excellent pushability and rail support

Anyreach-C™ series: C for Coil: the metal coil gives you real tactile feedback

- Metal coil, safe net and Nitinol core combination introduces a unique Dual-core structure, maximize the torqueability and safety, different tip loads available to make it an optimized choice for your everyday practice.
- Tip load: 0.3/0.6/1.0g

Anyreach-P™ series: P for Polymer: the smooth feel you wish for

- Polymer sleeve on the distal covered with hydrophilic coating for enhanced lubricity to provide excellent trackability and crossability in tortuous vessels.
- Tip Load: 0.6g/1.0g

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Catheters.

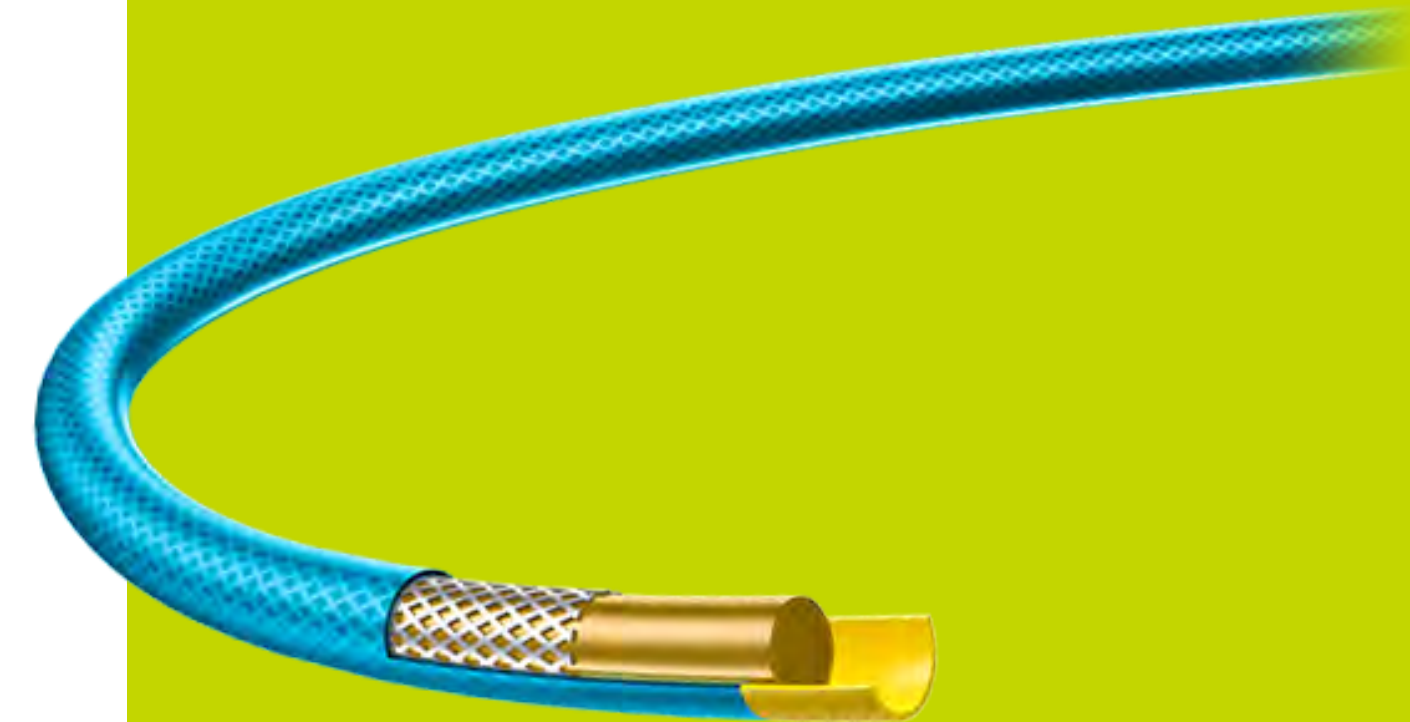
ORDERING INFORMATION

DIAGNOSTIC CATHETERS 5FR.

CATALOGUE NO.	FR.	LENGTH	CURVE	CATALOGUE NO.	FR.	LENGTH	CURVE
11510001	5	100cm	JR3.5	11510022	5	100cm	AR I MOD
11510004	5	100cm	JR5	11510023	5	100cm	AR II MOD
11510005	5	100cm	JL3.5	11510024	5	100cm	AL I
11510006	5	100cm	JL4	11510025	5	100cm	AL II
11510008	5	100cm	JL4.5	11510026	5	100cm	AL III
11510009	5	100cm	JL5	11510027	5	100cm	3DRC
11510010	5	100cm	TIG	11511012	5	110cm	PIG-6SH
11510019	5	100cm	MPA	11511014	5	110cm	PIG-8SH
11510020	5	100cm	MPA2-2SH	11511015	5	110cm	PIG145°-6SH
11510021	5	100cm	AR MOD	11511011	5	110cm	TIG-1SH

Hydrophilic Angiographic Catheters

Angiopointer™ Hydrophilic Angiographic Catheter is designed for Coronary and Peripheral Angiography with excellent torqueability, lubricous performance and braided design for large inner lumen and high flow rate, multiple curve shapes for various procedures and anatomical structure, to fit your daily practice.



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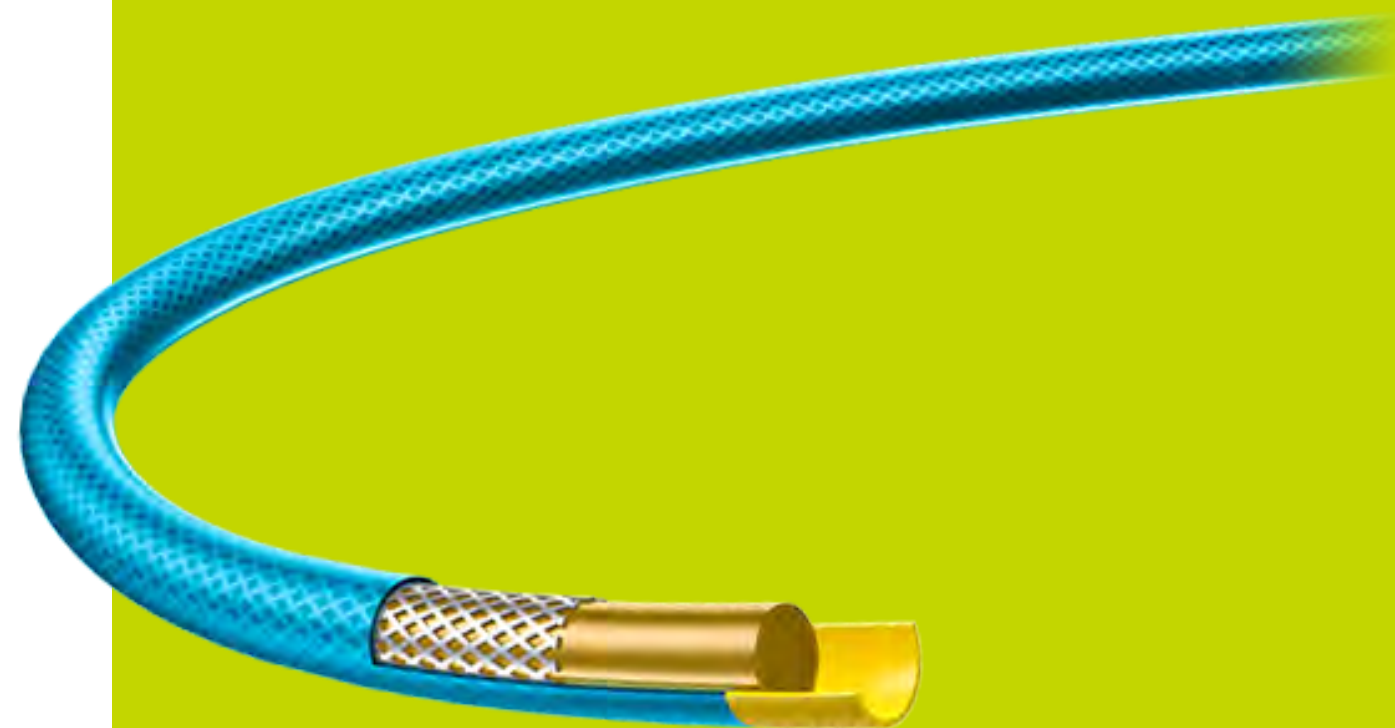
ORDERING INFORMATION

DIAGNOSTIC CATHETERS 6FR.

CATALOGUE NO.	FR.	LENGTH	CURVE	CATALOGUE NO.	FR.	LENGTH	CURVE
11610001	6	100cm	JR3.5	11610022	6	100cm	AR I MOD
11610002	6	100cm	JR4	11610023	6	100cm	AR II MOD
11610005	6	100cm	JL3.5	11610024	6	100cm	AL I
11610006	6	100cm	JL4	11610025	6	100cm	AL II
11610008	6	100cm	JL4.5	11610026	6	100cm	AL III
11610009	6	100cm	JL5	11510002	6	100cm	JR4
11610010	6	100cm	TIG	11611012	6	110cm	PIG-6SH
11610019	6	100cm	MPA	11611015	6	110cm	PIG145°-6SH
11610020	6	100cm	MPA2-2SH	11611014	6	110cm	PIG-8SH
11610021	6	100cm	AR MOD				

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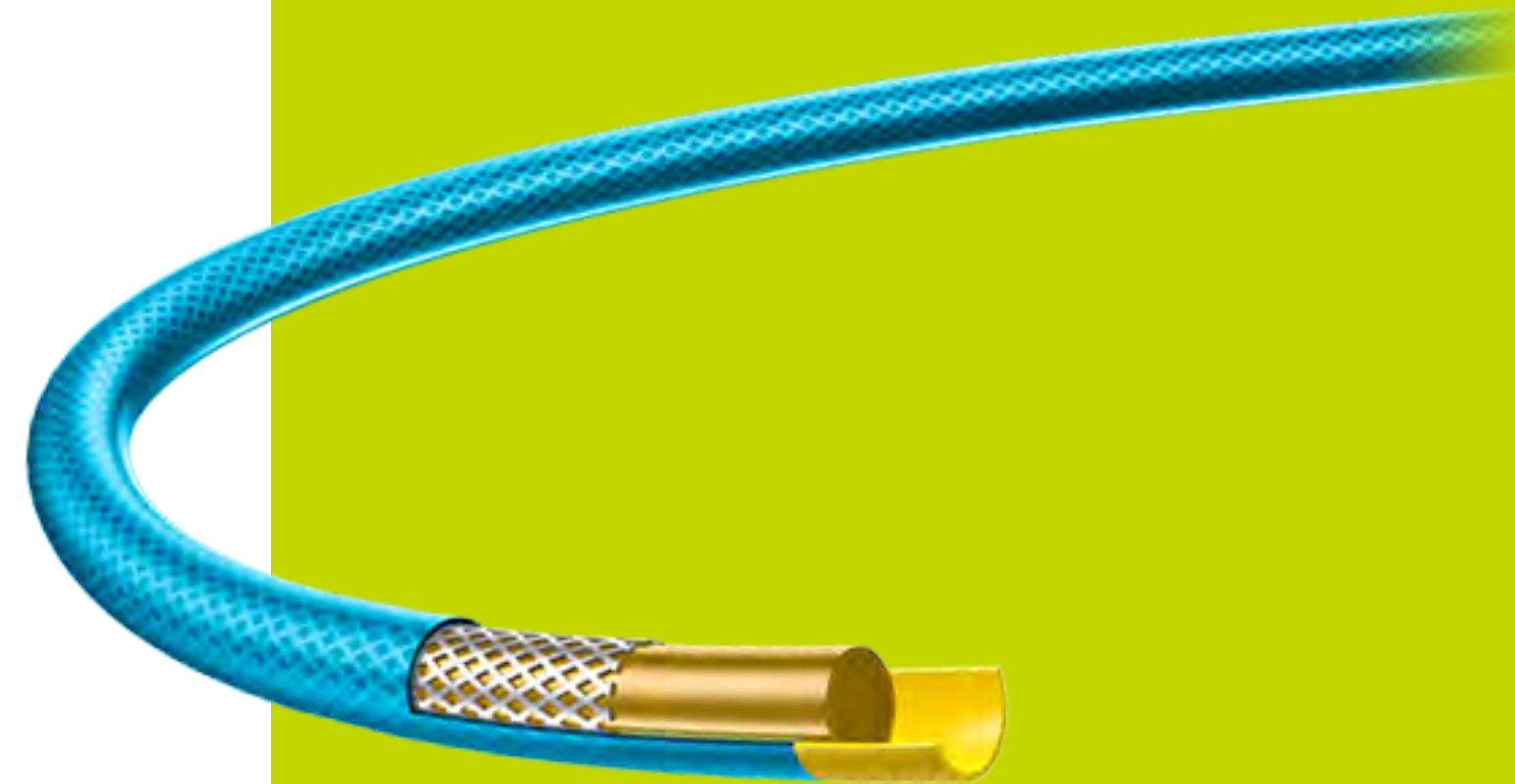
ORDERING INFORMATION

DIAGNOSTIC CATHETERS RADIAL

CATALOGUE NO.	FR.	LENGTH	CURVE
11510010	5	100cm	TIG
11510019	5	100cm	MPA
11510020	5	100cm	MPA2-2SH
11510027	5	100cm	3DRC
11511011	5	110cm	TIG-1SH
11610010	6	100cm	TIG
11610011	6	100cm	MPA

Hydrophilic Angiographic Catheters

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FEATURES

Metal Mesh Braided Structure

- Offers superior torque control and kink resistance
- Provides large lumen for higher flow rate

Hydrophilic Coating

- Durable and lubricious performance for smooth advancement and reduced vessel trauma
- For easier super-selective angiography
- Keep the catheter advancement smooth and contrast media injection stable: distal part and proximal part are uncoated

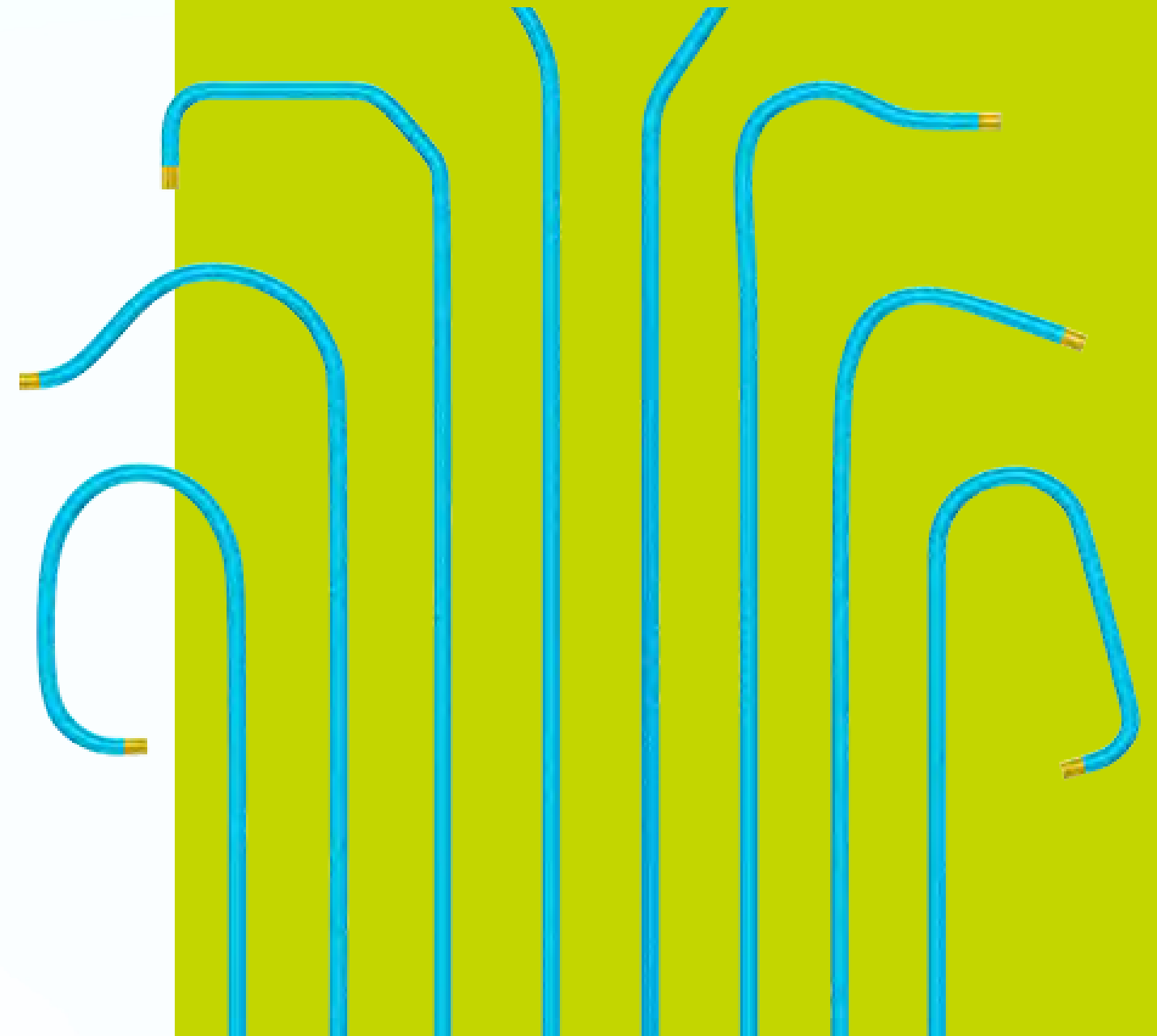
Soft and Atraumatic Tip

- Round and soft tip reduces the irritation on the vessel wall
- Ensures good visualization under fluoroscopy

Gradually Increase Softness of the Shaft

- Maximize flexibility and compliance in vessel
- Ensures good pushability and steerability

HYDROPHILIC ANGIOGRAPHIC CATHETERS



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MARCH™ CORONARY GUIDING CATHETERS

March™ guiding catheters combine superior torqueability and back-up support due to braided structure and polymer material. Together with soft tip and large lumen design to give you more space for your procedures.



ORDERING INFORMATION

GUIDING CATHETERS 5FR.

CATALOGUE NO.	FR.	LENGTH	CURVE
53510056	5	100cm	AL1
53510060	5	100cm	AL2
53510064	5	100cm	AL3
53510072	5	100cm	AR1
53510076	5	100cm	AR2
53510016	5	100cm	JL3
53510020	5	100cm	JL3.5
53510024	5	100cm	JL4
53510022	5	100cm	JL4-2SH
53510028	5	100cm	JL4.5

CATALOGUE NO.	FR.	LENGTH	CURVE
53510032	5	100cm	JL5
53510036	5	100cm	JR3
53510040	5	100cm	JR3.5
53510044	5	100cm	JR4
53510048	5	100cm	JR4.5
53510052	5	100cm	JR5
53510008	5	100cm	XB3.5
53510004	5	100cm	XB3.5
53510006	5	100cm	XB3.5-2SH
53510012	5	100cm	XB4

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ORDERING INFORMATION

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CATALOGUE NO.	FR.	LENGTH	CURVE
53610012	6	100cm	AL1
53610064	6	100cm	AL1-2SH
53610013	6	100cm	AL2
53610014	6	100cm	AL3
53610016	6	100cm	AR1
53610076	6	100cm	AR1-2SH
53610079	6	100cm	AR2-2SH
53610017	6	100cm	AR2-2SH
53610022	6	100cm	JL3
53610004	6	100cm	JL3.5
53610037	6	100cm	JL3.5-2SH
53610005	6	100cm	JL4.0
53610040	6	100cm	JL4.0-2SH
53610006	6	100cm	JL4.5

CATALOGUE NO.	FR.	LENGTH	CURVE
53610007	6	100cm	JL5
53610023	6	100cm	JR3
53610008	6	100cm	JR3.5
53610052	6	100cm	JR3.5-2SH
53610009	6	100cm	JR4.0
53610055	6	100cm	JR4.0-2SH
53610010	6	100cm	JR4.5
53610019	6	100cm	MPA
53610002	6	100cm	XB3.5
53610001	6	100cm	XB3.5
53610028	6	100cm	XB3.5-2SH
53610003	6	100cm	XB4.0
53610031	6	100cm	XB4.0-2SH

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MARCH™ CORONARY GUIDING CATHETERS

March™ guiding catheters combine superior torqueability and back-up support due to braided structure and polymer material. Together with soft tip and large lumen design to give you more space for your procedures.



ORDERING INFORMATION

GUIDING CATHETERS 6.5FR. AND 7FR.

CATALOGUE NO.	FR.	LENGTH	CURVE
53210040	6.5	100cm	JR3.5
53210044	6.5	100cm	JR4.0
53710020	7	100cm	JL3.5
53710024	7	100cm	JL4
53710040	7	100cm	JR3.5
53710044	7	100cm	JR4.0
53710004	7	100cm	XB3
53710008	7	100cm	XB3.5

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MARCH™ GUIDING CATHETERS

FEATURES

Optimal Back-up Support

- Polymer material with braided design provides excellent kink resistance, back-up support and torque response

Soft and Atraumatic Tip

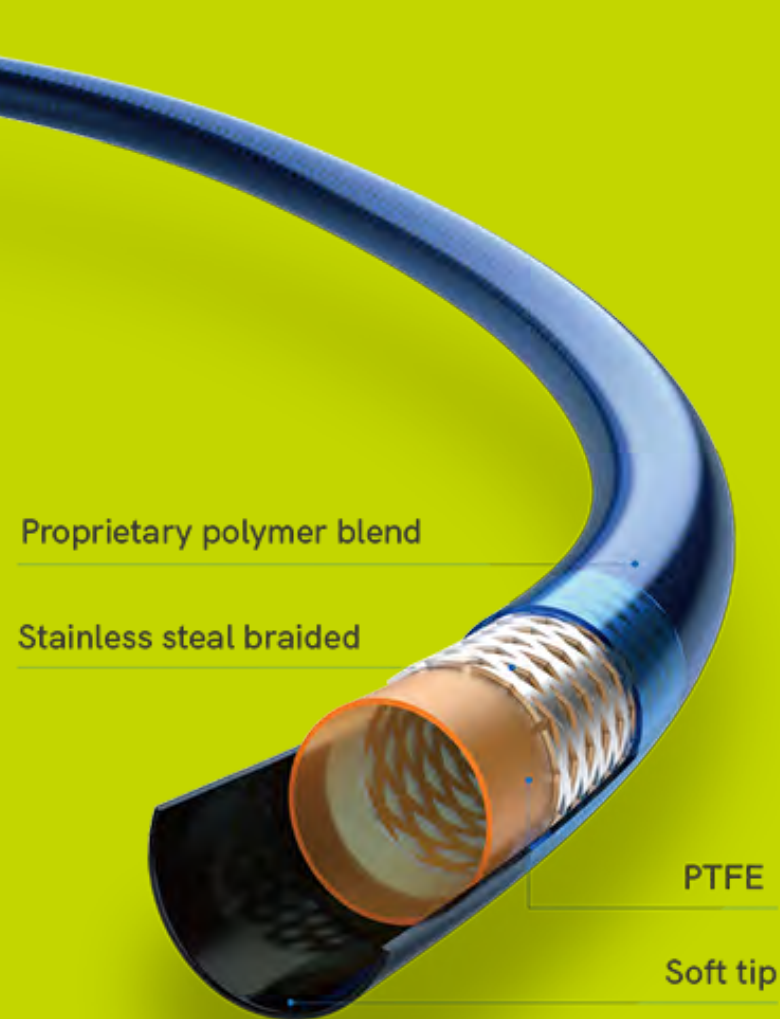
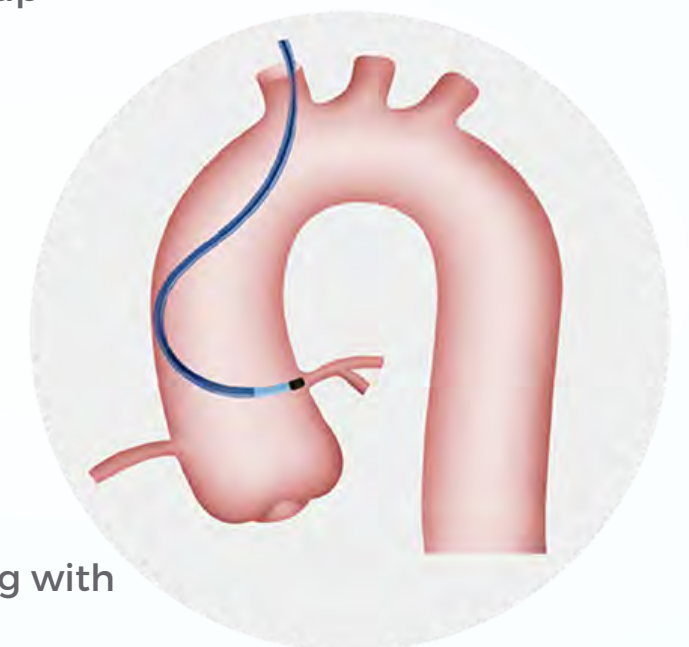
- Decreased layers of the tip to make sure of softness and safety

Large Lumen Design

- Flat wire braided structure for a bigger lumen
- Provides smooth and compatible pathway for multiple devices.

