



Cordis

DIAGNOSTIC CATHETERS



Our
Brands



Testing
results



Special
Shapes



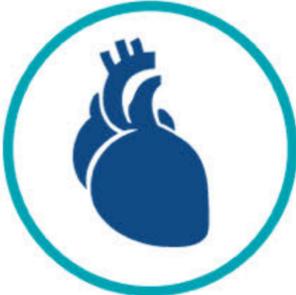
Full
Portfolio

**Brands you trust. Shapes you need.
Quality you expect.**

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OUR BRANDS



Cardiology



Endovascular

CARDIOLOGY

Trusted brands for all working styles.

QUICKCARE INFINITI® 4F

DIAGNOSTIC CATHETER

INFINITI®

DIAGNOSTIC CATHETER

SUPER TORQUE®

DIAGNOSTIC CATHETER

SUPER TORQUE® PLUS

DIAGNOSTIC CATHETER

TEMPO™

DIAGNOSTIC CATHETER

TEMPO™ AQUA

DIAGNOSTIC CATHETER

HIGHFLOW™ 7F

DIAGNOSTIC CATHETER

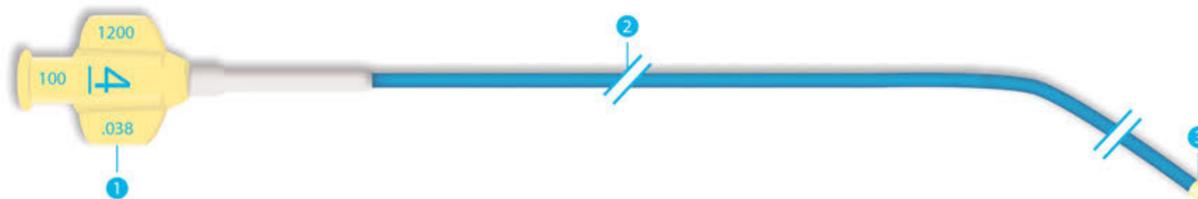


QUICKCARE INFINITI® 4F

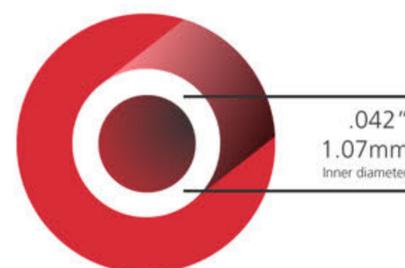
DIAGNOSTIC CATHETER

SMALL ARTERIAL PUNCTURE. LARGE INNER DIAMETER.

- Three segment nylon construction with braided body improves kink resistance and minimizes whip
- Soft radiopaque tip allows atraumatic cannulation and provides enhanced visibility
- Thin wall design enables larger lumen and optimal contrast flow
- TRUELUMEN technology ensures consistent ID from hub to tip



- 1 Catheter French size, length (cm), maximum injection pressure (psi) and guidewire (inches) are stamped on the hub.
- 2 Stainless steel, wire-braided body wrapped with thrombi-resistant material.
- 3 Special atraumatic tip. Catheter tip demonstrates superb shape retention, greater positional stability and is made from a special blend of soft, atraumatic material. All single pack catheters come 5 per box unless stated otherwise.



QUICKCARE INFINITI® 4F

	4F QUICKCARE INFINITI®
Pressure Limit (PSI)	1200
Guidewire Acceptance	0.035"
Flow rate (ml/sec) at Pressure Limit (100 cm catheter)	
- Selectives	16.7
- Pigtailed	16.6

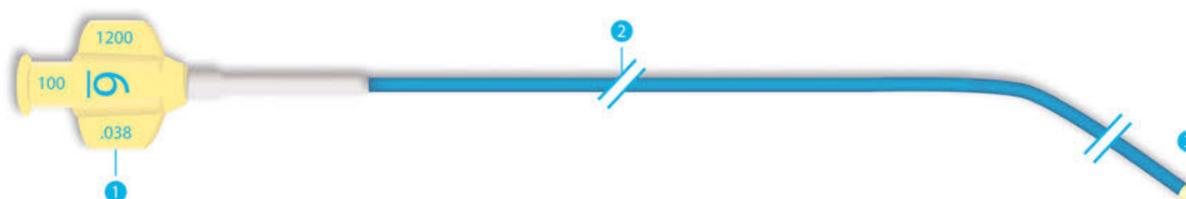


INFINITI®

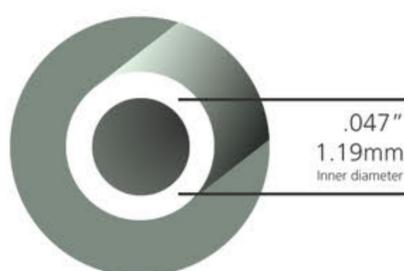
DIAGNOSTIC CATHETER

THE NYLON LARGE LUMEN CATHETER FOR DIRECT RESPONSE.