Multi-Segment Design

- Stiff segment ensures good torquability to facilitate quicker catheter positioning with less whipping
- Co-Axial segments provide easier entrance of devices into the coronary artery



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ORDERING INFORMATION

TIP CURVE	LENGTH (CM)	MARKER	1.8F	2.0F	2.2F	2.5F	2.7F
45°	150	1	36185014500	36205014500	36225014500	36255014500	36275014500
70°			36185017000	36205017000	36225017000	36255017000	36275017000
J			3618501JC00	3620501JC00	3622501JC00	3625501JC00	3627501JC00
SWAN NECK			3618501SN00	3620501SN00	3622501SN00	3625501SN00	3627501SN00
COBRA			3618501CB00	3620501CB00	3622501CB00	3625501CB00	3627501CB00
STRAIGHT			3618502ST00	3620502ST00	3622502ST00	3625502ST00	3627502ST00
STRAIGHT*	150	1	3618501ST01	3620501ST01	3622501ST01	3625501ST01	3627501ST01
45°	150	2	36185024500	36205024500	36225024500	36255024500	36275024500
70°			36185027000	36205027000	36225027000	36255027000	36275027000
J			3618502JC00	3620502JC00	3622502JC00	3625502JC00	3627502JC00
SWAN NECK			3618502SN00	3620502SN00	3622502SN00	3625502SN00	3627502SN00
COBRA			3618502CB00	3620502CB00	3622502CB00	3625502CB00	3627502CB00
STRAIGHT			3618501ST00	3620501ST00	3622501ST00	3625501ST00	3627501ST00
STRAIGHT*	150	2	3618502ST01	3620502ST01	3622502ST01	3625502ST01	3627502ST01

"Straight*" refers to the straight curve models that are equipped with Micro Guidewire
All sizes equipped with: shaping needle, guidewire introducer, torque device and syringe"

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DISTAIL™ MICROCATHETER

Tips:

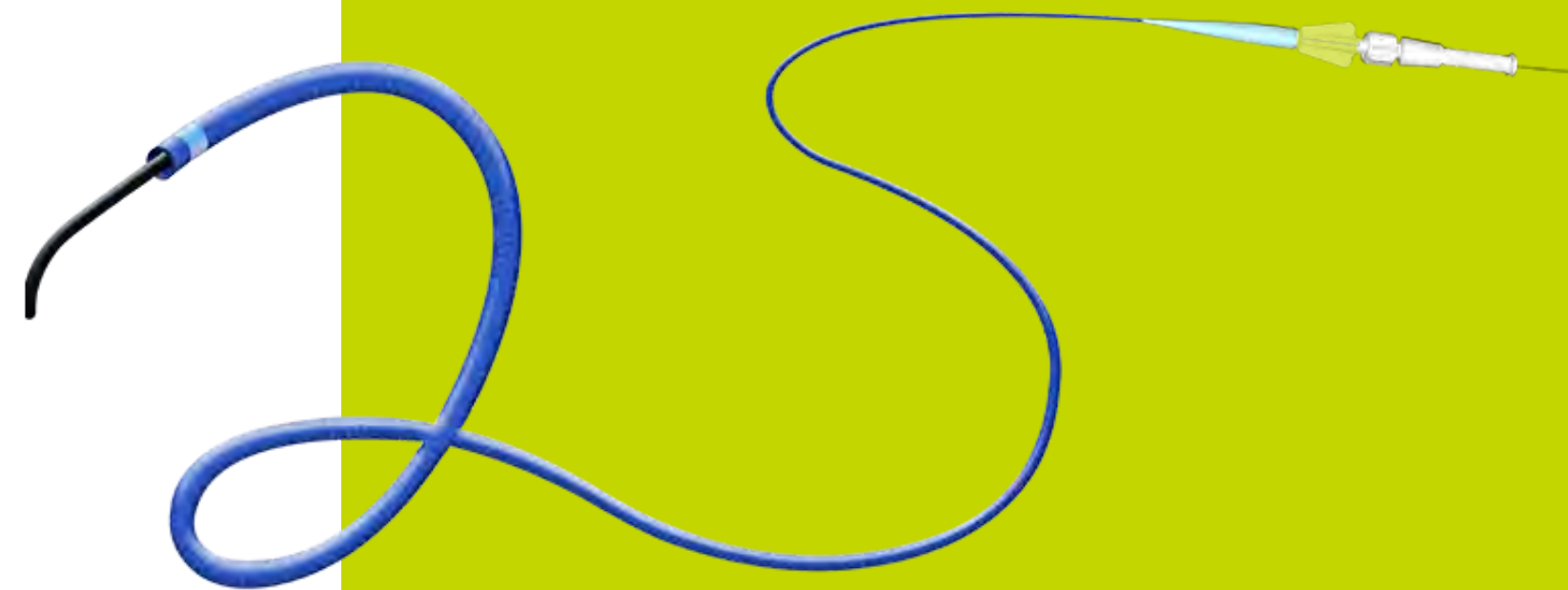
6 different tips for different anatomies

Catheter Body:

- Triple-Layer structure
- 7 segments catheter stiffness (decrease from proximal to distal)
- One/two Pt. markers help to locate the catheter

Comprehensive Specifications:

5 French Size (OD), 3 different length, 6 different tip shapes



ORDERING INFORMATION

TIP CURVE	LENGTH (CM)	MARKER	1.8F	2.0F	2.2F	2.5F	2.7F
45°	160	1	36186014500	36206014500	36226014500	36256014500	36276014500
70°			36186017000	36206017000	36226017000	36256017000	36276017000
J			3618601JC00	3620601JC00	3622601JC00	3625601JC00	3627601JC00
SWAN NECK			3618601SN00	3620601SN00	3622601SN00	3625601SN00	3627601SN00
COBRA			3618601CB00	3620601CB00	3622601CB00	3625601CB00	3627601CB00
STRAIGHT			3618601ST00	3620601ST00	3622601ST00	3625601ST00	3627601ST00
STRAIGHT*	160	1	3618601ST01	3620601ST01	3622601ST01	3625601ST01	3627601ST01
45°	160	2	36186024500	36206024500	36226024500	36256024500	36276024500
70°			36186027000	36206027000	36226027000	36256027000	36276027000
J			3618602JC00	3620602JC00	3622602JC00	3625602JC00	3627602JC00
SWAN NECK			3618602SN00	3620602SN00	3622602SN00	3625602SN00	3627602SN00
COBRA			3618602CB00	3620602CB00	3622602CB00	3625602CB00	3627602CB00
STRAIGHT			3618602ST00	3620602ST00	3622602ST00	3625602ST00	3627602ST00
STRAIGHT*	160	2	3618602ST01	3620602ST01	3622602ST01	3625602ST01	3627602ST01
STRAIGHT	180	1	3618801ST00	3620801ST00	3622801ST00	3625801ST00	3627801ST00
STRAIGHT*	180	1	3618802ST01	3620802ST01	3622802ST01	3625802ST01	3627802ST01
STRAIGHT	180	2	3618802ST00	3620802ST00	3622802ST00	3625802ST00	3627802ST00
STRAIGHT*	180	2	3618801ST01	3620801ST01	3622801ST01	3625801ST01	3627801ST01

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DISTAIL™ MICROCATHETER

Tips:

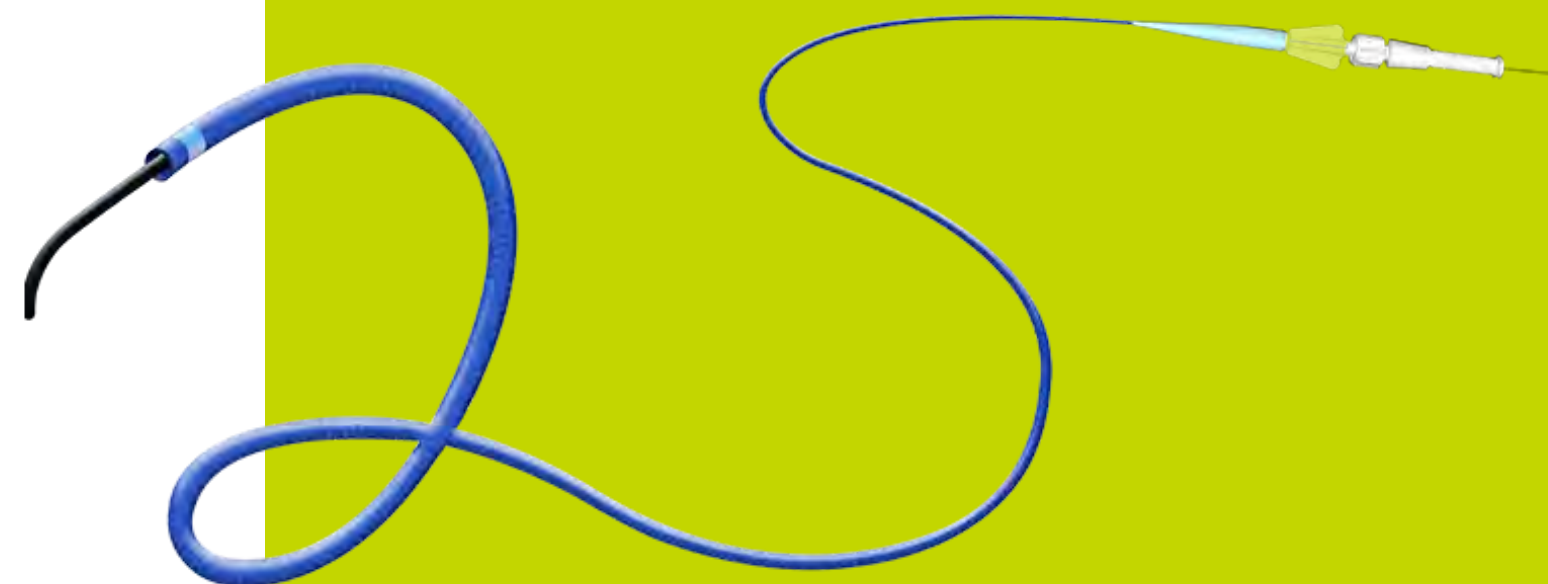
6 different tips for different anatomies

Catheter Body:

- Triple-Layer structure
- 7 segments catheter stiffness (decrease from proximal to distal)
- One/two Pt. markers help to locate the catheter

Comprehensive Specifications:

5 French Size (OD), 3 different length, 6 different tip shapes



FEATURES

More Specifications

- 1.8-2.7F in O.D., 110-150cm in working length, single / double Markers, 360 specs in total
- 150cm/160cm/180cm for radial

More Accessories

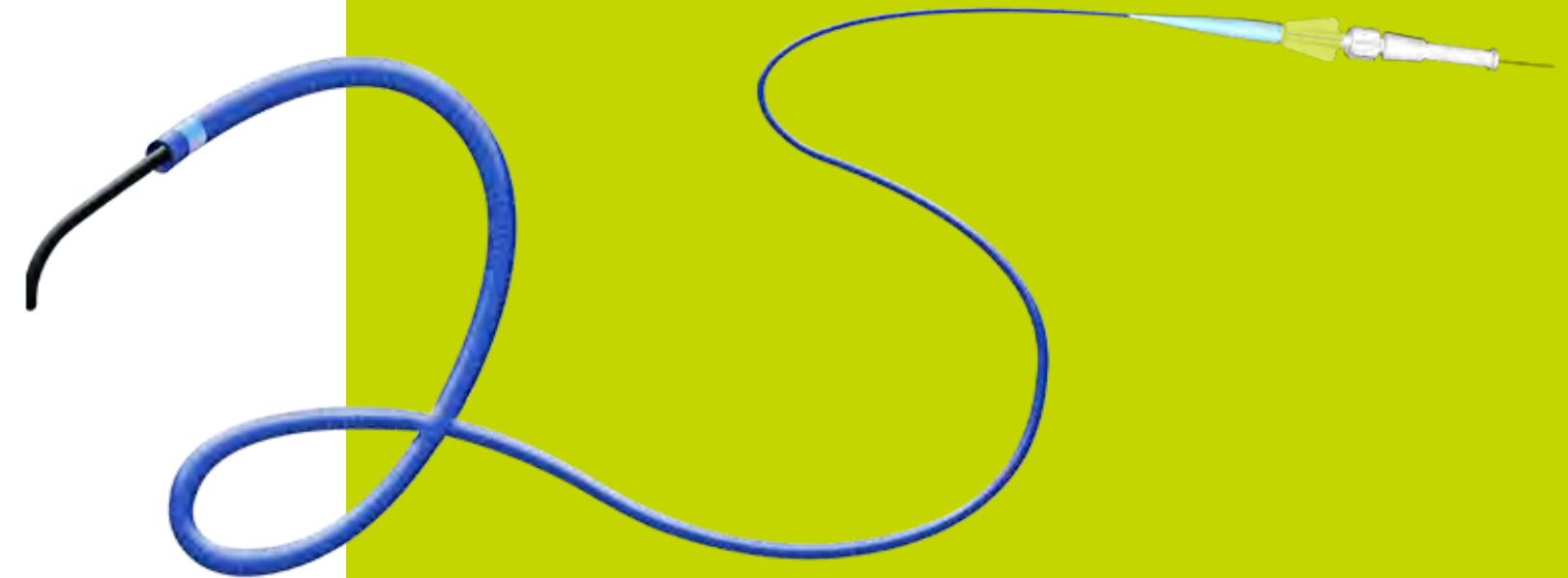
- All specs equipped with: shaping mandrel, insertion tool, torque device and syringe (for embolic agent)
- All curves can be adapted to micro guidewire

Better Engineering

- Stainless steel & tungsten braiding brings in very good anti-kink and high flow rate

Easy Spot

- Hub in different colour to differentiate MC size



DISTAIL™ MICROCATHETER

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ELONG™ MICROCATHETER

Straight Tip 1.7F: Optimized design for CTO Retrograde Navigating

Straight Tip 1.9F: Designed for both CTO Antegrade and Retrograde Navigating

Tapered Tip 2.6F: Optimized design for Calcified Lesion

Dual Lumen 3.2F: Optimal solution for various complex PCI technique



ORDERING INFORMATION

CATALOGUE NO.	FR.	LENGTH	CURVE
60172305	1.7Fr to 2.3Fr	150cm	Straight
60172306	1.7Fr to 2.3Fr	130cm	Straight
60192404	1.9Fr to 2.4Fr	150cm	Straight
60192405	1.9Fr to 2.4Fr	130cm	Straight
60262801	2.6Fr to 2.8Fr	130cm	Straight (Tapered Tip)
60262802	2.6Fr to 2.8Fr	130cm	Straight (Tapered Tip)

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ELONG™ MICROCATHETER



FEATURES

Optimal Support

- Stainless steel mesh braided structure provides outstanding guidewire support and device manipulation
- PTFE inner layer for minimizing resistance during guidewire advance operation

Superior Crossability

- Hydrophilic coating on the distal for smooth delivery even in tortuous anatomy
- Slightly tapered enables to cross the complex lesion easily
- Multi-durometer of polymer tube offers smooth transition and flexibility

Multi Radiopaque Markers

- 2 or 3 marker bands are available for clear visualization

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ORDERING INFORMATION

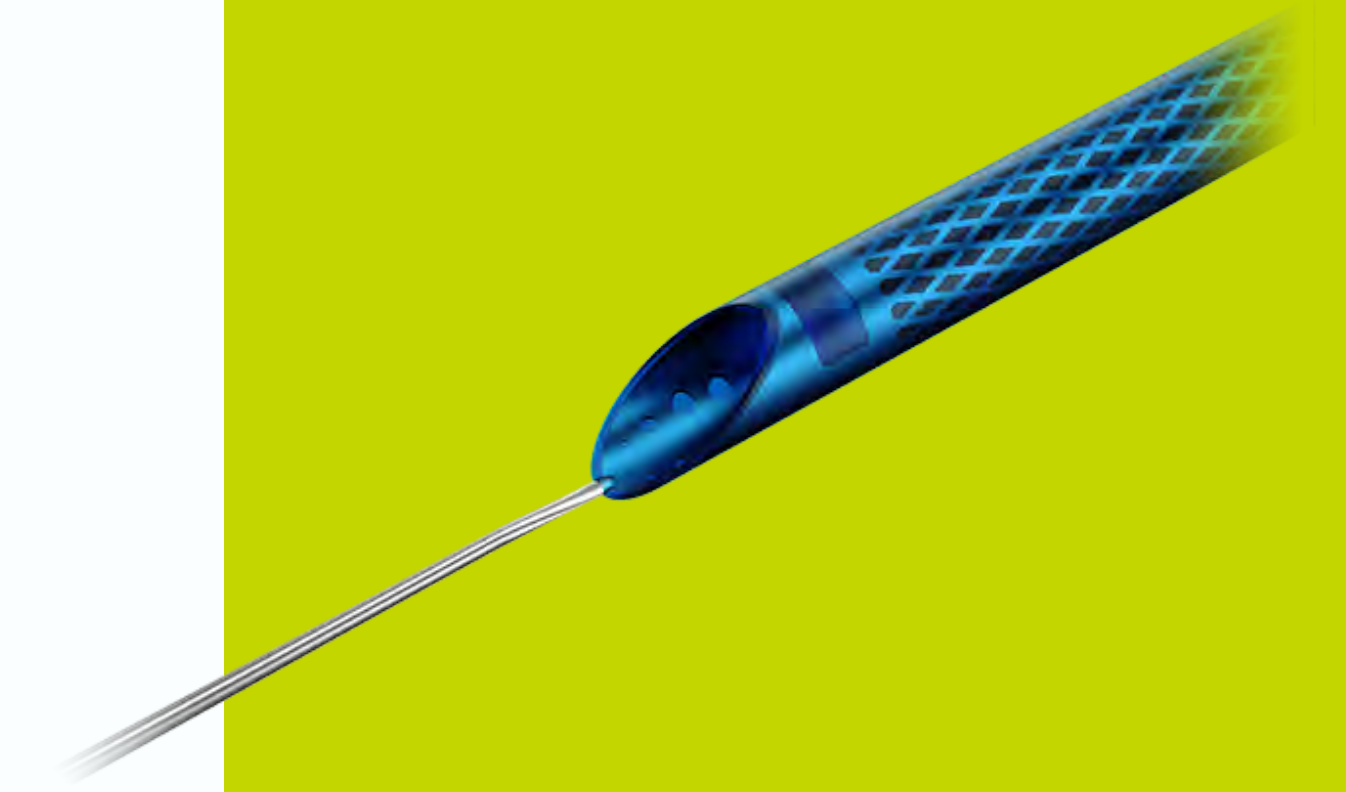
CATALOGUE NO.	FR.	LENGTH
20404001	4	150cm
20405002	4 (SH)	150cm
20505602	4-5Fr (SH)	150cm
20505603	5	150cm
20505604	5 (SH)	150cm
20606603	6	150cm
20606604	6 (SH)	150cm

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EXPRESSMAN™ GUIDING EXTENSION CATHETER

Expressman™ Guiding Extension Catheter with stainless steel braided structure and 35cm rapid exchange segment provides increased support and smooth delivery for your Complex PCI procedure.



FEATURES

Unique side holes design for your complex PCI practice

- Auxiliary pathway while treating complex or distal long lesions
- 4 side holes in 90 degrees spatial distribution

True one-piece design provides safer operation support

- Double welded design to connect tighter for safer transportation

35cm rapid exchange section

- Facilitating stent delivery across long lesion
- Reduce resistance during delivery
- Hydrophilic coating reduces resistance when advancing in tortuous anatomy

Metal mesh braided layer

- Offers excellent deliverability and pushability

Soft radiopaque tip

- Unbraided Tip of soft pebax ensures safety

EXPRESSMAN™ GUIDING EXTENSION CATHETER



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SNIFFER™ ASPIRATION CATHETER

Sniffer™Aspiration Catheter is a rapid exchange type catheter that features a big lumen and superior pushability and trackability designed for removing thrombus effectively and rapidly in the coronary.



ORDERING INFORMATION

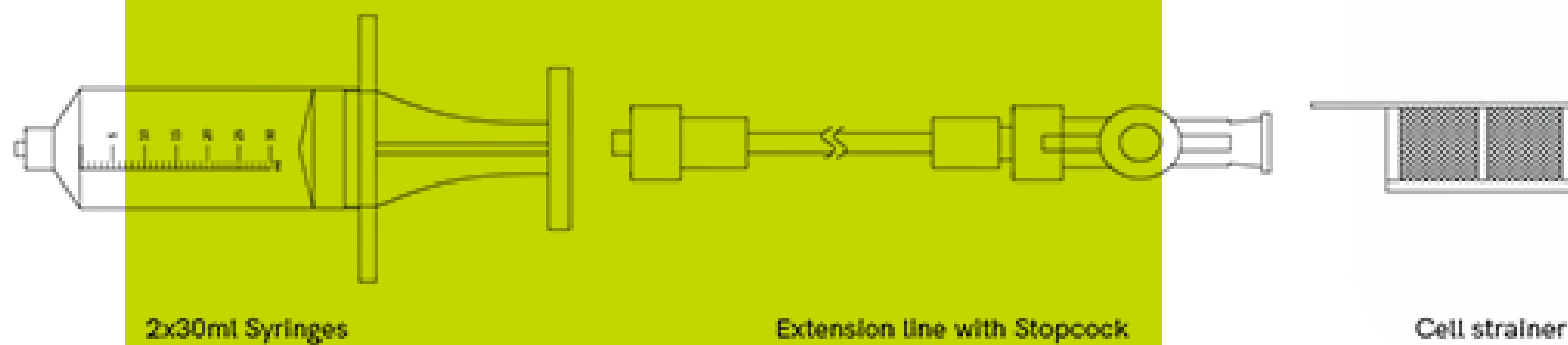
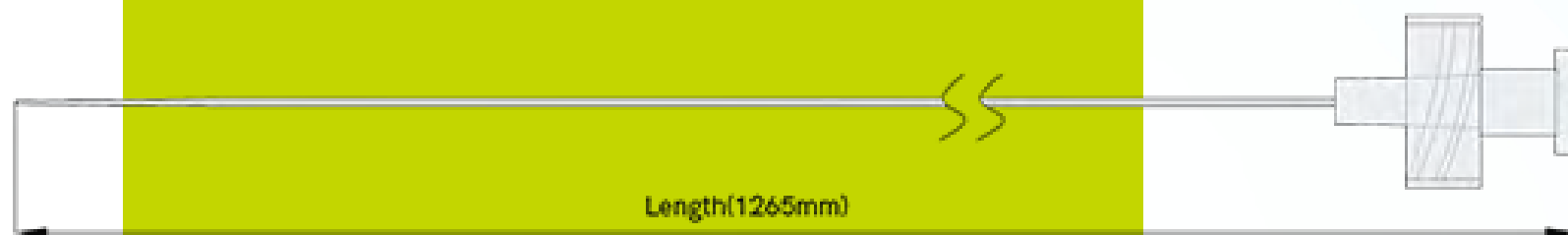
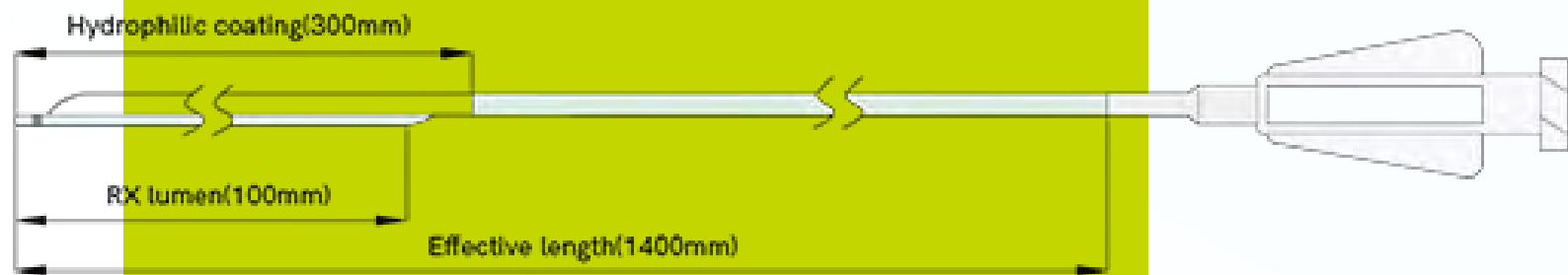
CATALOGUE NO.	FR.	LENGTH		GUIDEWIRE
65654402	6	135cm		Lumen
65654408	6	135cm		Lumen-2SH
65654430	6	135cm		Lumen
65654432	6	135cm		Lumen-2SH

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SNIFFER™ ASPIRATION CATHETER FEATURES

FEATURES



Large Circular Aspiration Lumen to Improve Efficiency

- Improved thrombus removal capability ensures fast and stable suction
- Excellent thrombus-aspiration capability

Optimal Pushability and Kink Resistance

Removable Preloaded Stylet

- Enhanced stiffness of the shaft provides excellent kink resistance, trackability and pushability

Optimized Tip Design

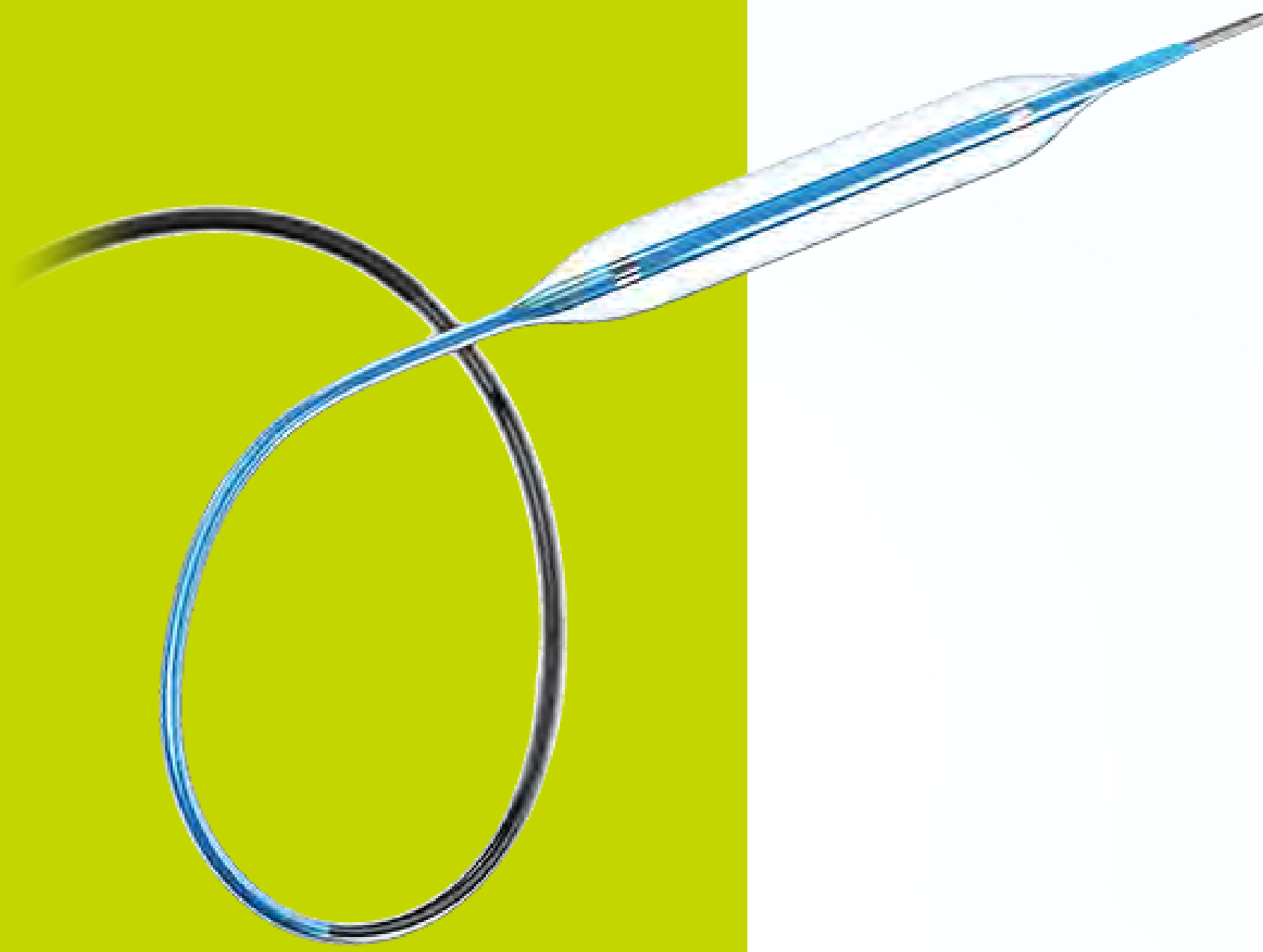
- Atraumatic round tip design to minimize possible damage on vessels.
- 6mm short tip to increase catheter crossability over tortuous anatomy
- Platinum marker provides reliable fluoroscopic visibility

Three Guidewire Lumen Lengths Available

- 50/100/200mm guidewire lumen length to meet different clinic

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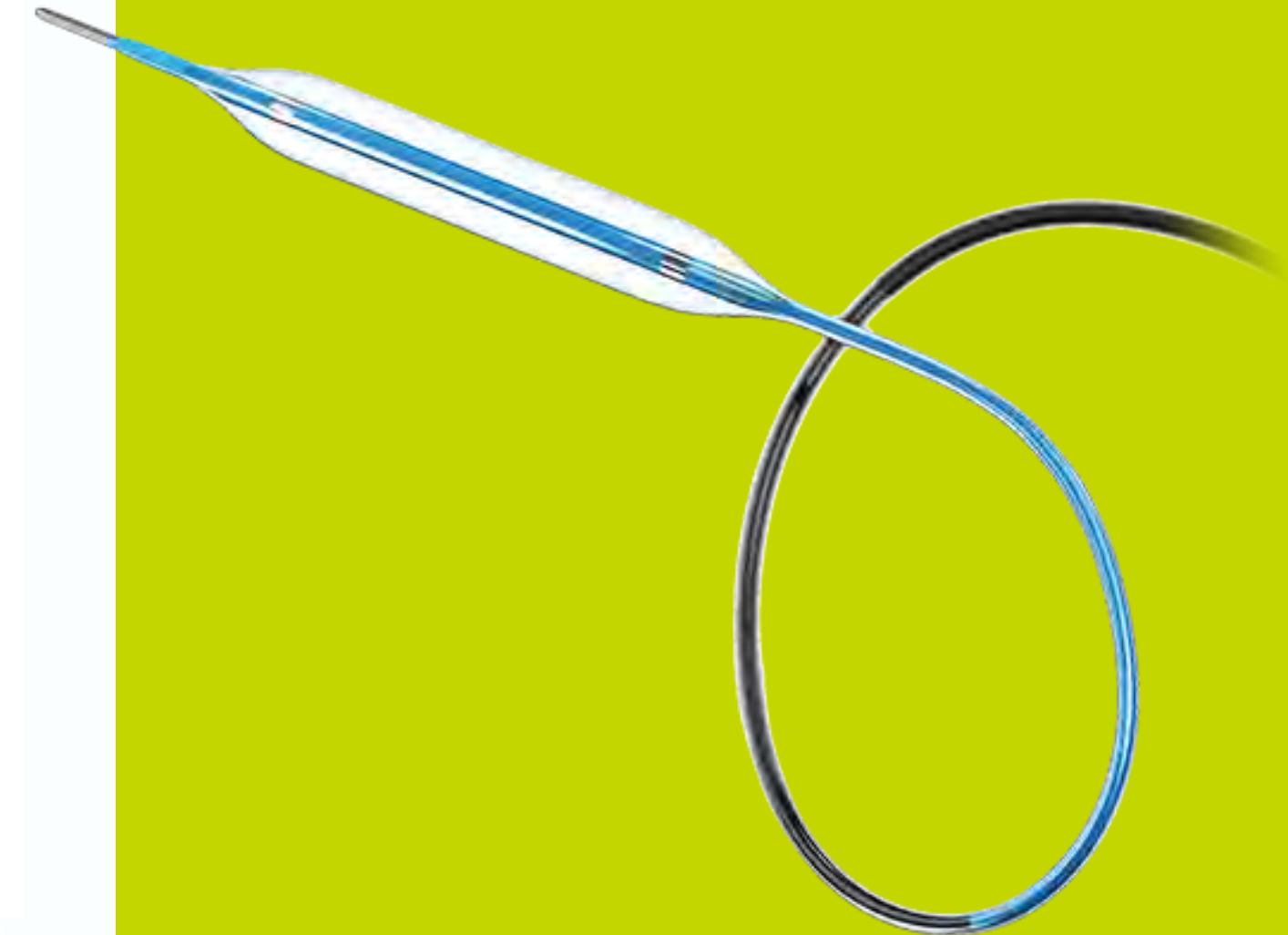
PTCA.

ORDERING INFORMATION

BALLOON DIAMETER	BALLOON LENGTH (MM)						NOTE
	6MM	9MM	12MM	15MM	20MM	30MM	
1.00	50100060	50100090	-	-	-	-	Shaft Length: 140cm Compatible Guidewire: 0.014"
1.25	50125060	50125090	50125120	50125150	-	-	
1.50	50150060	50150090	50150120	50150150	50150200	-	
2.00	50200060	50200090	50200120	50200150	50200200	50200300	
2.25	50225060	50225090	50225120	50225150	50225200	50225300	
2.50	50250060	50250090	50250120	50250150	50250200	50250300	
2.75	50275060	50275090	50275120	50275150	50275200	50275300	
3.00	-	-	50300120	50300150	50300200	50300300	
3.25	-	-	50325120	50325150	50325200	50325300	
3.50	-	-	50350120	50350150	50350200	50350300	
3.75	-	-	50375120	50375150	50375200	50375300	
4.00	-	-	50400120	50400150	50400200	50400300	
4.50	-	-	50450120	50450150	50450200	50450300	
5.00	-	-	50500120	50500150	50500200	50500300	

CONQUEROR™ PTCA BALLOON CATHETER

With its ultra-low entry profile, superior pushability and crossability, powered by special coating technique and flexible proximal shaft construction, CONQUEROR™ semi-compliant rapid exchange balloon catheter is designed to cross the most challenging lesions and improve the work efficiency.



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FEATURES

Ultra Low Lesion Entry Profile For Excellent Crossability and Recrossability

- Tip profile down to 0.016" provides better crossability through most challenging lesions.
- Smooth tapered transition between the tip and guidewire to enhance the crossability.
- Special balloon folding technique reduces balloon refolding profile to ensures a safe retrieval, even after multiple inflations.

Superior Pushability

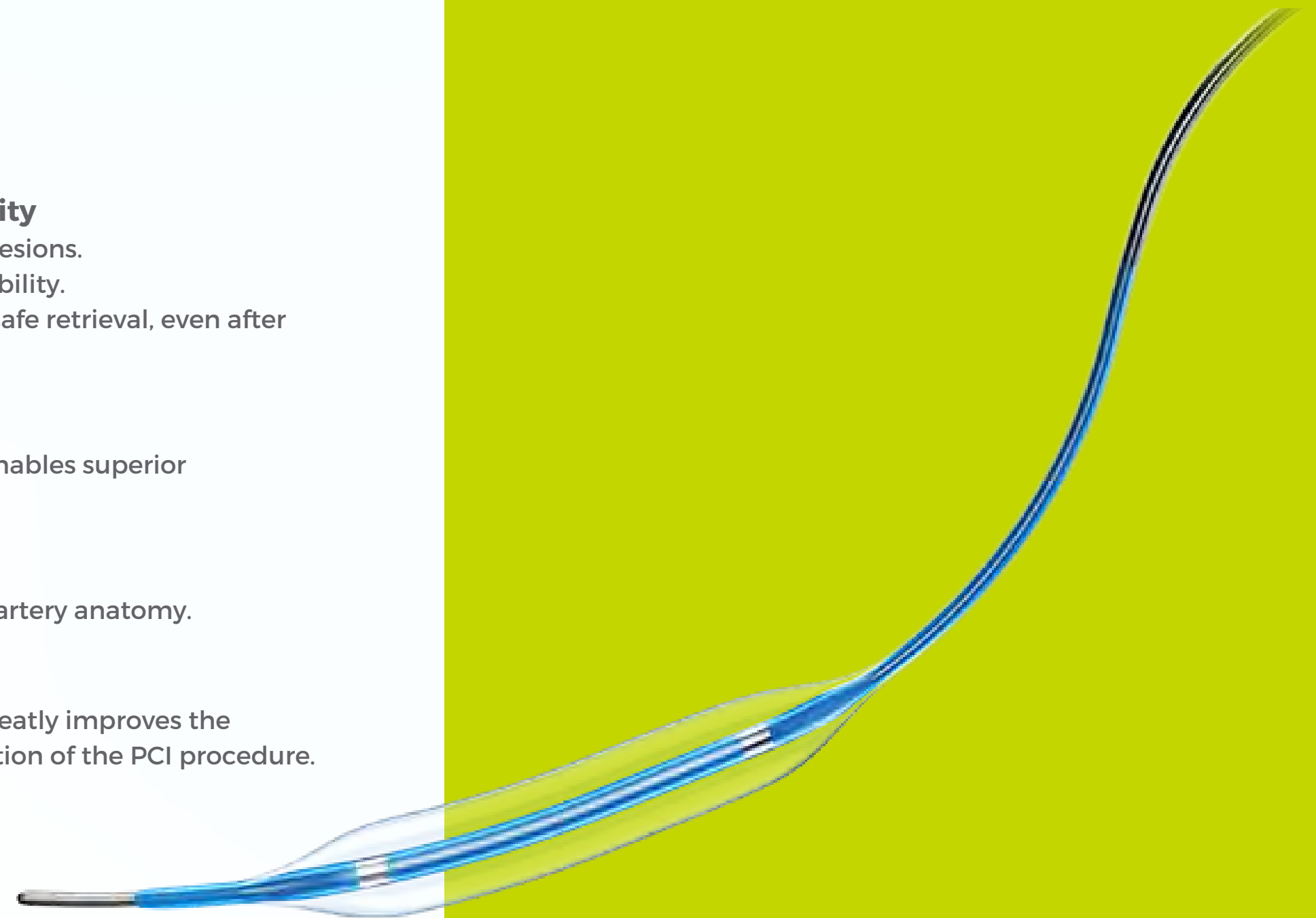
- Combination of catheter distal flexibility and the stiffness of the proximal shaft enables superior deliverability crossing through complex lesions.

Enhanced Trackability

- A much softer balloon material provides more compliance to track the complex artery anatomy.

1.0mm Balloon

- 1.0mm balloon, special design for severe stenosis and other complex lesions. It greatly improves the success rate of the PCI, simplifies the procedure process while reducing the duration of the PCI procedure.

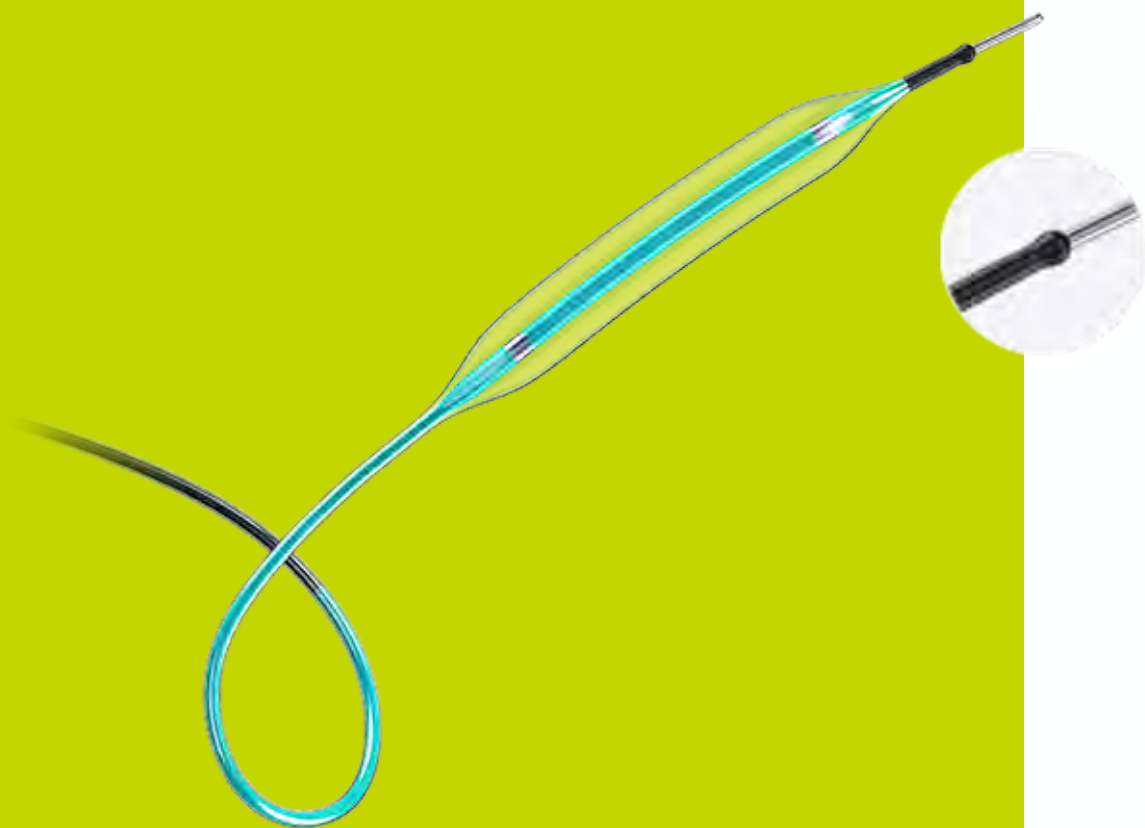


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CONQUEROR™ NC PTCA BALLOON CATHETER

CONQUEROR™ NC PTCA balloon catheter features a unique spherical tip, combined with very low compliance and soft balloon with selected coating, that is designed to cross the most tortuous vessel.



ORDERING INFORMATION

Spherical Tip

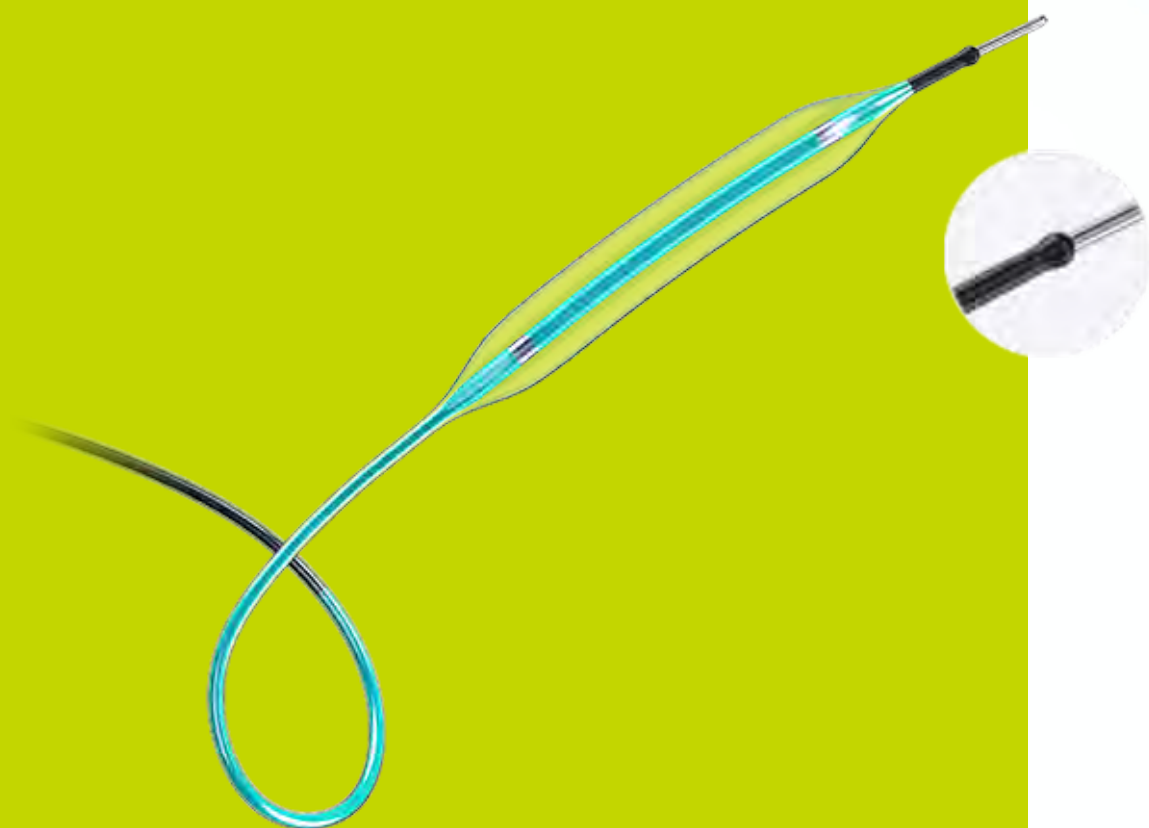
BALLOON DIAMETER	BALLOON LENGTH (MM)					
	6MM	8MM	12MM	15MM	20MM	30MM
2.00	41200061	41200081	41200121	41200151	41200201	41200301
2.25	41225061	41225081	41225121	41225151	41225201	41225301
2.50	41250061	41250081	41250121	41250151	41250201	41250301
2.75	41275061	41275081	41275121	41275151	41275201	41275301
3.00	41300061	41300080	41300121	41300151	41300201	41300301
3.25	41325061	41325080	41325121	41325151	41325201	41325301
3.50	41350061	41350080	41350121	41350151	41350201	41350301
3.75	41375061	41375080	41375121	41375151	41375201	41375301
4.00	41400061	41400080	41400121	41400151	41400201	41400301
4.50	41450061	41450080	41450121	41450151	41450201	-
5.00	41500061	41500080	41500121	41500151	41500201	-

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ORDERING INFORMATION

Tapered Tip

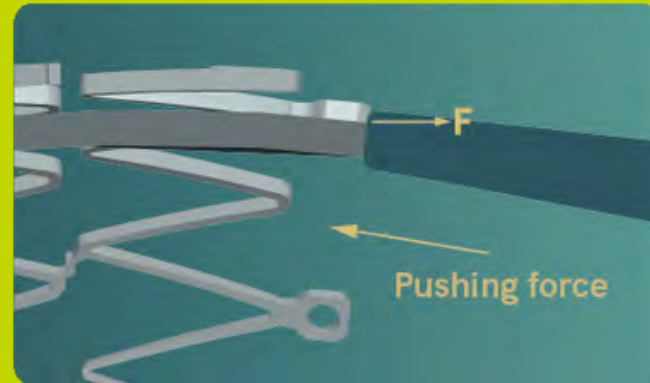
BALLOON DIAMETER	BALLOON LENGTH (MM)					
	6MM	8MM	12MM	15MM	20MM	30MM
2.00	41200060	41200080	41200120	41200150	41200200	41200300
2.25	41225060	41225080	41225120	41225150	41225200	41225300
2.50	41250060	41250080	41250120	41250150	41250200	41250300
2.75	41275060	41275080	41275120	41275150	41275200	41275300
3.00	41300060	41300080	41300120	41300150	41300200	41300300
3.25	41325060	41325080	41325120	41325150	41325200	41325300
3.50	41350060	41350080	41350120	41350150	41350200	41350300
3.75	41375060	41375080	41375120	41375150	41375200	41375300
4.00	41400060	41400080	41400120	41400150	41400200	41400300
4.50	41450060	41450080	41450120	41450150	41450200	-
5.00	41500060	41500080	41500120	41500150	41500200	-

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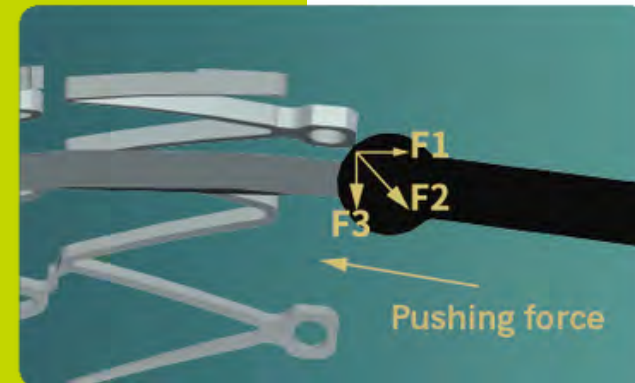
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CONQUEROR™ NC PTCA BALLOON CATHETER

FEATURES



The traditionally tapered tip may collide against the edge of the stent.



Unique spherical tip made to slide through the stent easily in tortuous vessel.

One-of-a-kind Spherical Tip Design

- Unique spherical tip avoids collision between the stent and NC balloon catheter, gliding the catheter through the stent.
- Simplify the advance of the catheter at tortuous, stent-covered artery.

Optimal Crossability and Enhanced Visualization

- Soft spherical tip with tungsten added to ensure the atraumatic guidance and optimal visualization.
- Unique spherical tip made to slide through the stent easily in tortuous vessel.

Tapered Tip Available To Suit Different Clinical Needs

- Tapered tip with ultra low profile 0.016" for excellent crossability.

HLC-Medical (Pty) Ltd

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Accessories.

ENLARGER™ INFLATION DEVICE

Enlarger™ is designed to provide precise and reliable inflation control, to enhance procedural efficiency. Its advanced features and user-friendly design make it an excellent tool in interventional procedures.



ORDERING INFORMATION

CATALOGUE NO.	VOLUME (ml)	PRESSURE (atm/psi)	STOPCOCK
192030S	20	30/440	Yes
192030	20	30/440	No

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 4 Mayfair Court, 7 Roslyn Road, Rondebosch, 7700, Western Cape, South Africa
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ENLARGER™ INFLATION DEVICE

FEATURES



- Ergonomic handle design for quick and easy inflation control
- Glow-in-the-dark pressure gauge for viewing in low-light environments
- 20ml syringe and 30atm max pressure fit all your dilatation procedures

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ORDERING INFORMATION

CATALOGUE NO.	ITEM
18891200	SealingPro™ Y-Connector II
18821200	SealingPro™ Y-Connector I
18601100	SealingPro™ Y-Connector III



SEALINGPRO™ Y CONNECTOR

Assisting the delivery of catheters and guidewires, and the side branches can be injected with contrast agents, drugs or saline, for pressure monitoring or connection to other interventional devices.

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FEATURES

Push to Unlock, Pull to Lock

- Easy to operate and good hemostasis with safe valve to lock/open.

Nominal ID: 10F

- Big lumen for device delivery

Ultra Short Type

- Ensure the sufficient extension length of the devices in the vessel.

High Pressure Endurance

- Maximum 800psi by safe valve.



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ITEM	DESCRIPTION	QTY
Infusion Line	180cm vented	2
Angiography Syringe	10ml Rotating Adapter	1
Manifold	OFF, Right Hand, 350psi, 3 ports	1
Extension Tube	1200 psi*25.4cm (10"z)	1
Extension Tube	500 psi*120cm IWF Luer Lock	2
Extension Tube	500 psi*120cm IWM Luer Lock	2
Syringe	White Luer Slip Syringe 10ml	4
Syringe	10CC Red (1), Yellow (1), Blue (1)	3
Syringe	White Luer Slip Syringe 10ml	1
Syringe	White Luer Slip Syringe 5ml	1
Needle	21G*1 1/2" - Green	2
Needle	23G*1 1/2" - Blue	1
Needle	251*1" - Orange	1
Seldinger Needle	18G*70mm - Pink	1
Gauze	10*10 12 ply 5 pcs tie	60
Scalpel	Safety #11	1
Blue Basin	6000ml	1

ITEM	DESCRIPTION	QTY
Kidney Basin	700CC	2
Bowl Blue	500CC	1
Bowl Blue	1000CC	1
Lotion Bowl 120CC	120CC	2
Guidewire Bowl	2500CC with Lid	1 each
Fluoroscopy Cover	Red, 81*86cm	1
Fluoroscopy Cover	Green, 78*152cm	1
Fluoroscopy Cover	Blue 100cm	1
Table Cover	160*210cm	1
Table Cover	160*160cm	1
Angiography Drape	4 hole, 225*360cm	1
Blue Catheter Station	4 pockets	1
Large Cleansing Ball	with x-ray line	5
Sponge Stick	15cm	2
Aspetor Bag	No. 12, 32*15*55cm	1
Wound Dressing	Size 10*12cm	1
Drug Labels	Isoptin, Nitro, Saline, Adenocine, Lidocaine, Phenyl, Heparin, Contrast	1 each

COMPREHENSIVE SURGICAL PROCEDURE PACK

- Ordering Code: HLC-XY-007-01
- NAPPI Code: 114 7945 *001



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02 PERIPHERAL VASCULAR.

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Access

Sheaths

- Sheaths 7cm
- Sheaths 11cm
- Sheaths 15cm
- Sheaths 25cm
- Long Sheaths 45cm / Guiding Catheters
- Long Sheaths 50cm / Guiding Catheters
- Long Sheaths 90cm / Guiding Catheters

Guidewires

- 80cm Workhorse Guidewires
- 120cm Workhorse Guidewires
- 150cm Workhorse Guidewires
- 180cm Workhorse Guidewires
- 260cm Workhorse Guidewires
- 300cm Workhorse Guidewires

Interventional Guidewires

- Workhorse Guidewires for peripheral interventional 0.018"
- **Anyreach-C™ and Anyreach-P™**

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Sheaths.



ORDERING INFORMATION

CATALOGUE NO.	FR.	LENGTH
970600711	6	7cm
979600711	6.5	7cm
970700711	7	7cm
98040111	4	11cm
98050112	5	11cm
97050112	4	11cm
98060112	6	11cm
97060112	6	11cm
97060113	6.5	11cm
98070111	7	11cm
97070111	7	11cm
98080110	8	11cm
98090110	9	11cm
98100110	10	11cm
98110110	11	11cm

CATALOGUE NO.	FR.	LENGTH
98120110	12	11cm
98140110	14	11cm
98040151	4	15cm
98050152	5	15cm
98060152	6	15cm
98070151	7	15cm
98080150	8	15cm
98120150	12	15cm
98140150	14	15cm
98060252	6	25cm
98070251	7	25cm
98080250	8	25cm
98090250	9	25cm
98120250	12	25cm
98140250	14	25cm

BRAIDIN™ INTRODUCER SHEATH

Braidin™ Hemostasis Introducer with braided metal mesh structure is designed to provide the thin wall and large lumen, while maintaining the excellent kink resistance, to help you win the first step in transradial procedures.



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FEATURES

Metal Mesh Braided Structure for Optimal Kink Resistance

Braided shaft to provide excellent kink resistance and very small outer diameter

Thinner Wall and Smaller Outer Diameter Design

The thin wall design reduces the outer diameter of the sheath and minimizes patients' discomfort and pain

Making CTO Approachable via Radial and Distal Radial Artery

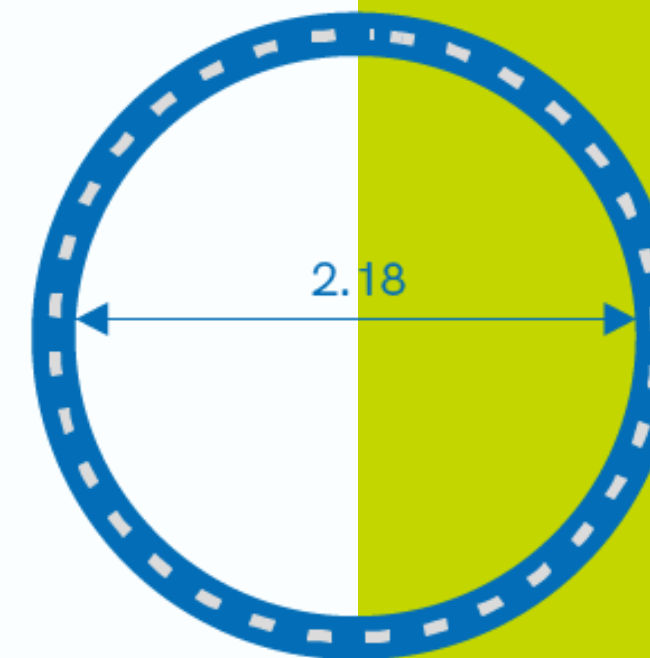
- Facilitates hemostasis and allows for free movement of hand
- Significantly reduced complication rates compared to Transfemoral approach

Smooth and Easy Insertion

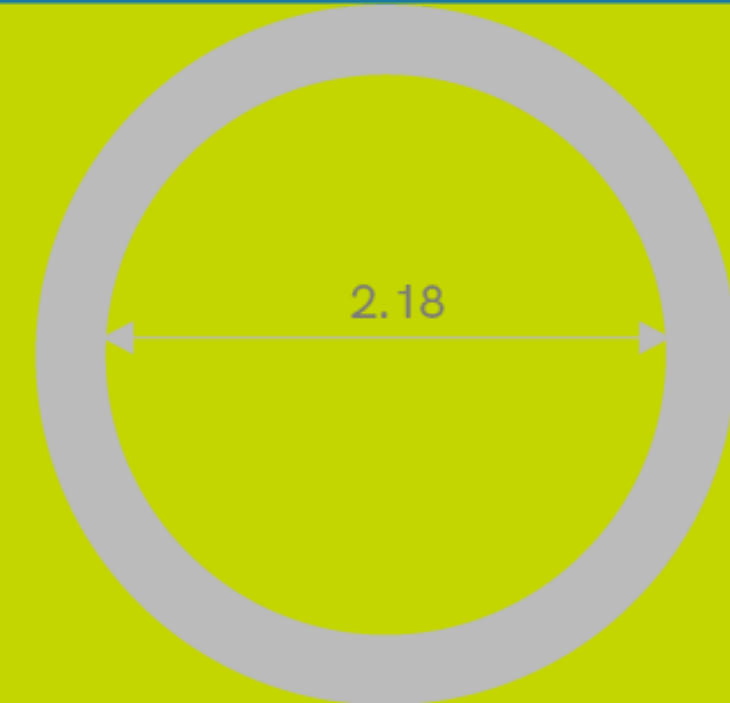
- Smooth tapered transition reduces puncture resistance and the incidence of complications
- Distal hydrophilic coating to enhance the smoothness

Full Range of Sizes and Specifications

- - Over eighty eight sizes from 4F-24; Sheath length variable from 7cm to 25cm



APT 6F



Conventional 6F

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ORDERING INFORMATION

CATALOGUE NO.	FR.	LENGTH
950604511	6	45cm
950704511	7	45cm
950804511	8	45cm
890605000	6	50cm
890705000	6	50cm
890805000	8	50cm
890905000	9	50cm
891005000	10	50cm
891205000	12	50cm
890709000	7	90cm
950809020	8	90cm
891009000	10	90cm
891209000	12	90cm

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BRAIDIN™ L HEMOSTASIS INTRODUCER

Braidin™ L guiding sheath inherits the premium quality of a hemostasis introducer, features braided structure and marked tip to provide superior torqueability and back-up support, it is widely used in peripheral intervention and venous procedures.



FEATURES

Braided Structure

- Facilitates excellent support, torqueability and superior kink resistance
- Provides thin wall and small outer diameter to minimize blood vessel stress and access site complications

Smooth Transition between Sheath and Dilator

- For smooth advancement and easier insertion

Atraumatic tip

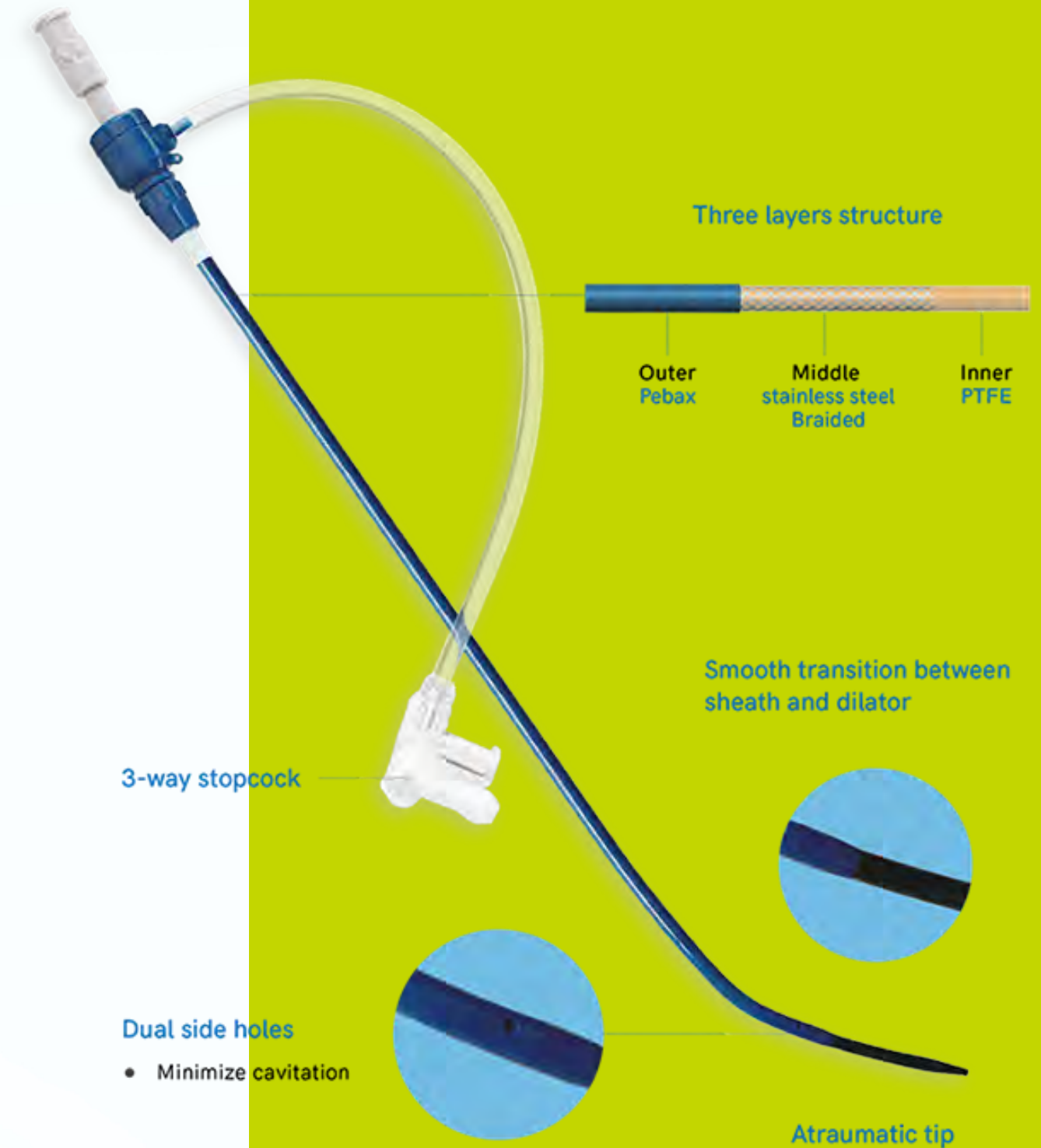
- Rounded dilator tip to avoid vessel damage

Multiple curves available for different clinical requirements

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BRAIDIN™ L HEMOSTASIS INTRODUCER





Guidewires.



ORDERING INFORMATION

CATALOGUE NO.	SIZE	LENGTH	STD/STIFF
10A13508	0.035	80cm	Standard
10A13512	0.035	120cm	Standard
10A12515	0.025	150cm	Standard
10A13215	0.032	150cm	Standard
10A13515	0.035	150cm	Standard
10S23515	0.035	150cm	Stiff
10S13515	0.035	150cm	Standard
10A23515	0.035	150cm	Stiff
10J1351515	0.035 J	150cm	Standard
10J1351530	0.035 J	150cm	Standard
10A13815	0.038	150cm	Standard

CATALOGUE NO.	SIZE	LENGTH	STD/STIFF
10A13218	0.032	180cm	Standard
10A13518	0.035	180cm	Standard
10A23518	0.035	180cm	Stiff
10S23518	0.035	180cm	Stiff
10S13518	0.035	180cm	Standard
10J1351815	0.035J	180cm	Standard
10A13818	0.038	180cm	Standard
10A13226	0.032	260cm	Standard
10A13526	0.035	260cm	Standard
10A23526	0.035	260cm	Stiff
10S13526	0.035	260cm	Standard
10J1352630	0.035 J	260cm	Standard

BLACKHEEL™ HYDROPHILIC GUIDEWIRE

Blackeel™ Nitinol hydrophilic guidewire with soft and atraumatic tip and Tungsten blended polymer to provide superior elasticity, kink resistance, torque control and high visibility. Durable hydrophilic coating of the wire ensures lubricity to pass through the tortuous vessels.



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FEATURES

Excellent torque control

- Elastic material and integrated design allows 1:1 torque response to deliver the guidewire into the target vessel quickly.

Enhanced visibility

- Tungsten blended polymer ensures enhanced visibility under X-ray and enables accurate positioning.

Durable and lubricious performance

- Patented hydrophilic coating ensures a durable and smooth approach, even in tortuous vessels.

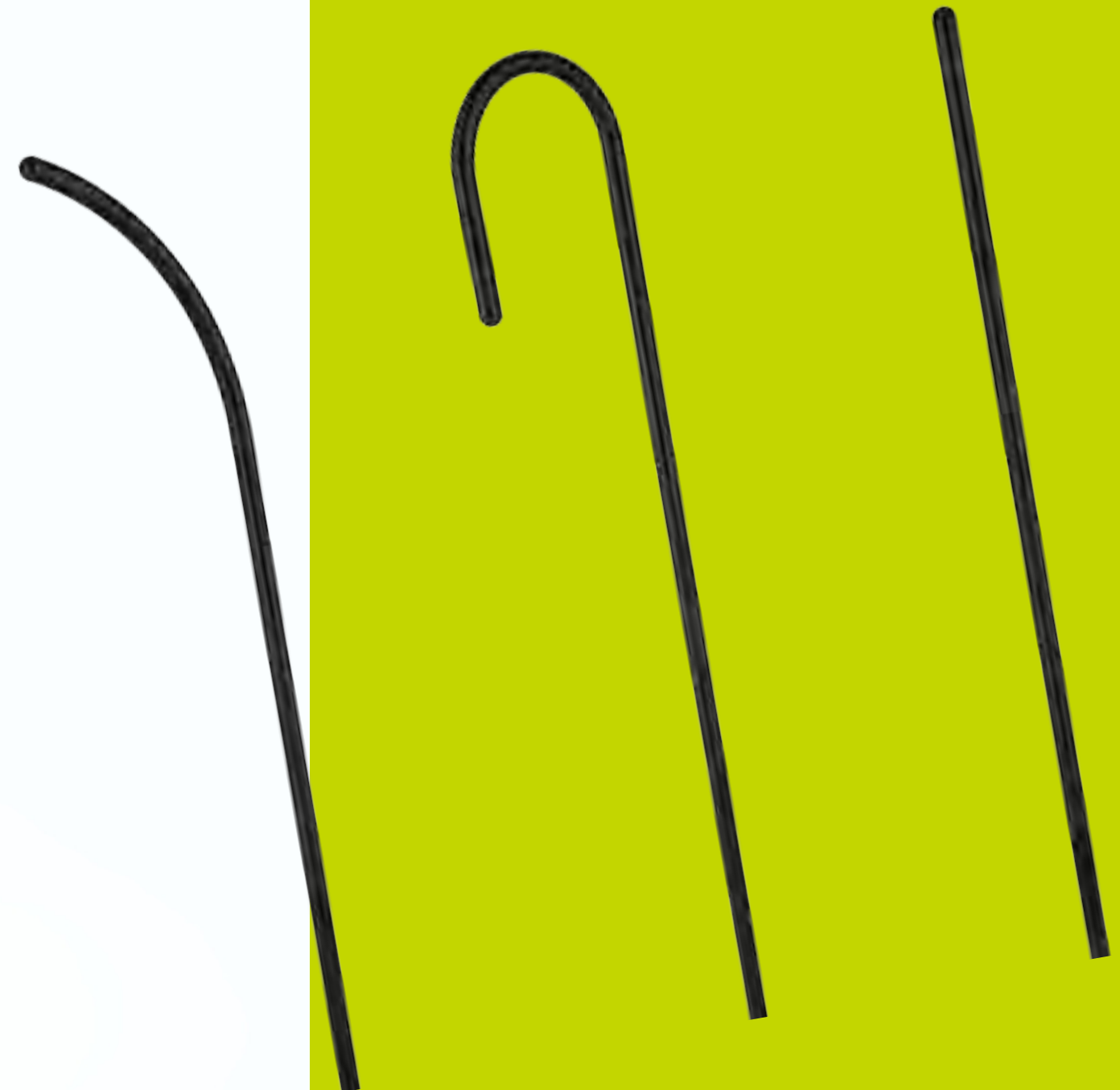
Soft and Atraumatic Tip

- Tapered design ensures a soft and atraumatic tip to cross tortuous anatomy.

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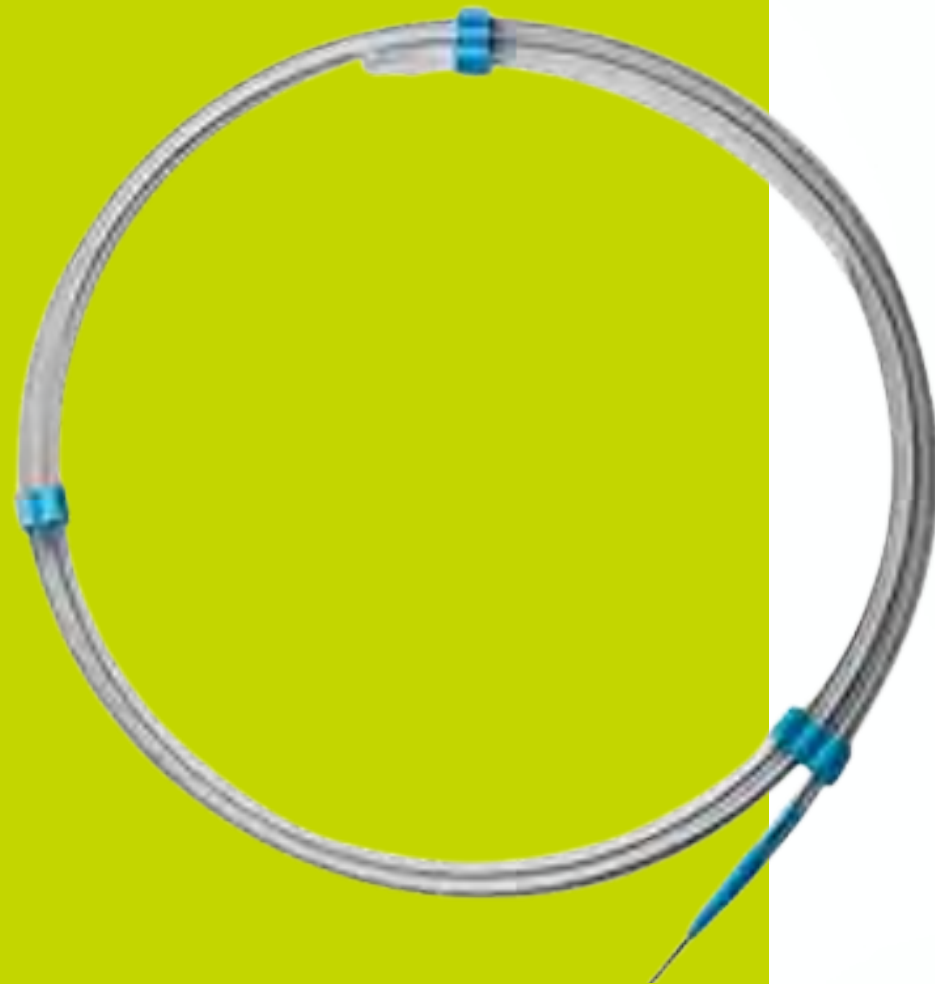
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BLACKKEEL™ HYDROPHILIC GUIDEWIRE



ACCOAT NOODLE GUIDEWIRE

The Acccoat Guide Wire is made from a stainless steel core and can be supplied with or without a PTFE coat. It is available with a 4.5cm flexible straight or J-tip. The J-tip radius is available in 1.5, 3, 6 or 15mm size. There are varying degrees of shaft stiffness available and wire lengths vary from 30-450cm. The broad range of options have been provided to offer an intelligent clinical solution for a wide range of procedural eventualities.



ORDERING INFORMATION

CATALOGUE NO.	SIZE	LENGTH	STD/STIFF
H-X-X-J6-C-035-300	0.035	300cm	Super Stiff

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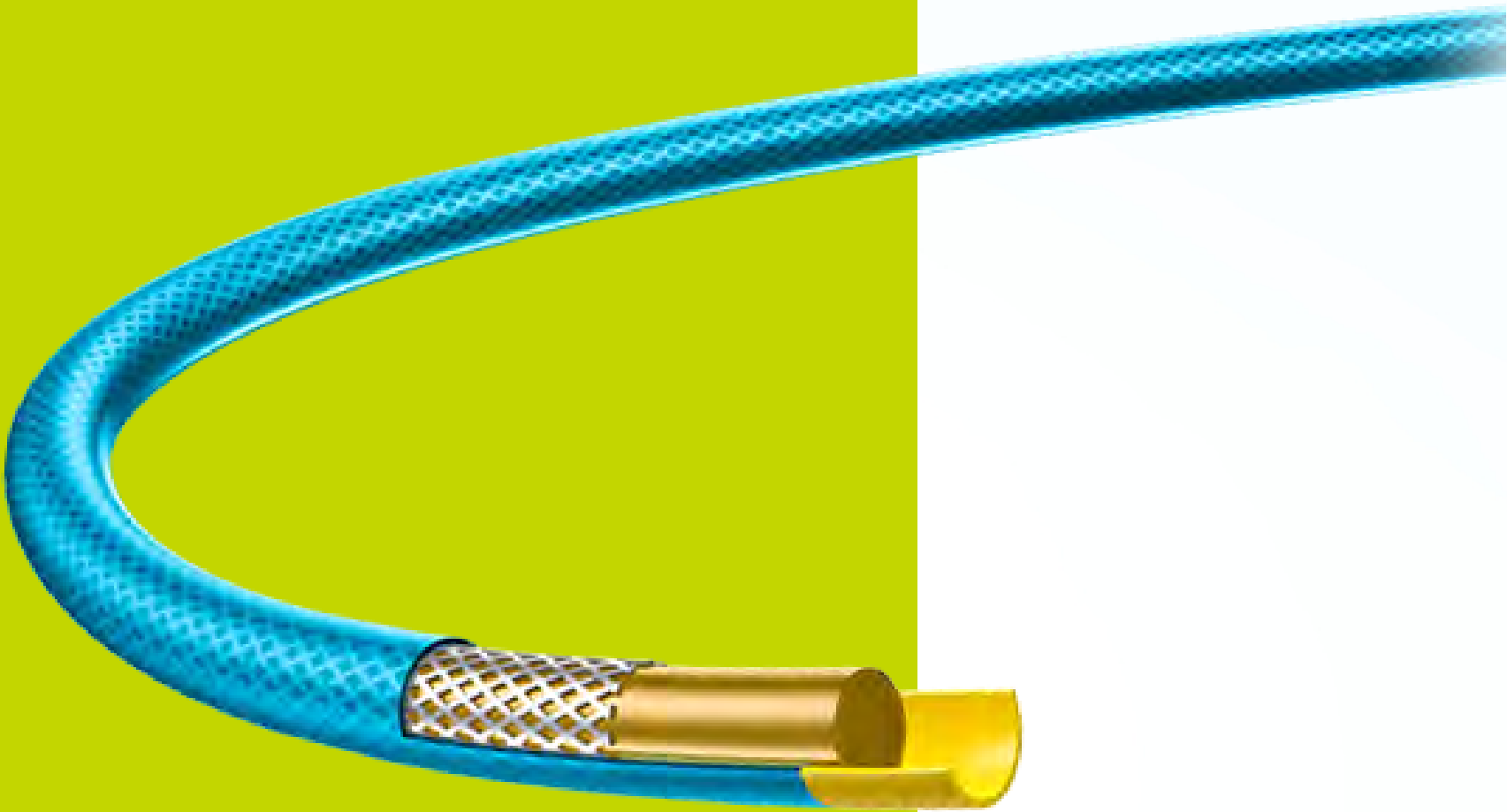
ACCOAT NOODLE GUIDEWIRE

FEATURES

- Stainless steel provides excellent radiopacity for clear visualisation under x-ray
- PTFE coating designed to minimise friction and aid tracking
- Standard, Stiff, Extra stiff and Super stiff options provide a broad platform choice for operator
- A 4.5cm flexible J-tip is provided with a radius of 1.5, 3, 6, or 15mm. A 4.5cm flexible straight tip option is also available

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Diagnostic Catheters.



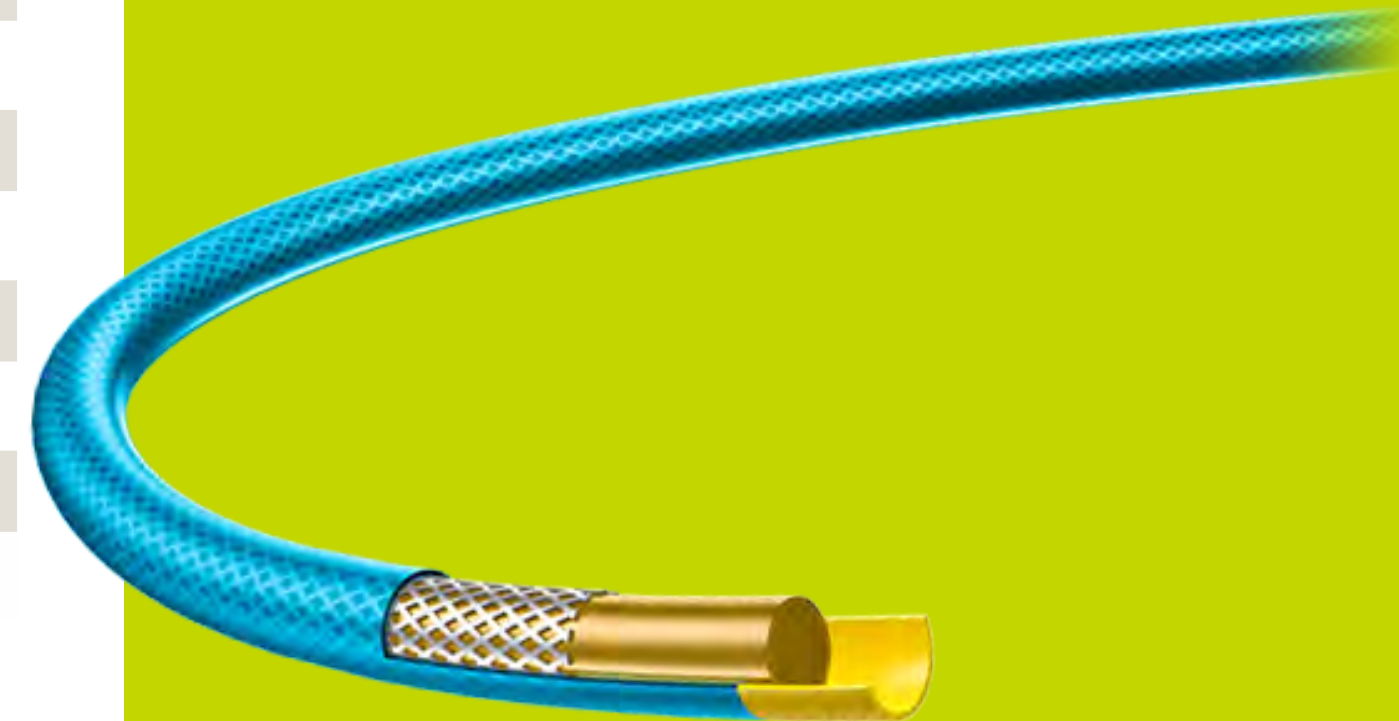
ORDERING INFORMATION

CATALOGUE NO.	FR.	LENGTH	CURVE
11510019	5	100cm	MPA
11610019	6	100cm	MPA
11510020	5	100cm	MPA2-2SH
11610020	6	100cm	MPA2-2SH
11510022	5	100cm	AR MOD
11508031	5	80cm	SIM1
11608031	6	80cm	SIM1
11508032	5	80cm	SIM2
11608032	6	80cm	SIM2
11508033	5	80cm	SIM3
11608035	6	80cm	HEADHUNTER2
11510034	5	100cm	HEADHUNTER1
11510035	5	100cm	HEADHUNTER2
11510036	5	100cm	HEADHUNTER3

CATALOGUE NO.	FR.	LENGTH	CURVE
11508028	5	80cm	COBRA1
11608028	6	80cm	COBRA1
11508029	5	80cm	COBRA2
11608029	6	80cm	COBRA2
11508030	5	80cm	COBRA3
11511012	5	110cm	PIG-6SH
11511014	5	110cm	PIG-8SH
11511015	5	110cm	PIG145°-6SH
11611012	6	110cm	PIG-6SH
11611015	6	110cm	PIG145°-6SH
11611014	6	110cm	PIG-8SH

Hydrophilic Angiographic Catheters

Angiopointer™ Hydrophilic Angiographic Catheter is designed for Coronary and Peripheral Angiography with excellent torqueability, lubricous performance and braided design for large inner lumen and high flow rate, multiple curve shapes for various procedures and anatomical structure, to fit your daily practice.



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FEATURES

Metal Mesh Braided Structure

- Offers superior torque control and kink resistance
- Provides large lumen for higher flow rate

Hydrophilic Coating

- Durable and lubricious performance for smooth advancement and reduced vessel trauma
- For easier super-selective angiography
- Keep the catheter advancement smooth and contrast media injection stable: distal part and proximal part are uncoated

Soft and Atraumatic Tip

- Round and soft tip reduces the irritation on the vessel wall
- Ensures good visualization under fluoroscopy

Gradually Increase Softness of the Shaft

- Maximize flexibility and compliance in vessel
- Ensures good pushability and steerability



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Interventional Guidewires.



BLACKEEL™ HYDROPHILIC GUIDEWIRE

Blackeel™ Nitinol hydrophilic guidewire with soft and atraumatic tip and Tungsten blended polymer to provide superior elasticity, kink resistance, torque control and high visibility. Durable hydrophilic coating of the wire ensures lubricity to pass through the tortuous vessels.



ORDERING INFORMATION

WORKHORSE GUIDEWIRES FOR PERIPHERAL INTERVENTIONAL 0.018"

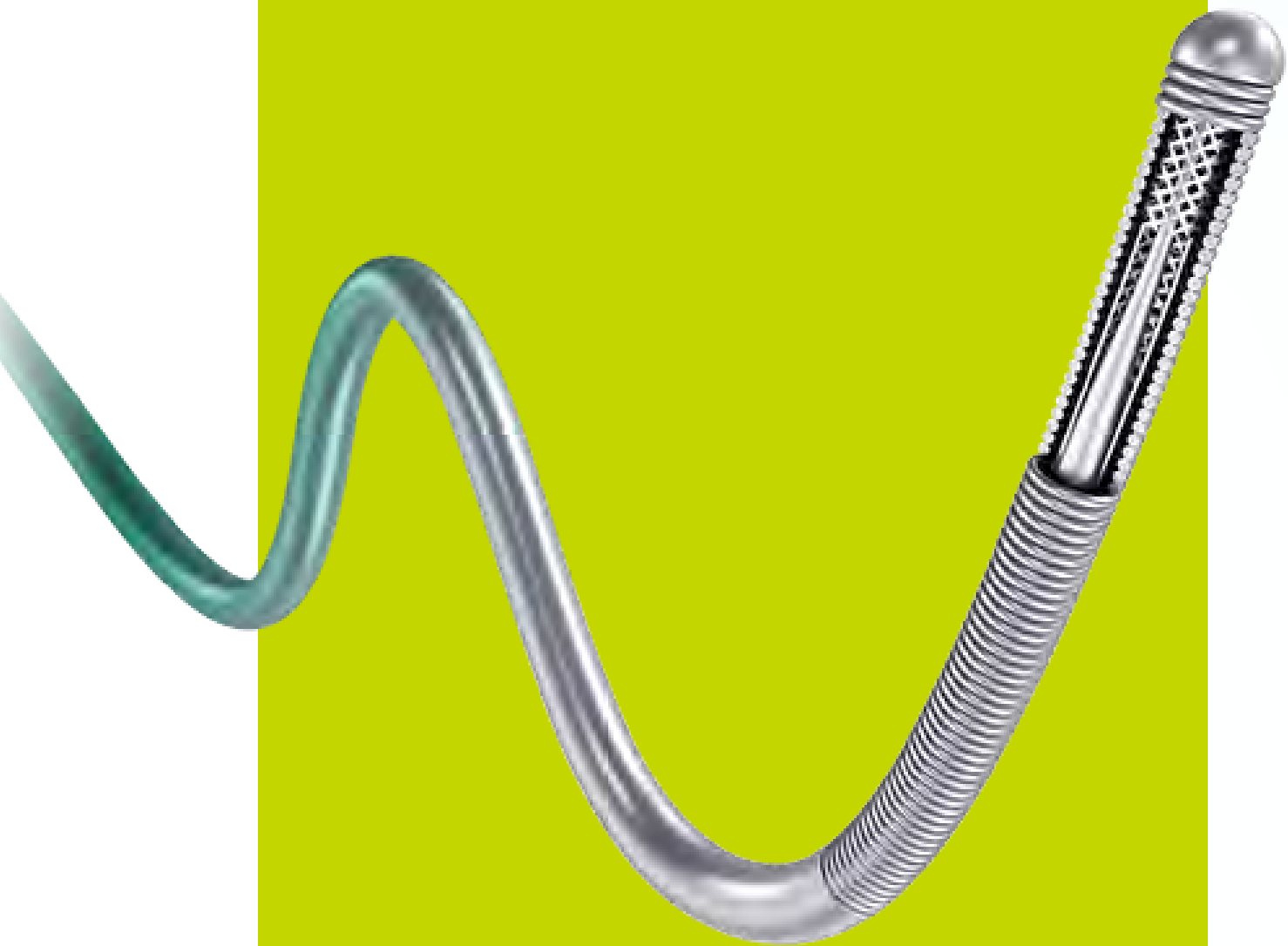
CATALOGUE NO.	SIZE	LENGTH	STD/STIFF
10S11815	0.018-S	150cm	Standard
10A11815	0.018-A	150cm	Standard
10A11818	0.018-A	180cm	Standard
10A11826	0.018-A	260cm	Standard

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ANYREACH-C™ AND ANYREACH-P™ GUIDEWIRE

HLC-Medical provides a series of Anyreach workhorse guidewire which feature a Dual-Core and Core-to-Tip design to give you superior torque control and safety, making you more confident in your clinical practice



ORDERING INFORMATION

CATALOGUE NO.	SIZE	LENGTH
40S018C06	180cm	Moderate-Extra Floppy-1.0g
40S019A06	190cm	Soft-Extra Floppy-0.3g
40S019B06	190cm	Light-Extra Floppy-0.6g
40S019C06	190cm	Moderate-Extra Floppy-1.0g
40S030C06	300cm	Moderate-Extra Floppy-1.0g

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ANYREACH-C™ AND ANYREACH-P™ GUIDEWIRE

FEATURES



Core-to-Tip and Dual-Core Tip Design

- Flatten core-to-tip to enhance the tactile feedback and pushability - Offers superior torque control, safety and shape retention

Support Shaft: Stainless Steel

- Proximal stainless steel core with PTFE coating provides excellent pushability and rail support

Anyreach-C™ series: C for Coil: the metal coil gives you real tactile feedback

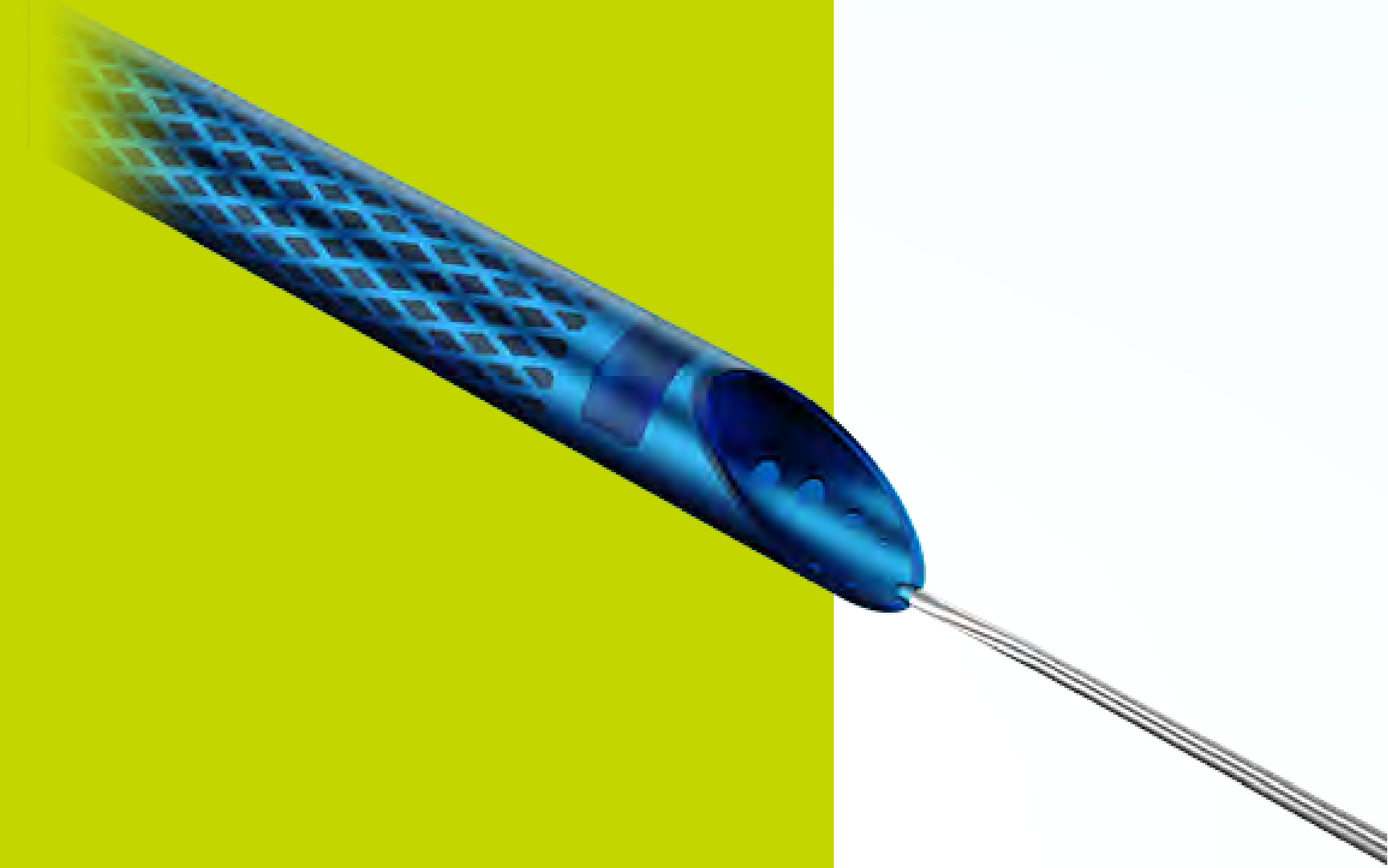
- Metal coil, safe net and Nitinol core combination introduces a unique Dual-core structure, maximize the torqueability and safety, different tip loads available to make it an optimized choice for your everyday practice.
- Tip load: 0.3/0.6/1.0g

Anyreach-P™ series: P for Polymer: the smooth feel you wish for

- Polymer sleeve on the distal covered with hydrophilic coating for enhanced lubricity to provide excellent trackability and crossability in tortuous vessels.
- Tip Load: 0.6g/1.0g

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Speciality Catheters.

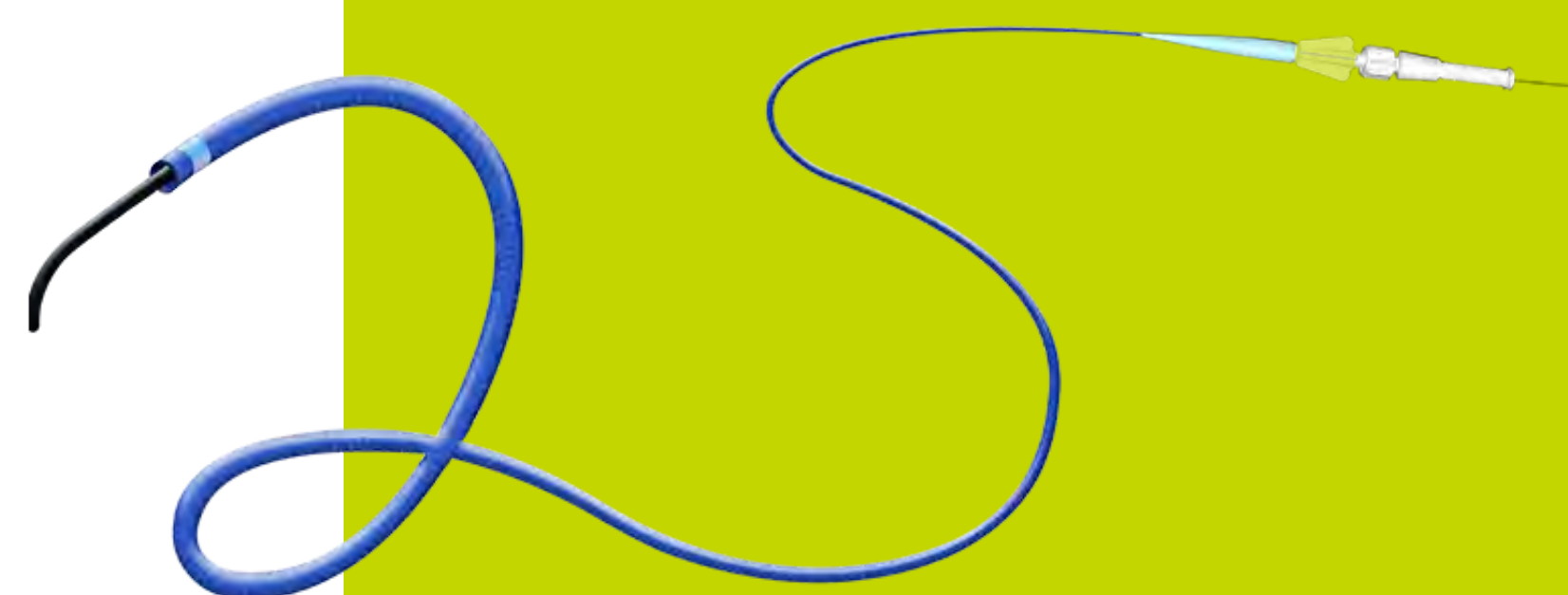


DISTAIL™ MICROCATHETER

Tips:
6 different tips for different anatomies

- Catheter Body:**
- Triple-Layer structure
 - 7 segments catheter stiffness (decrease from proximal to distal)
 - One/two Pt. markers help to locate the catheter

Comprehensive Specifications:
5 French Size (OD), 3 different length, 6 different tip shapes



ORDERING INFORMATION

TIP CURVE	LENGTH (CM)	MARKER	1.8F	2.0F	2.2F	2.5F	2.7F
45°	150	1	36185014500	36205014500	36225014500	36255014500	36275014500
70°			36185017000	36205017000	36225017000	36255017000	36275017000
J			3618501JC00	3620501JC00	3622501JC00	3625501JC00	3627501JC00
SWAN NECK			3618501SN00	3620501SN00	3622501SN00	3625501SN00	3627501SN00
COBRA			3618501CB00	3620501CB00	3622501CB00	3625501CB00	3627501CB00
STRAIGHT			3618502ST00	3620502ST00	3622502ST00	3625502ST00	3627502ST00
STRAIGHT*	150	1	3618501ST01	3620501ST01	3622501ST01	3625501ST01	3627501ST01
45°	150	2	36185024500	36205024500	36225024500	36255024500	36275024500
70°			36185027000	36205027000	36225027000	36255027000	36275027000
J			3618502JC00	3620502JC00	3622502JC00	3625502JC00	3627502JC00
SWAN NECK			3618502SN00	3620502SN00	3622502SN00	3625502SN00	3627502SN00
COBRA			3618502CB00	3620502CB00	3622502CB00	3625502CB00	3627502CB00
STRAIGHT			3618501ST00	3620501ST00	3622501ST00	3625501ST00	3627501ST00
STRAIGHT*	150	2	3618502ST01	3620502ST01	3622502ST01	3625502ST01	3627502ST01

"Straight*" refers to the straight curve models that are equipped with Micro Guidewire
All sizes equipped with: shaping needle, guidewire introducer, torque device and syringe"

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ORDERING INFORMATION

TIP CURVE	LENGTH (CM)	MARKER	1.8F	2.0F	2.2F	2.5F	2.7F
45°	160	1	36186014500	36206014500	36226014500	36256014500	36276014500
70°			36186017000	36206017000	36226017000	36256017000	36276017000
J			3618601JC00	3620601JC00	3622601JC00	3625601JC00	3627601JC00
SWAN NECK			3618601SN00	3620601SN00	3622601SN00	3625601SN00	3627601SN00
COBRA			3618601CB00	3620601CB00	3622601CB00	3625601CB00	3627601CB00
STRAIGHT			3618601ST00	3620601ST00	3622601ST00	3625601ST00	3627601ST00
STRAIGHT*	160	1	3618601ST01	3620601ST01	3622601ST01	3625601ST01	3627601ST01
45°	160	2	36186024500	36206024500	36226024500	36256024500	36276024500
70°			36186027000	36206027000	36226027000	36256027000	36276027000
J			3618602JC00	3620602JC00	3622602JC00	3625602JC00	3627602JC00
SWAN NECK			3618602SN00	3620602SN00	3622602SN00	3625602SN00	3627602SN00
COBRA			3618602CB00	3620602CB00	3622602CB00	3625602CB00	3627602CB00
STRAIGHT			3618602ST00	3620602ST00	3622602ST00	3625602ST00	3627602ST00
STRAIGHT*	160	2	3618602ST01	3620602ST01	3622602ST01	3625602ST01	3627602ST01
STRAIGHT	180	1	3618801ST00	3620801ST00	3622801ST00	3625801ST00	3627801ST00
STRAIGHT*	180	1	3618802ST01	3620802ST01	3622802ST01	3625802ST01	3627802ST01
STRAIGHT	180	2	3618802ST00	3620802ST00	3622802ST00	3625802ST00	3627802ST00
STRAIGHT*	180	2	3618801ST01	3620801ST01	3622801ST01	3625801ST01	3627801ST01

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DISTAIL™ MICROCATHETER

Tips:

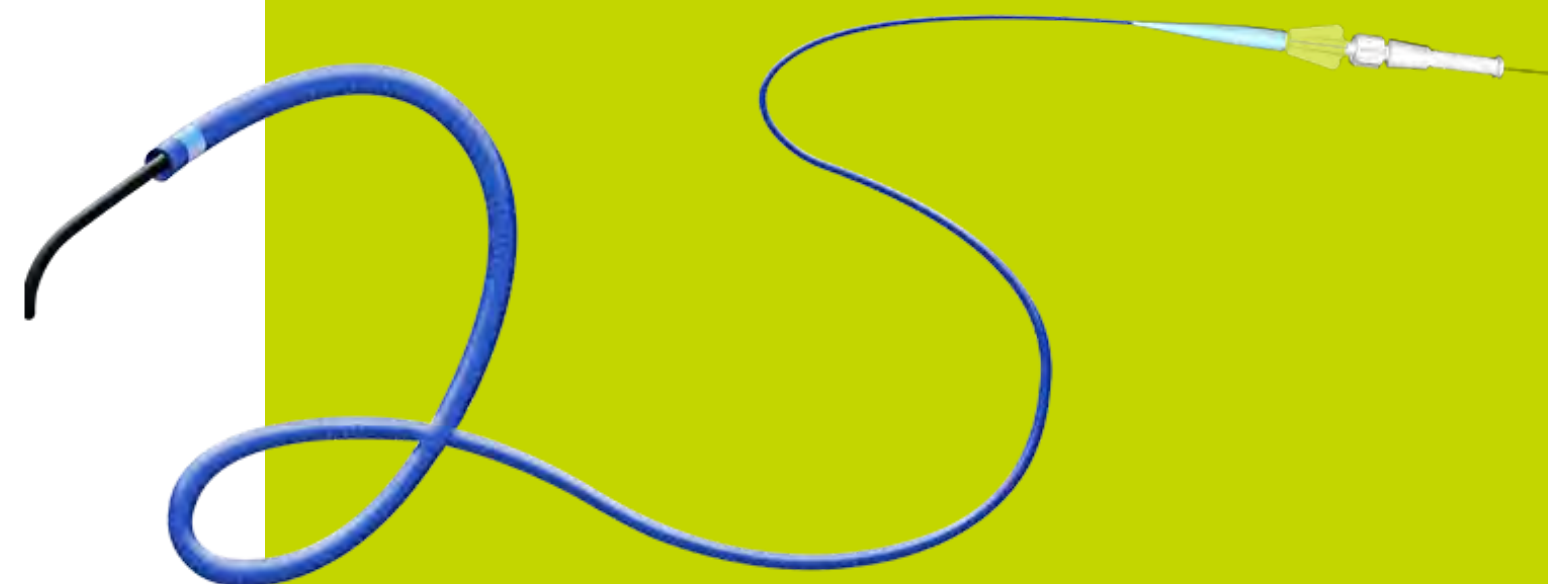
6 different tips for different anatomies

Catheter Body:

- Triple-Layer structure
- 7 segments catheter stiffness (decrease from proximal to distal)
- One/two Pt. markers help to locate the catheter

Comprehensive Specifications:

5 French Size (OD), 3 different length, 6 different tip shapes



FEATURES

More Specifications

- 1.8-2.7F in O.D., 110-150cm in working length, single / double Markers, 360 specs in total
- 150cm/160cm/180cm for radial

More Accessories

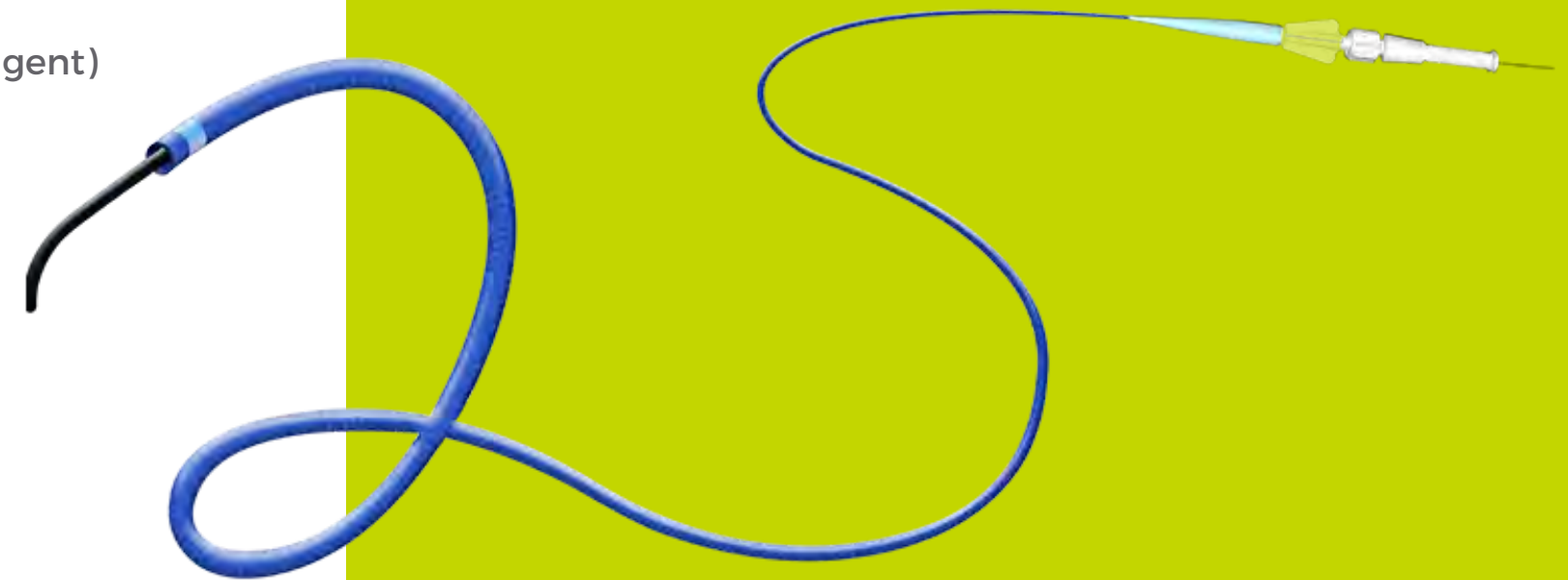
- All specs equipped with: shaping mandrel, insertion tool, torque device and syringe (for embolic agent)
- All curves can be adapted to micro guidewire

Better Engineering

- Stainless steel & tungsten braiding brings in very good anti-kink and high flow rate

Easy Spot

- Hub in different colour to differentiate MC size



DISTAIL™ MICROCATHETER

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ELONG™ MICROCATHETER

Straight Tip 1.7F: Optimized design for CTO Retrograde Navigating

Straight Tip 1.9F: Designed for both CTO Antegrade and Retrograde Navigating

Tapered Tip 2.6F: Optimized design for Calcified Lesion

Dual Lumen 3.2F: Optimal solution for various complex PCI technique



ORDERING INFORMATION

CATALOGUE NO.	FR.	LENGTH	CURVE
60172305	1.7Fr to 2.3Fr	150cm	Straight
60172306	1.7Fr to 2.3Fr	130cm	Straight
60192404	1.9Fr to 2.4Fr	150cm	Straight
60192405	1.9Fr to 2.4Fr	130cm	Straight
60262801	2.6Fr to 2.8Fr	130cm	Straight (Tapered Tip)
60262802	2.6Fr to 2.8Fr	130cm	Straight (Tapered Tip)

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FEATURES

Optimal Support

- Stainless steel mesh braided structure provides outstanding guidewire support and device manipulation
- PTFE inner layer for minimizing resistance during guidewire advance operation

Superior Crossability

- Hydrophilic coating on the distal for smooth delivery even in tortuous anatomy
- Slightly tapered enables to cross the complex lesion easily
- Multi-durometer of polymer tube offers smooth transition and flexibility

Multi Radiopaque Markers

- 2 or 3 marker bands are available for clear visualization

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ORDERING INFORMATION

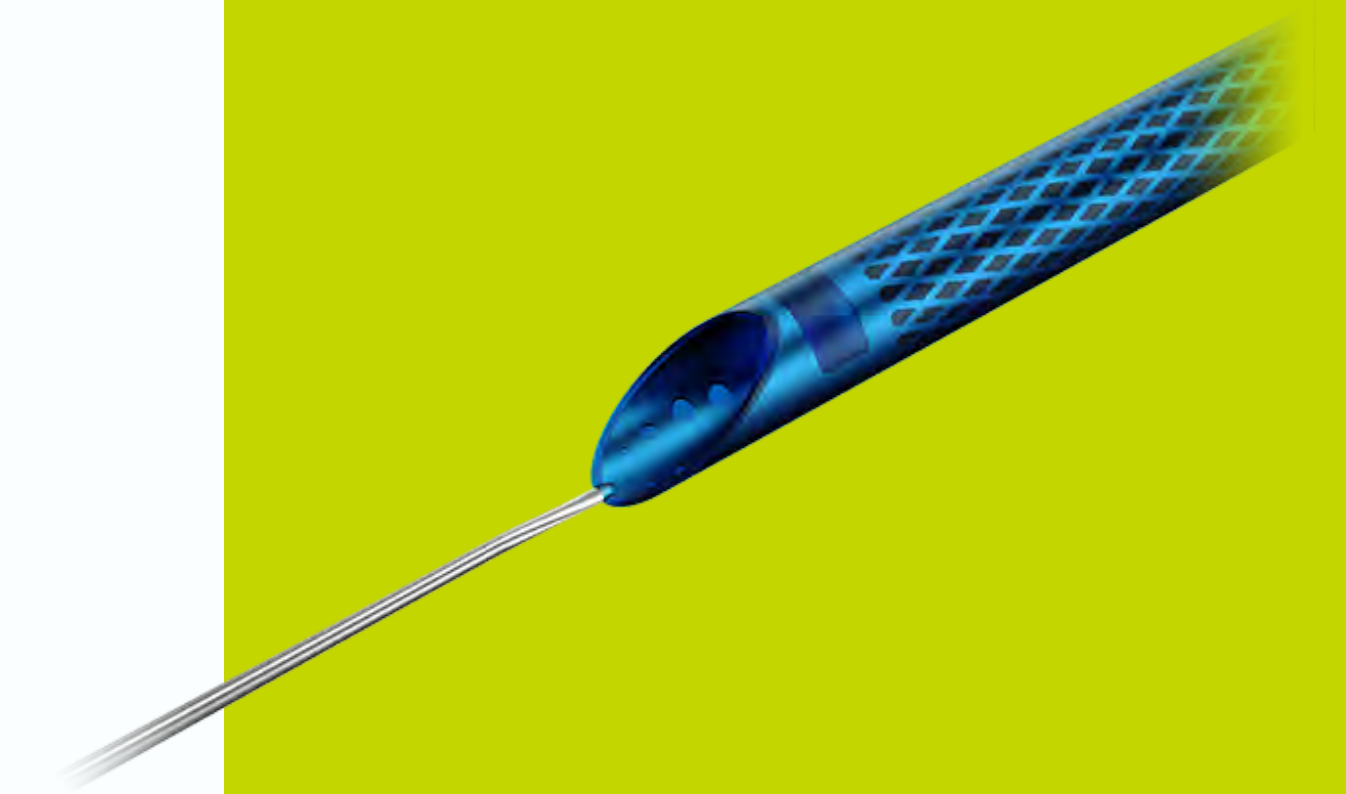
CATALOGUE NO.	FR.	LENGTH
20404001	4	150cm
20405002	4 (SH)	150cm
20505602	4-5Fr (SH)	150cm
20505603	5	150cm
20505604	5 (SH)	150cm
20606603	6	150cm
20606604	6 (SH)	150cm

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EXPRESSMAN™ GUIDING EXTENSION CATHETER

Expressman™ Guiding Extension Catheter with stainless steel braided structure and 35cm rapid exchange segment provides increased support and smooth delivery for your Complex PCI procedure.



FEATURES

Unique side holes design for your complex PCI practice

- Auxiliary pathway while treating complex or distal long lesions
- 4 side holes in 90 degrees spatial distribution

True one-piece design provides safer operation support

- Double welded design to connect tighter for safer transportation

35cm rapid exchange section

- Facilitating stent delivery across long lesion
- Reduce resistance during delivery
- Hydrophilic coating reduces resistance when advancing in tortuous anatomy

Metal mesh braided layer

- Offers excellent deliverability and pushability

Soft radiopaque tip

- Unbraided Tip of soft pebax ensures safety

EXPRESSMAN™ GUIDING EXTENSION CATHETER



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SNIFFER™ ASPIRATION CATHETER

Sniffer™ Aspiration Catheter is a rapid exchange type catheter that features a big lumen and superior pushability and trackability designed for removing thrombus effectively and rapidly in the coronary.



ORDERING INFORMATION



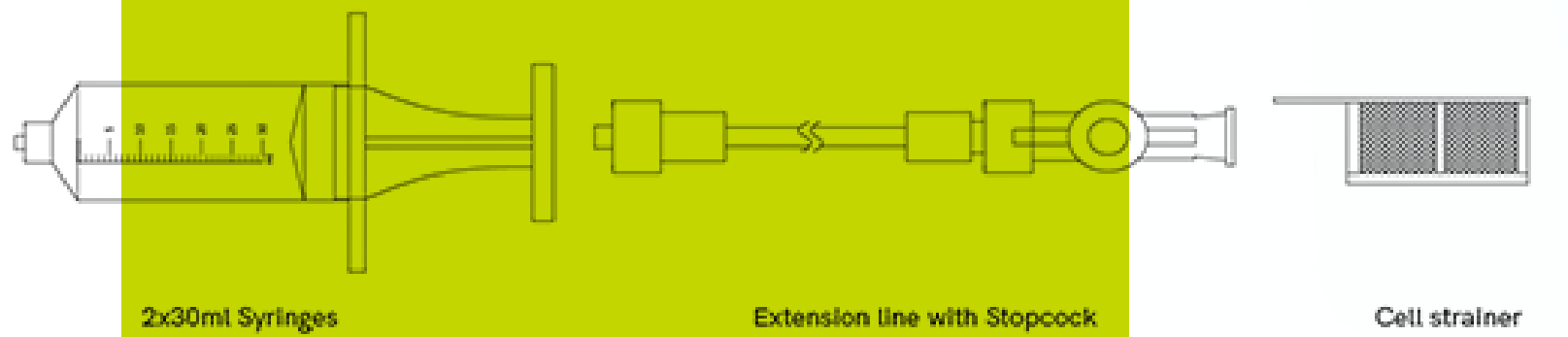
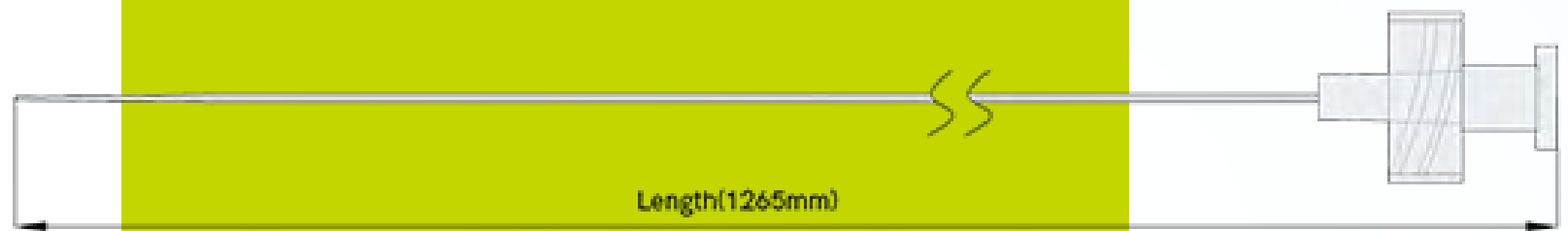
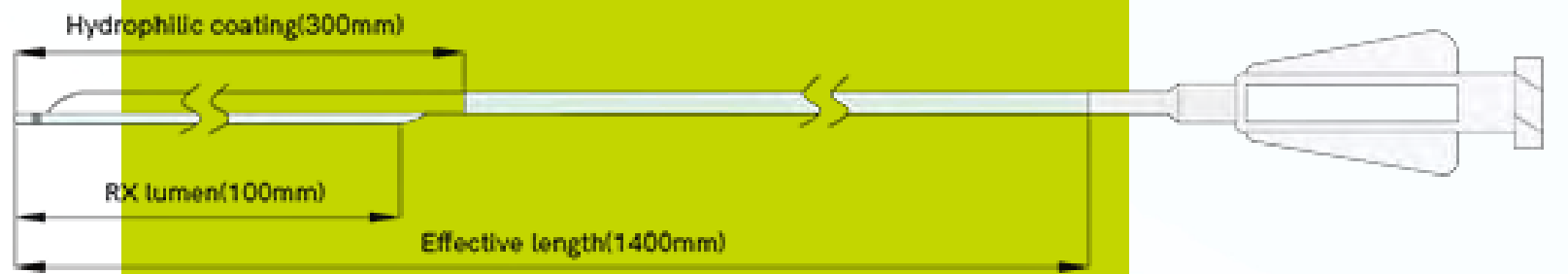
CATALOGUE NO.	FR.	LENGTH	GUIDEWIRE
65654402	6	135cm	Lumen
65654408	6	135cm	Lumen-2SH
65654430	6	135cm	Lumen
65654432	6	135cm	Lumen-2SH

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SNIFFER™ ASPIRATION CATHETER FEATURES

FEATURES



Large Circular Aspiration Lumen to Improve Efficiency

- Improved thrombus removal capability ensures fast and stable suction
- Excellent thrombus-aspiration capability

Optimal Pushability and Kink Resistance

Removable Preloaded Stylet

- Enhanced stiffness of the shaft provides excellent kind resistance, trackability and pushability

Optimized Tip Design

- Atraumatic round tip design to minimize possible damage on vessels.
- 6mm short tip to increase catheter crossability over tortuous anatomy
- Platinum marker provides reliable fluoroscopic visibility

Three Guidewire Lumen Lengths Available

- 50/100/200mm guidewire lumen length to meet different clinic

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ORDERING INFORMATION

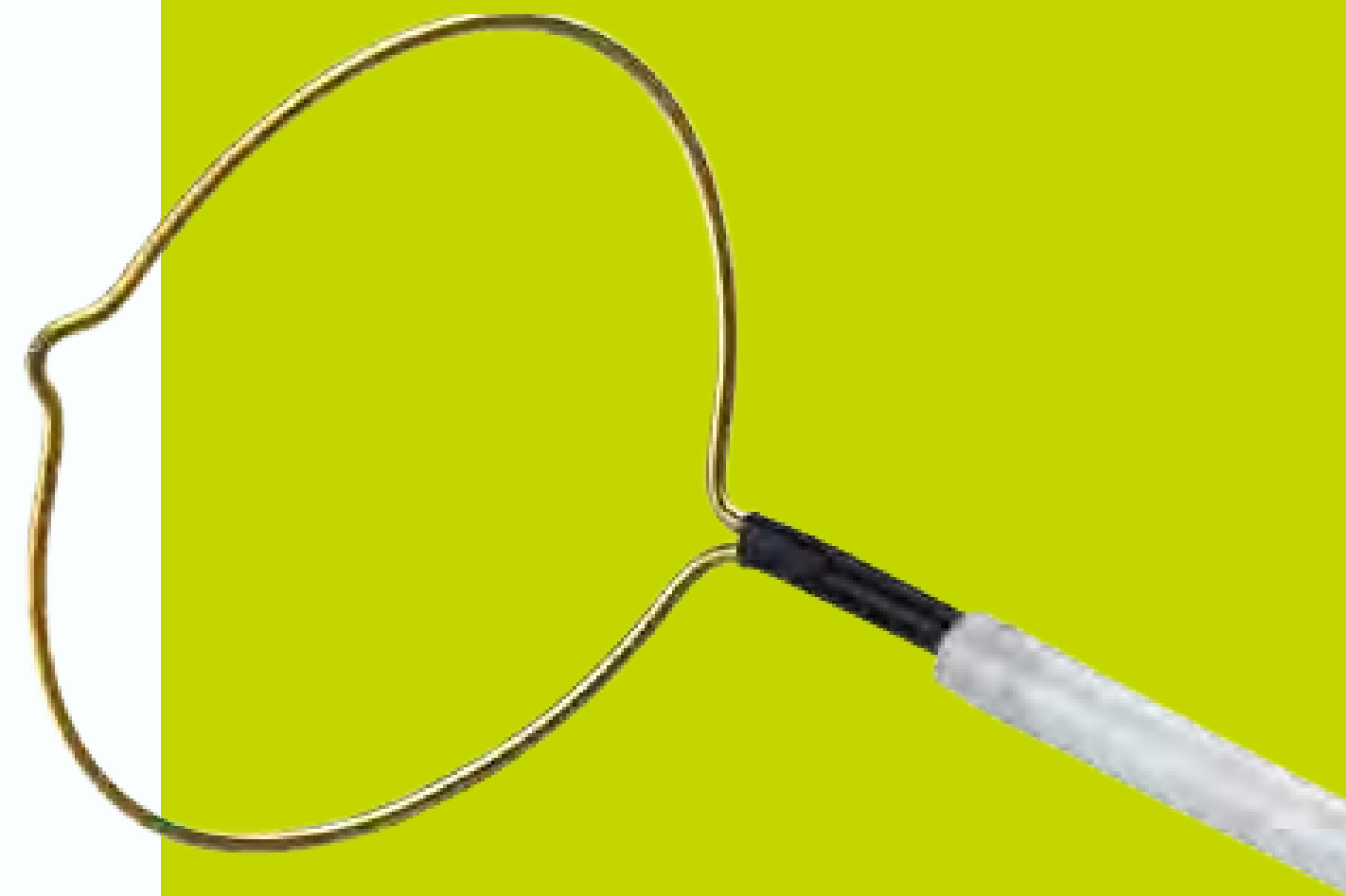
CATALOGUE NO.	FR.	LENGTH	DIAMETER
LTS-SG-05	4	120cm	5mm
LTS-GS-10	4	120cm	10mm
LTS-GS-15	6	120cm	15mm
LTS-GS-20	6	120cm	20mm
LTS-GS-25	6	120cm	25mm
LTS-GS-30	6	120cm	30mm
LTS-GS-35	6	120cm	35mm

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SEQUIRE™ SNARE SYSTEM

Titanium Nitride Coated Tungsten Loop



FEATURES

- Increased biocompatibility
- Enhanced fracture resistance
- Excellent radiopacity
- Excellent shape supporting and distal shaft control ability
- Flexible Nitinol shaft provides Kink Resistance and 1:1 Torque control
- 90° angle between Loop and Shaft makes manipulation and retrieval more simple
- Radiopaque marker at distal tip of catheter provides excellent Fluoroscopic visualization
- A wide range of usage for clinical procedures



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Accessories.

ENLARGER™ INFLATION DEVICE

Enlarger™ is designed to provide precise and reliable inflation control, to enhance procedural efficiency. Its advanced features and user-friendly design make it an excellent tool in interventional procedures.



ORDERING INFORMATION

CATALOGUE NO.	VOLUME (ml)	PRESSURE (atm/psi)	STOPCOCK
192030S	20	30/440	Yes
192030	20	30/440	No

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ENLARGER™ INFLATION DEVICE

FEATURES



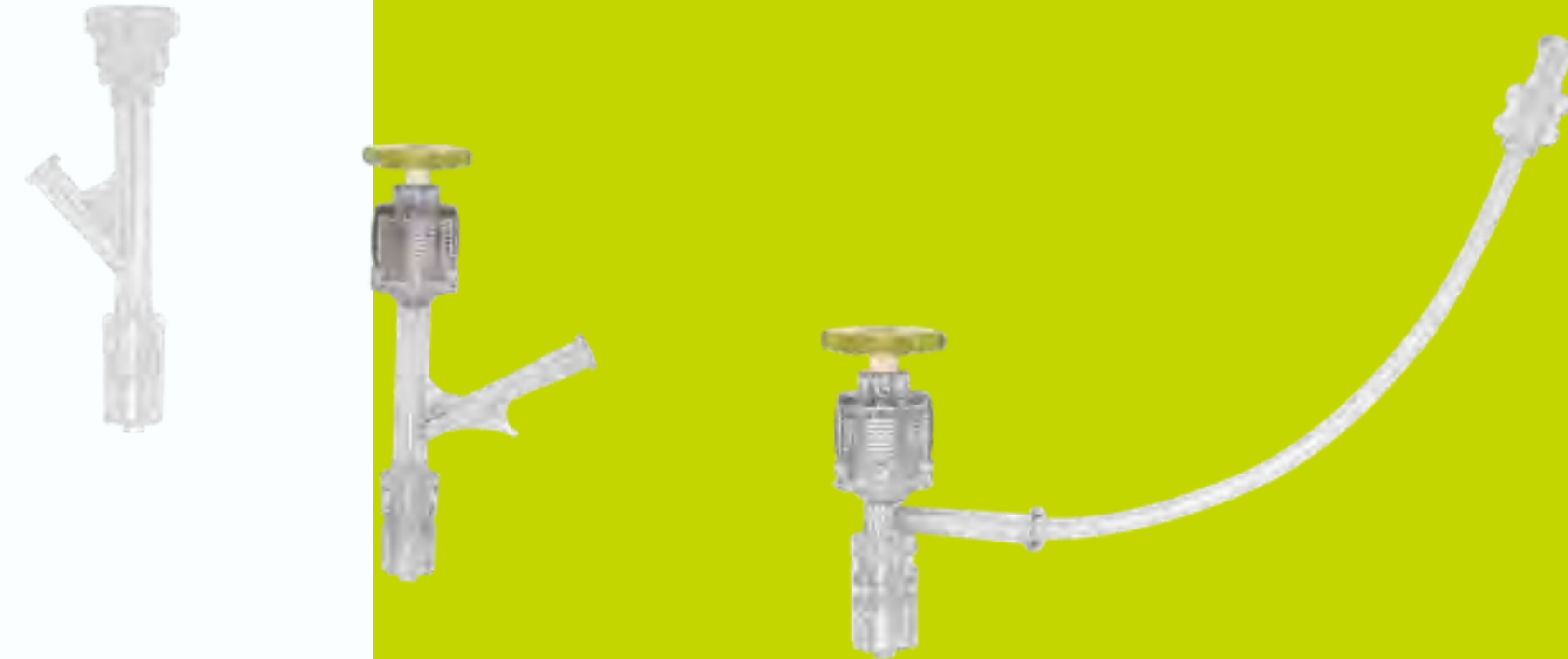
- Ergonomic handle design for quick and easy inflation control
- Glow-in-the-dark pressure gauge for viewing in low-light environments
- 20ml syringe and 30atm max pressure fit all your dilatation procedures

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ORDERING INFORMATION

CATALOGUE NO.	ITEM
18891200	SealingPro™ Y-Connector II
18821200	SealingPro™ Y-Connector I
18601100	SealingPro™ Y-Connector III



SEALINGPRO™ Y CONNECTOR

Assisting the delivery of catheters and guidewires, and the side branches can be injected with contrast agents, drugs or saline, for pressure monitoring or connection to other interventional devices.

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FEATURES

Push to Unlock, Pull to Lock

- Easy to operate and good hemostasis with safe valve to lock/open.

Nominal ID: 10F

- Big lumen for device delivery

Ultra Short Type

- Ensure the sufficient extension length of the devices in the vessel.

High Pressure Endurance

- Maximum 800psi by safe valve.



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Vena **C**ava Filter.

AEGISY VENA CAVA FILTER

The Aegisy™ Vena Cava Filter is designed for percutaneous delivery into inferior vena cava (IVC) via the femoral or jugular approach under fluoroscopy or ultrasound guidance to offer protection from PE by capturing blood clots in DVT patients.



ORDERING INFORMATION

CATALOGUE NO.	SIZE
XJLX3260	32mm

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AEGIS VENA CAVA FILTER

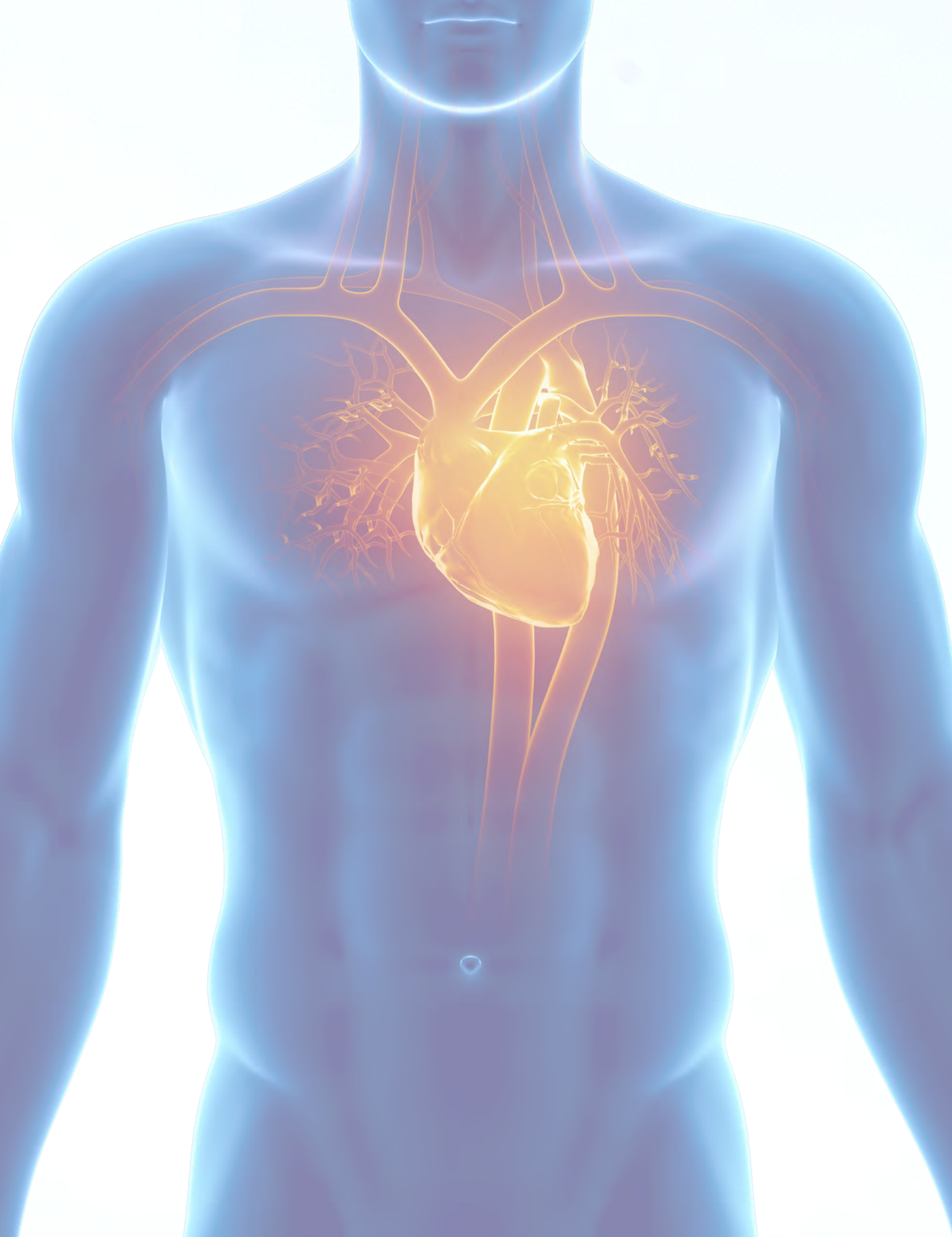


FEATURES

- Precisely Controlled Release
- Outstanding Filtration Capability
- Desirable IVC Patency Rate
- Dual Access - Jugular or Femoral
- Easy to Retrieve (As Retrievable Filter)
- Safe and Reliable

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03 ELECTROPHYSIOLOGY.

Sheaths

- Safesheath II Peelaway Sheath for Pacing
- Safesheath II Long Peelaway Sheath for Pacing
- Transseptal Needle and Sheaths PTFE
- Transseptal Needle and Sheaths Hydrophilic
- Transseptal Needles and Guidewires

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Catheters

Diagnostic - Fixed Curve

- Quadripolar Fixed Curve Mapping Catheters
- Decapolar Fixed Curve Mapping Catheters
- DuoDecapolar Fixed Curve Mapping Catheters

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103
103

Diagnostic - Steerable

- Quadripolar Steerable Mapping Catheters
- Decapolar Steerable Mapping Catheters
- Duo Decapolar Steerable Mapping Catheters

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105
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Therapeutic - Dry Tip Ablation Catheters for Non-Mapping and 3D Mapping Systems

- **Thermocouple Steerable Ablation Catheters** 108
- **Thermistor Steerable Ablation Catheters** 108
- **Cerablate Steerable Ablation Catheters** 110
- **Cerablate Gold Steerable Ablation Catheters** 112
- **Irrigated Radiofrequency Ablation Catheters** 114
- **Cerablate Cool Steerable Irrigated Ablation Catheters** 116

Cables

Diagnostic

- Cable for Quadripolar Fixed Curve Mapping Catheter
- Cable for Quadripolar Steerable Mapping Catheter
- Cable for Decapolar, Duodecapolar Mapping Catheter

CONTENTS

Therapeutic

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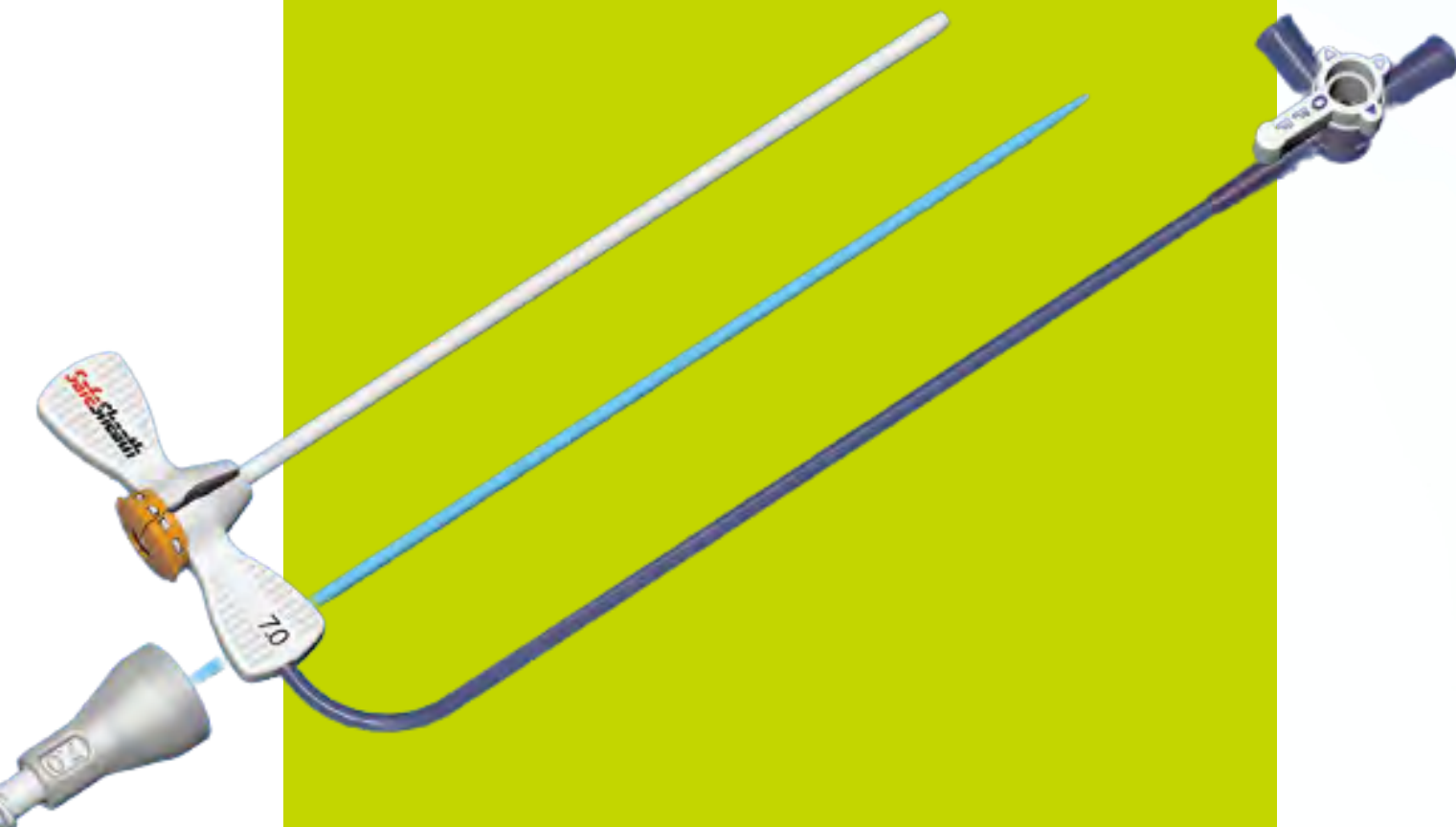
- Cable for EPT-THR Type Compatible Only
- Cable for Abbott IBI-1500T Series-THR&TC compatible
- Cable for Abbott Ampera-THR compatible only
- Cable for Medtronic Atakr-THR&TC compatible
- Cable for MAESTRO4000-THR type compatible only
- Cable for SmarAblate-THR &TC type compatible
- Cable for Abbott IBI-1500T Series-THR&TC compatible
- Cable for Abbott Ampera-THR compatible only



Sheaths.

SAFESHEATH II STANDARD AND LONG Hemostatic Peel-away Introducer system for Vascular Access

With low insertion/withdrawal force lubricated valve, ergonomically-designed, easy-splitting hub, extruded score line sheath, infusion side port and snap-fit dilator



Each Safesheath II Introducer System Kit includes:

- One tear-away sheath w/side port
- One dilator
- One 18g needle
- One 10cc syringe
- One guidewire (Standard - 50cm / Long - 60cm)
- Five (5) kits per box

ORDERING INFORMATION

CATALOGUE NO.	FR.	LENGTH
SS6	6	13cm
SS7	7	13cm
SS8	8	13cm
SS85	8.5	13cm
SS9	9	13cm
SS95	9.5	13cm
SS10	10	13cm
SS105	10.5	13cm
SS11	11	13cm
SS12	12	13cm
SS125	12.5	13cm

CATALOGUE NO.	FR.	LENGTH
SSL6	6	23cm
SSL7	7	23cm
SSL8	8	23cm
SSL9	9	23cm
SSL10	10	23cm
SSL105	10.5	23cm
SSL11	11	23cm

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SAFESHEATH II STANDARD AND LONG

FEATURES



- Standard 13cm length and 23cm Long model for access beyond the right subclavian-SVC junction
- Extruded score line peel-away sheath for clean, even peel
- Longer, smoother sheath tip to dilator transition for ease during sheath insertion
- Lubricated hemostatic valve with low insertion and withdrawal forces yields greater control during lead manipulation, reducing risk of blood loss and air embolism
- Convenient sideport for infusion and contrast injection
- Wide range of French sizes
- French size printed on handle and indicated by color-coded introducer cap
- Elastomer snap-locking dilator connector with French size embossed on handle
- Ergonomic, easy-splitting break-away hub

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BRAIDIN™ CROSS TRANSSEPTAL NEEDLE AND SHEATH

Braidin™ Cross transseptal sheath with stainless steel braided structure facilitates superior kink resistance and curve durability even in a long time procedure, smooth transition between the sheath and dilator makes puncture easier, multiple options of the curves available allows you to choose freely for different clinical needs.

The transseptal needle combined with a plastic handle is an economical and effective option for superior tactile, crossability and visualization of orientation during the transseptal puncture.



ORDERING INFORMATION

CATALOGUE NO.	TRANSSEPTAL SHEATH			PTFE GUIDEWIRE		
	FR.	LENGTH (CM)	CURVE	DIAMETER	LENGTH (CM)	CURVE
94080627	8	62	T0	0.032"	180	3MMJ
94085624	8.5	62	T0	0.032"	180	3MMJ
94085804	8	80	T0	0.032"	180	3MMJ
94085805	8.5	80	T1	0.032"	180	3MMJ
94080628	8	62	T1	0.032"	180	3MMJ
94085625	8.5	62	T1	0.032"	180	3MMJ
94080604	8	60	T2	0.032"	180	3MMJ
94120607	12	60	T2	0.032"	180	3MMJ
94085626	8.5	62	T3	0.032"	180	3MMJ
94100606	10	60	T3	0.032"	180	3MMJ

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ORDERING INFORMATION

CATALOGUE NO.	TRANSSEPTAL SHEATH			HYDROPHILIC		
	FR.	LENGTH (CM)	CURVE	DIAMETER	LENGTH (CM)	CURVE
94080620	8	62	T0	0.032"	180	3MMJ
94085620	8.5	62	T0	0.032"	180	3MMJ
94080800	8	80	T0	0.032"	180	3MMJ
94080803	8	80	T1	0.032"	180	3MMJ
94080623	8	62	T1	0.032"	180	3MMJ
94085621	8.5	62	T1	0.032"	180	3MMJ
94080452	8	45	T2	0.025"	150	3MMJ
94080602	8	60	T2	0.032"	180	3MMJ
94080624	8	62	T3	0.032"	180	3MMJ
94085623	8.5	62	T3	0.032"	180	3MMJ
94080804	8	80	T3	0.032"	180	3MMJ

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BRAIDIN™ CROSS TRANSSEPTAL NEEDLE AND SHEATH

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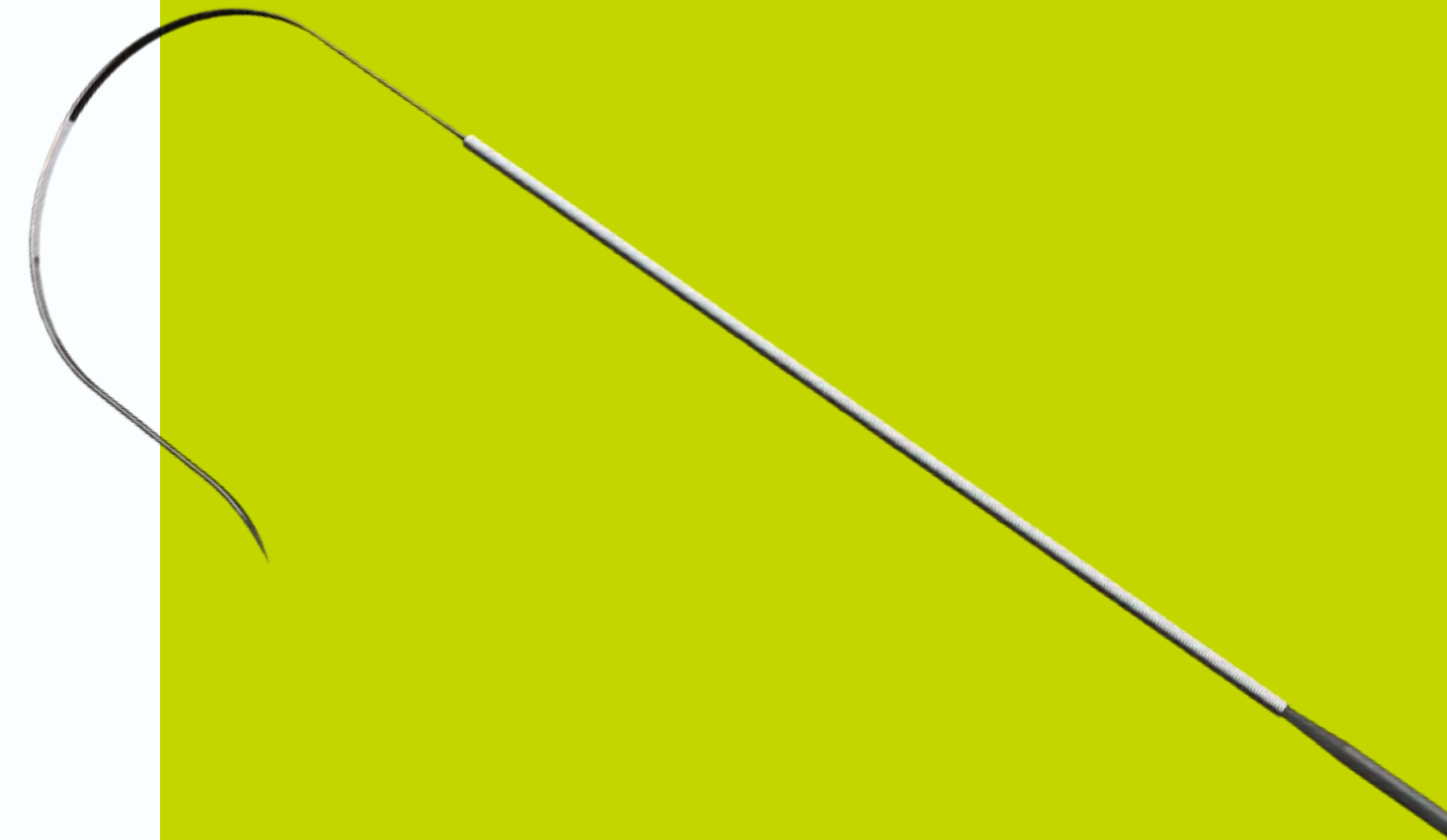
The transseptal needle combined with a plastic handle is an economical and effective option for superior tactile, crossability and visualization of orientation during the transseptal puncture.





SAFESEPT® TRANSSEPTAL GUIDEWIRE

The very sharp tip of the SafeSept® requires less force than a conventional transseptal needle to cross the interatrial septum, making access easier, especially in difficult or previously failed cases, improving the safety of whatever introducer system you are currently using.



ORDERING INFORMATION

CATALOGUE NO.	TRANSSEPTAL NEEDLES		
	DIAMETER	LENGTH (CM)	CURVE
94190560	19G	56	NO
94180710	18G	71	NO
94180890	18G	89	NO
94190561	19G	56	N1
94180711	18G	71	N1
94180891	18G	89	N1

CATALOGUE NO.	TRANSSEPTAL GUIDEWIRES	
	DIAMETER	LENGTH (CM)
SS135	0.035"	135
SS135-1	0.035"	135

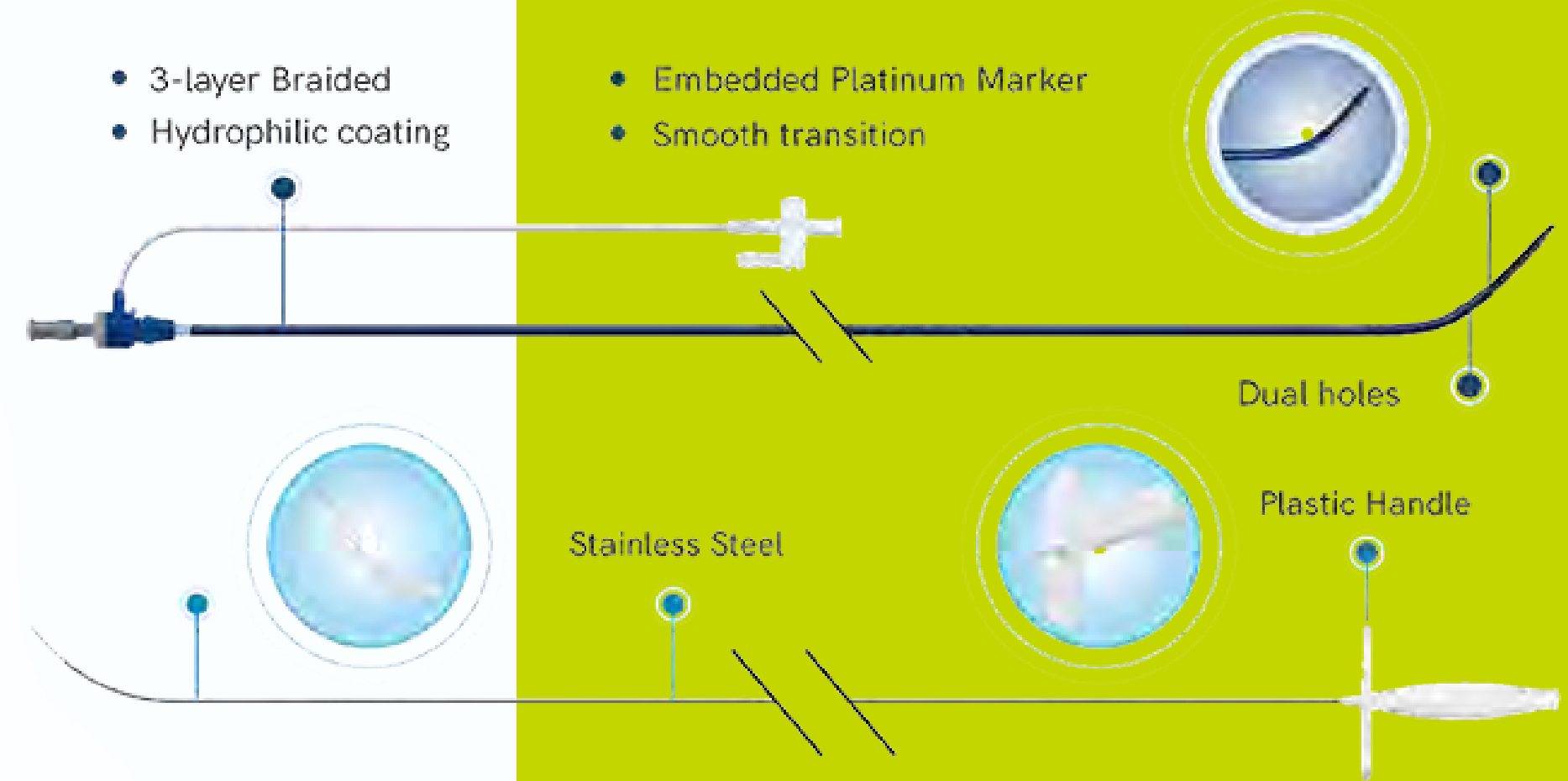
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BRAIDIN™ CROSS TRANSSEPTAL NEEDLE AND SHEATH

FEATURES

- Nylon elastic material of sheath ensures stable curve of the sheath
- Braided sheath for better pushability and torqueability
- PTFE inner layer of sheath enhances smooth delivering of the catheter
- Smooth transition between the sheath, dilator, needle reduces the friction during puncture
- Special plastic injection molding handle ensures its flexibility and reliability



HLC-Medical (Pty) Ltd

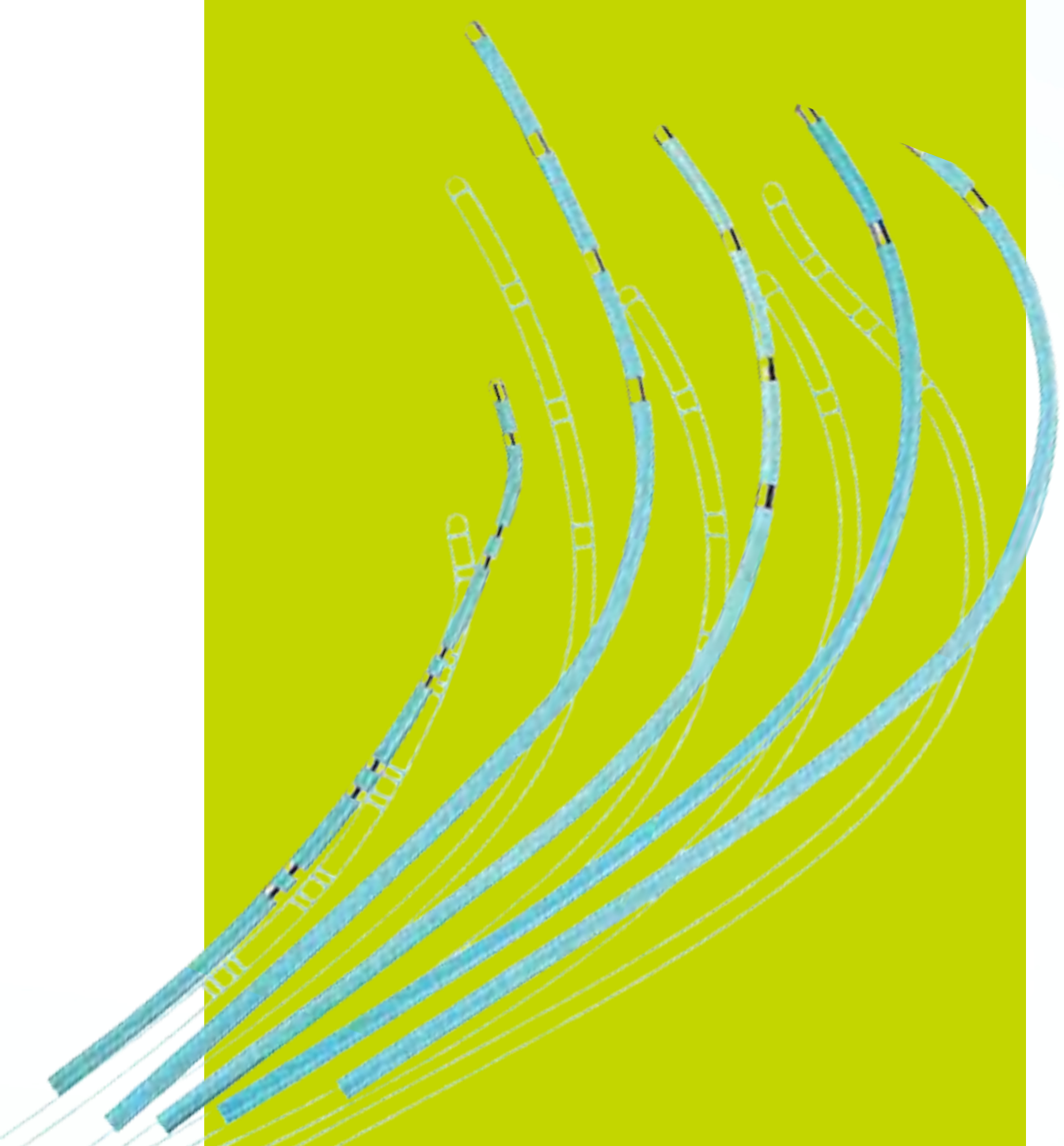
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Catheters.

TRIGUY™ FIXED CURVE MAPPING CATHETER

HLC-Medical diagnostic catheters with braided shaft provide superior pushability and torqueability, platinum-iridium electrodes offer stable and high-quality signal to improve the efficiency of mapping.



ORDERING INFORMATION

QUADRIPOlar				
CATALOGUE NO.	FR.	SPACING (MM)	LENGTH (MM)	CURVE
901442	5	2-5-2	1200	RVA
901432	5	10	1200	RVA
901438	5	5	1200	RVB
901441	5	2-5-2	1200	MPA
901457	6	2-5-2	1200	RVA
901326	6	2-8-2	1200	RVA
901452	6	5	1200	RVA
901447	6	10	1200	RVA
901453	6	5	1200	RVB
901456	6	2-5-2	1200	MPA
901451	6	5	1200	MPA
901450	6	5	1200	MPB

DECAPOlar				
CATALOGUE NO.	FR.	SPACING (MM)	LENGTH (MM)	CURVE
900441	4-3.3	2	1200	S
900436	4-3.3	2-8-2	1200	S
900442	4-3.3	5	1200	S
901526	5	2-5-2-5-2	1200	CS
901534	6	2-5-2-5-2	1200	MPA
901542	6	2-5-2-5-2	1200	CS
901532	6	2-8-2-8-2	1200	CS

DUODECAPOlar				
CATALOGUE NO.	FR.	SPACING (MM)	LENGTH (MM)	CURVE
900450	4-3.3	2-5-2	1200	S
900453	4-3.3	5	1200	S

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TRIGUY™ FIXED CURVE MAPPING CATHETER

FEATURES

- Smooth electrode-shaft transition allows tight and stable contact to the myocardial wall, to provide reliable signal acquisition
- Braided shaft provides excellent pushability and torqueability
- Safety wire provides additional protection for tip electrode
- Various curves available for HRA, CS, HIS, and RV mapping

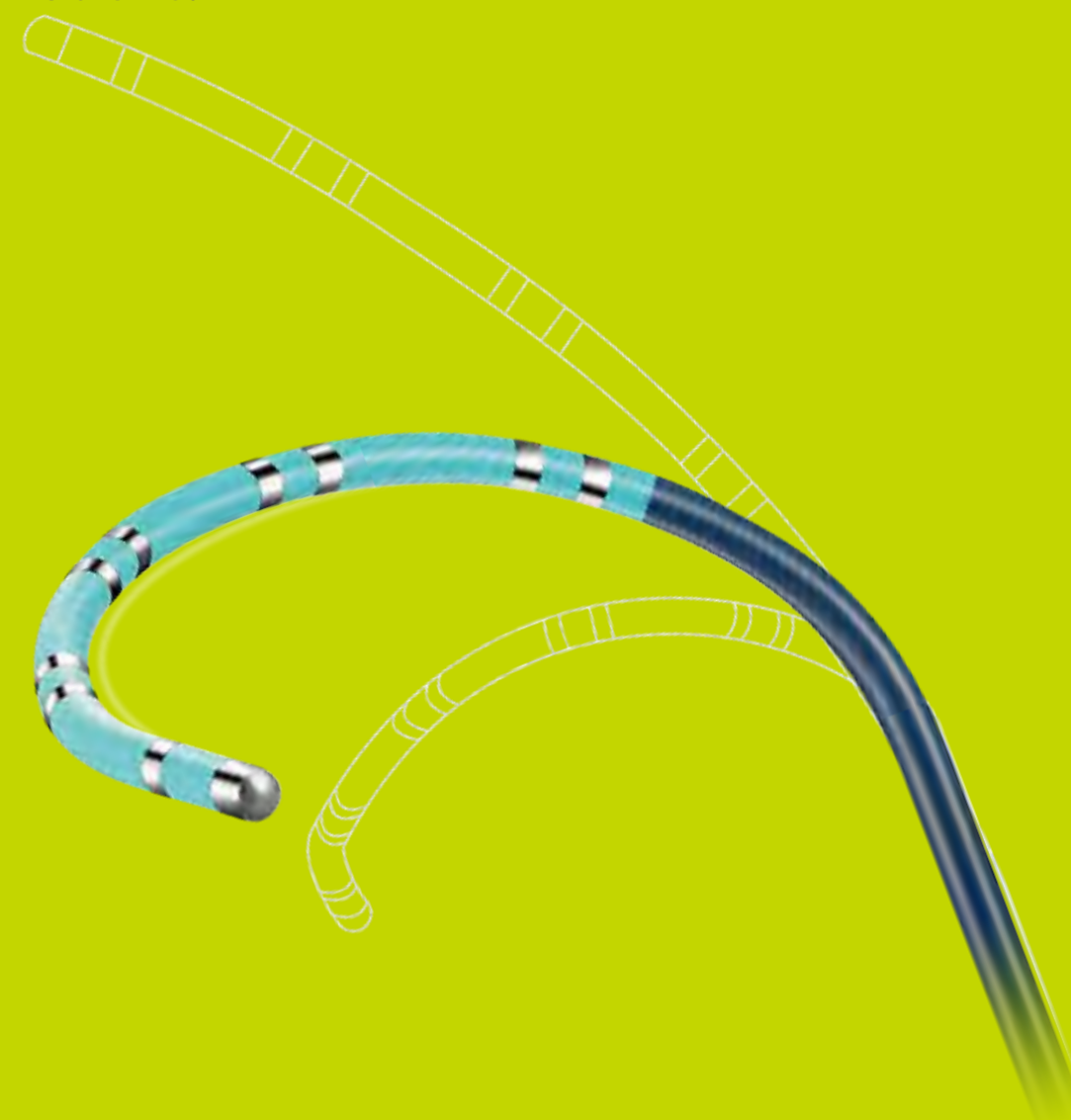
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SINUSFLEX™ STEERABLE DECAPOLAR MAPPING CATHETER

SinusFlex™ decapolar catheter with the patented spatial curve for easy access to Coronary Sinus Ostium (CSO) offers effective and reliable CS mapping. It significantly simplifies CS catheter placement, especially dealing with anatomical variations.



ORDERING INFORMATION

QUADRIPOLAR				
CATALOGUE NO.	FR.	SPACING (MM)	LENGTH (MM)	CURVE
901604	5	5	1100	MPD-S
900212	5	5	1100	MPD-CS-L
900230	6	2	1100	MPD-CS-M
900231	6	2	1100	MPD-CS-L
900240	6	2-5-2	1100	MPD-CS-L
901614	6	5	1100	MPD-S

DECAPOLAR				
CATALOGUE NO.	FR.	SPACING (MM)	LENGTH (MM)	CURVE
901664	6	2-5-2	1100	MPD-6
901666	6	2-5-2	1100	MPD-S
901743	6	2-5-2	1100	MPD-CS-L
910016	6	2-8-2	1100	MPD-G
901667	6	2-8-2	1100	MPD-S
901742	6	2-8-2	1100	MPD-CS-M
901745	6	2-8-2	1100	MPD-CS-M
901746	6	2-8-2	1100	MPS-CS-L
901642	7	4-4-4	1100	PV15
901643	7	5-5-5	1100	PV18
901644	7	6-6-6	1100	PV21

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ORDERING INFORMATION

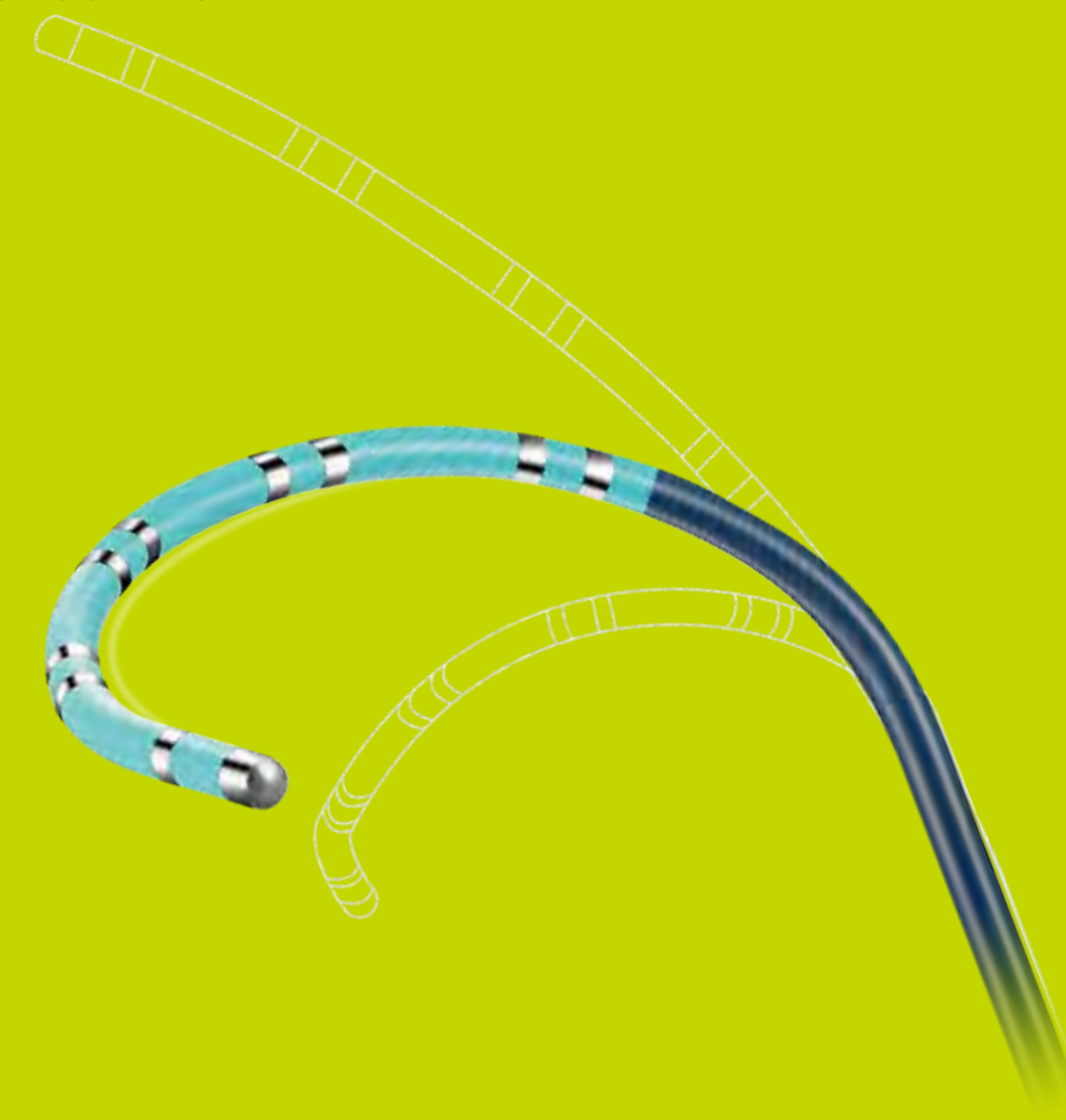
DUODECAPOLAR				
CATALOGUE NO.	FR.	SPACING (MM)	LENGTH (MM)	CURVE
901402	6	2-8-2	1100	MPD-L
901398	6	2-10-2	1100	MPD-L
901670	6	2-10-2	1100	MPD-H
901673	6	2-8-2	1100	MPD-H
901409	7	2-8-2	1000	MPD-L
901683	7	2-8-2	1000	MPD-H
901406	7	2-10-2	1000	MPD-L
901680	7	2-10-2	1000	MPD-H

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SINUSFLEX™ STEERABLE DECAPOLAR MAPPING CATHETER

SinusFlex™ decapolar catheter with the patented spatial curve for easy access to Coronary Sinus Ostium (CSO) offers effective and reliable CS mapping. It significantly simplifies CS catheter placement, especially dealing with anatomical variations.



FEATURES

- Patented spatial curve makes it easier to access to CSO
- Smooth transition between electrodes and catheter provides superb quality signal
- Various stiffness design provides a good balance of safety and support
- Stainless steel braided structure offers excellent pushability and torqueability
- Suitable for femoral vein approach, reducing the radiation exposure to physicians and avoids complication inducing by SVC approaching

HLC-Medical (Pty) Ltd

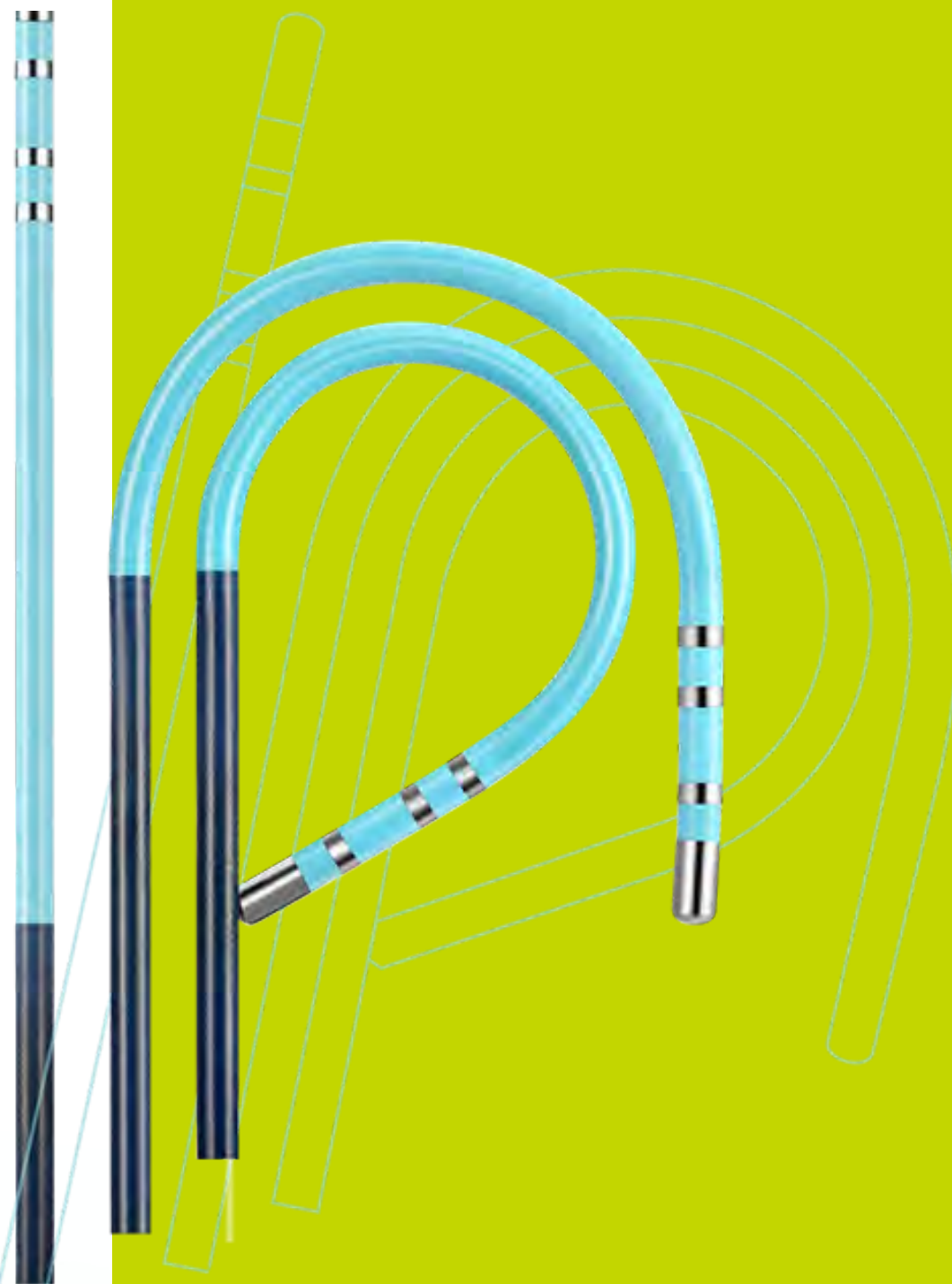
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SINUSFLEX™ STEERABLE DECAPOLAR MAPPING CATHETER



TRIGUY™ STEERABLE ABLATION CATHETER

HLC-Medical's Triguy™ ablation catheters, with braided shaft, provide superior support and torqueability, deflection range up to 270° to reach challenging anatomy easier that ensure more efficient operation.



ORDERING INFORMATION

THERMOCOUPLE					
CATALOGUE NO.	FR.	SPACING (MM)	TIP ELECTRODE (MM)	LENGTH (MM)	CURVE
902132	7	2-5-2	4	1100	D
902136	7	2-5-2	4	1100	F

THERMISTOR					
CATALOGUE NO.	FR.	SPACING (MM)	TIP ELECTRODE (MM)	LENGTH (MM)	CURVE
902463	5	2-5-2	4	1100	B
902155	6	2-5-2	4	1100	B
902174	7	2-5-2	4	1100	D
902179	7	2-5-2	4	1100	B
902186	7	2-5-2	4	1100	F

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TRIGUY™ STEERABLE ABLATION CATHETER

FEATURES

- Outstanding deflection range up to 270° provides superior maneuverability to reach challenging anatomy.
- Precise thermocouple and thermistor guarantee the accurate temperature measurement.
- Available for 4mm and 8mm tip electrodes.

HLC-Medical (Pty) Ltd

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ORDERING INFORMATION

CATALOGUE NO.	FR.	SPACING (MM)	LENGTH (MM)	CURVE
283092	7	1-4-1	80	SIGMA
283093	7	1-4-1	80	SIGMA
283094	7	1-4-1	80	SIGMA
283086	7	2-2-2	80	CLASSIC
283087	7	2-2-2	80	CLASSIC
283088	7	2-2-2	80	CLASSIC

CERABLATE® EASY / CERABLATE® EASY TC STEERABLE RF ABLATION AND MAPPING CATHETER with integrated Temperature Sensor

CERABLATE® easy is a steerable ablation catheter designed for radiofrequency ablation of cardiac tachyarrhythmias. With its 4mm platinum tip and its precise steering mechanism it is ideally suited both for standard and complex ablations.



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FEATURES

- Superior handling characteristics
- Precise, smooth movement of the curve setting
- Excellent torque control
- Optimal curve stability
- Very good x-ray visibility
- Excellent temperature response
- Compatible with all commonly available radio frequency generators for cardiac arrhythmia ablation

HLC-Medical (Pty) Ltd

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**CERABLATE® EASY /
CERABLATE® EASY TC
STEERABLE RF ABLATION
AND MAPPING CATHETER**
with integrated Temperature Sensor



CERABLATE FLUTTER® STEERABLE ABLATION CATHETER WITH 8 MM GOLD-TIP

CERABLATE Flutter® is especially designed for the treatment of atrial flutter. The large 8mm gold-tip allows for particularly fast and efficient lesion formation while improving patient safety due to reduced thrombus formation



ORDERING INFORMATION

CATALOGUE NO.	FR.	SPACING (MM)	LENGTH (MM)	CURVE
283110	7	2-5-2	1100	CLASSIC
283111	7	2-5-2	1100	CLASSIC
283112	7	2-5-2	1100	CLASSIC
283113	7	2-5-2	1100	CLASSIC
283114	7	2-5-2	1100	CLASSIC
283115	7	2-5-2	1100	CLASSIC

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**CERABLATE
FLUTTER®
STEERABLE ABLATION
CATHETER
WITH 8 MM GOLD-TIP**

FEATURES

- Very fast temperature measurement for greatest safety; tip electrode especially designed for fast and deep lesions
- Reduced coagulation formation and reduced ablation time
- Ultra-precise mapping possible due to extra small distance between first and second catheter pole which makes this catheter especially suitable for the Maximum Voltage Guided (MVG) ablation approach



HLC-Medical (Pty) Ltd

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ORDERING INFORMATION

CATALOGUE NO.	FR.	SPACING (MM)	TIP ELECTRODE (MM)	LENGTH (MM)	CURVE
902309	7	2-5-2	4	1100	B THERMISTOR COOL TIP
902310	7	2-5-2	4	1100	D THERMISTOR COOL TIP
902311	7	2-5-2	4	1100	F THERMISTOR COOL TIP
902302	7	2-5-2	4	1100	D THERMOCOUPLE COOL TIP

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TRIGUY™ IRRIGATED ABLATION CATHETER

HLC-Medical ablation catheters with braided shaft provide superior support and torqueability, 6 irrigation holes to reduce the risk of blood clotting and produce deeper lesions, designed for safe and effective outcomes for your patient.



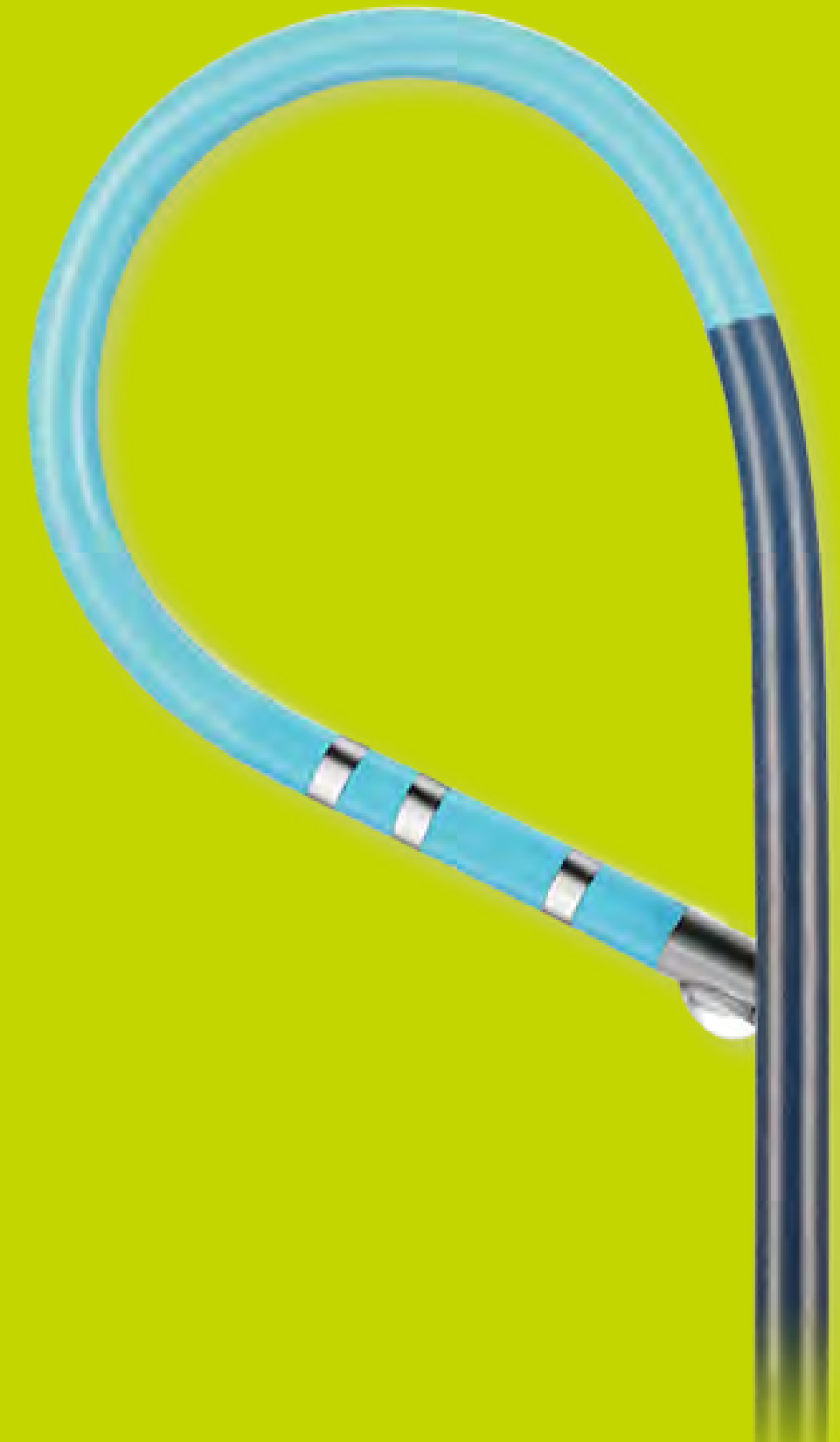
FEATURES

- Ergonomic handle provides better tactile feedback.
- Evenly distributed irrigation flow covers the entire electrode surface, minimizing the risk of thrombosis.
- Precise thermocouple and thermistor guarantee accurate temperature measurement.
- Outstanding deflection range up to 270° provides superior maneuverability to reach challenging anatomy.
- Available for 5F, 6F, 7F, 8F.

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TRIGUY™ IRRIGATED ABLATION CATHETER



CERABLATE COOL® STEERABLE ABLATION CATHETER WITH IRRIGATED GOLD-TIP

CERABLATE cool® is a gold-tipped 4mm irrigated radiofrequency ablation catheter. The patented design of the catheter tip contains 25 irrigation holes that provide highly efficient cooling of the electrode.



ORDERING INFORMATION

CATALOGUE NO.	FR.	SPACING (MM)	LENGTH (MM)	CURVE
283120	7	1-4-1	1100	CLASSIC
283120	7	1-4-1	1100	CLASSIC
283120	7	1-4-1	1100	CLASSIC
283120	7	2-5-2	1100	CLASSIC
283120	7	2-5-2	1100	CLASSIC
283120	7	2-5-2	1100	CLASSIC

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CERABLATE COOL® STEERABLE ABLATION CATHETER WITH IRRIGATED GOLD-TIP

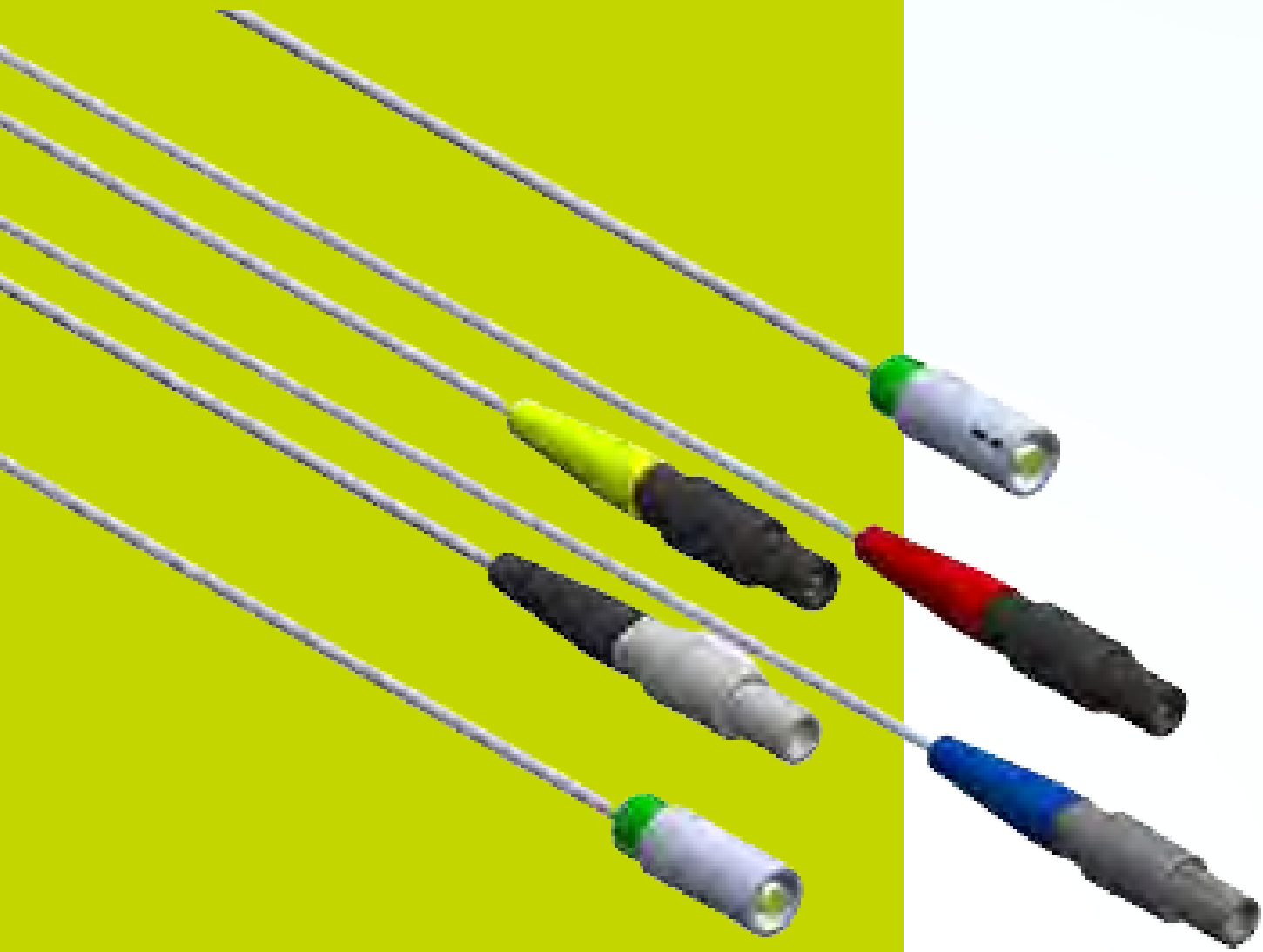
FEATURES

- Due to efficient cooling, the choice of materials used and the overall design, it is possible to create deeper lesions with reduced coagulation formation and higher efficiency



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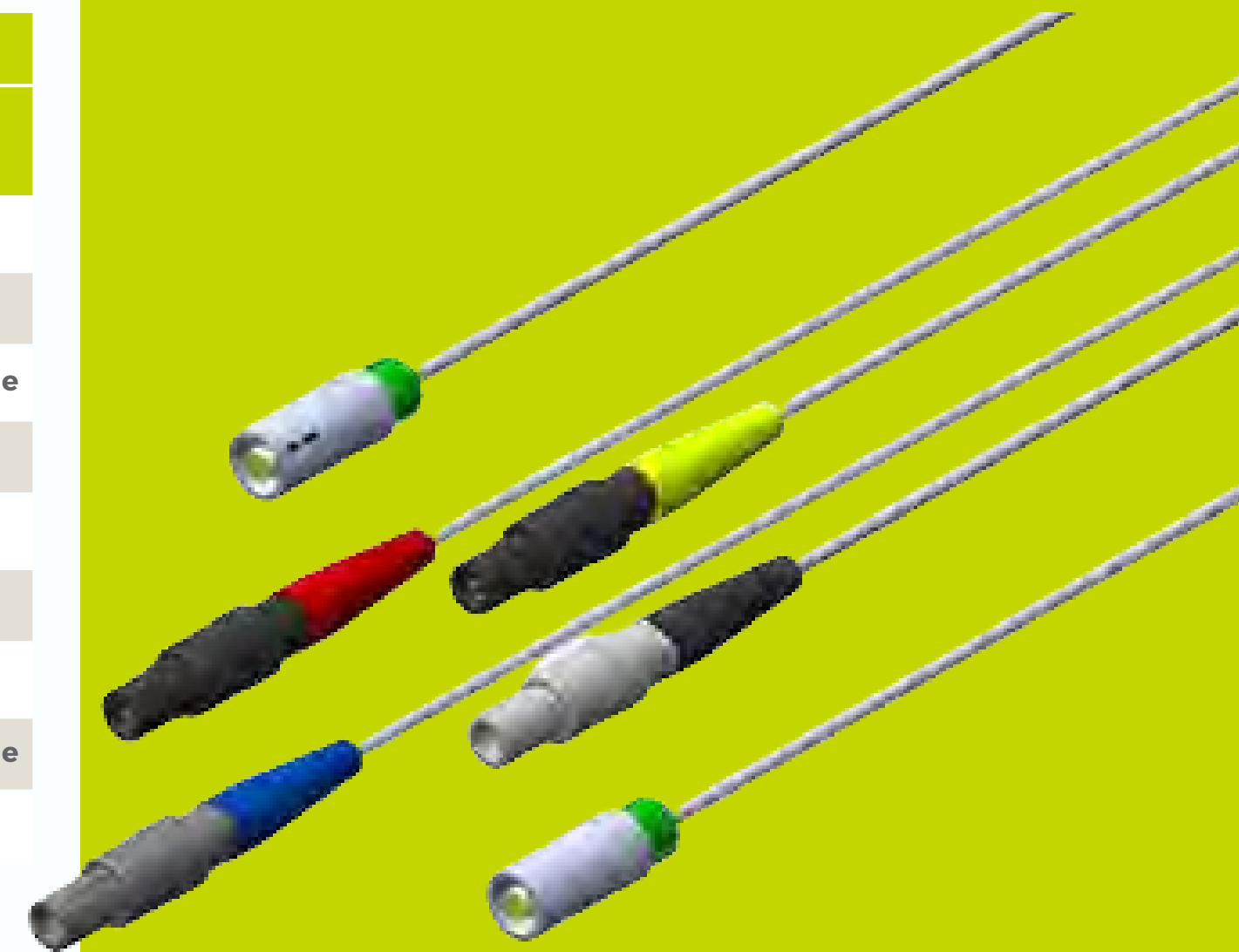
Cables.



ORDERING INFORMATION

DIAGNOSTIC	
CATALOGUE NO.	CABLE
901950	Cable for Quadripolar Fixed Curve Mapping Catheter
901955	Cable for Quadripolar Steerable Mapping Catheter
901957	Cable for Decapolar, Duodecapolar Mapping Catheter

THERAPEUTIC	
CATALOGUE NO.	CABLE
902402	Cable for EPT-THR type compatible only
902404	Cable for Cordis-THR&TC compatible
902406	Cable for Abbott IBI-1500T Series-THR&TC compatible
902406	Cable for Abbott Ampera-THR compatible only
902412	Cable for Medtronic Atakr-THR&TC compatible
902442	Cable for MAESTRO4000-THR type compatible only
902444	Cable for SmartAblate-THR &TC type compatible
902406	Cable for Abbott IBI-1500T Series-THR&TC compatible
902406	Cable for Abbott Ampera-THR compatible only



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04 STRUCTURAL.



Occluders.

KONAR™ MF OCCLUDER

The Konar MF Occluder is a self-expanding, double disc device made from nitinol wire mesh. The two disks are connected by a cone-shaped waist. Each disc has a screw that connects to the delivery cable. PTFE membranes are sewn inside the waist of the four larger models.



ORDERING INFORMATION

CATALOGUE NO.	D DISC DIAMETER (mm)	D2 WAIST DIAMETER LV SIDE (mm)	L WAIST LENGTH (mm)
	10	5	3
	10	6	4
	12	7	5
	12	8	6
	14	9	7
	14	10	8
	16	12	10
	18	14	12

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KONAR™ MF OCCLUDER

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FEATURES



Reducing the Risk of AV Block

- Flexible waist designed for a variety of VSD
- Soft woven mesh provides high conformability to septal defects

Low Profile

- Partnered with 4-7Fr. delivery sheath.
- Slim cable to minimize unwanted damage.

Procedural Flexibility

- Double-sided screw for retrograde and antegrade approach

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CONTACT

South Africa incl. Namibia

Dr Heather Henry-Lines
heather@hl-consulting.co.za
+27 (0) 82 809 8121

Western Cape

Nicky Jacobs
nicky@hlc-medical.co.za
+27 (0) 82 826 2161

Sub Saharan Africa

Rakesh Ramdev
africasales@hlc-medical.co.za
+27 82 931 2544

Gauteng

Jessica Lines
jjessica@hlc-medical.co.za
+27 (0) 60 986 5173

Kwazulu Natal

Natasha Perold
natasha@hlc-medical.co.za
+27 (0) 71 889 7771