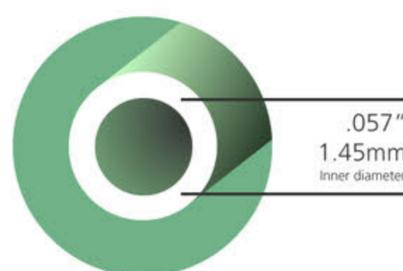
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INFINITI® 5F



INFINITI® 6F

	5F INFINITI®	6F INFINITI®
Pressure Limit (PSI)	1200	1200
Guidewire Acceptance	0.038"	0.038"
Flow rate (ml/sec) at Pressure Limit (100 cm catheter)		
- Selectives	21.3	35.0
- Pigtailed	19.8	32.6

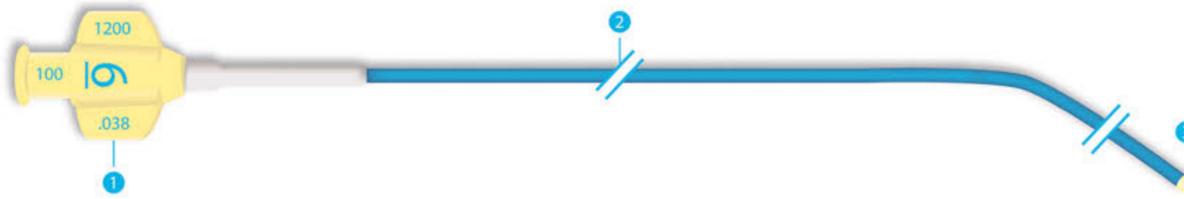


SUPER TORQUE®

DIAGNOSTIC CATHETER

ENHANCES PRECISION. ENABLES EXCELLENT MANEUVERABILITY

- Two segment polyurethane construction with braided body improves kink resistance and minimizes whip



- 1 Catheter French size, length (cm), maximum injection pressure (psi) and guidewire (inches) are stamped on the hub.
- 2 Stainless steel, wire-braided body wrapped with thrombi-resistant material.
- 3 Special atraumatic tip. Catheter tip demonstrates superb shape retention, greater positional stability and is made from a special blend of soft, atraumatic material. All single pack catheters come 5 per box unless stated otherwise.



	SUPER TORQUE® 4F	SUPER TORQUE® 5F	SUPER TORQUE® 6F	SUPER TORQUE® MB
Pressure Limit (PSI)	1200	1050	1200	1200
Guidewire Acceptance	0.035"	0.035"	0.038"	0.038"

	Lengths (cm)				
	65	90	100	110	
Flow Rate Chart (ml/s)					
	SUPER TORQUE® 4F	20	17	16	15
	SUPER TORQUE® 5F	19	16	15	14
	SUPER TORQUE® 6F	33	29	28	26

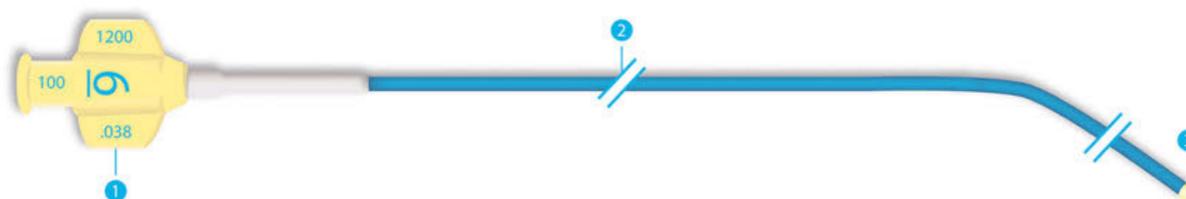


SUPER TORQUE® PLUS

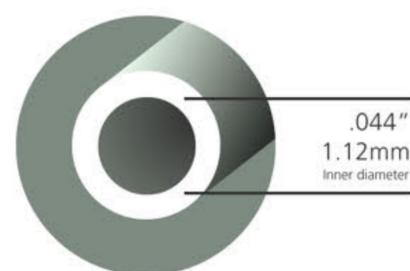
DIAGNOSTIC CATHETER

RELIABLE FEEL AND GENTLE HANDLING OF THE NUMBER 1 POLYURETHANE CATHETER

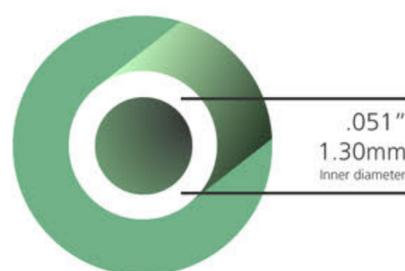
- Three segment polyurethane construction with braided body improves kink resistance and minimizes whip
- Soft radiopaque tip allows atraumatic cannulation and provides enhanced visibility



- 1 Catheter French size, length (cm), maximum injection pressure (psi) and guidewire (inches) are stamped on the hub.
- 2 Stainless steel, wire-braided body wrapped with thrombi-resistant material.
- 3 Special atraumatic tip. Catheter tip demonstrates superb shape retention, greater positional stability and is made from a special blend of soft, atraumatic material. All single pack catheters come 5 per box unless stated otherwise.



SuperTorque® Plus 5.2F



SuperTorque® Plus 6F

	5.2F SUPER TORQUE® Plus	6F SUPER TORQUE® Plus
Pressure Limit (PSI)	1200	1200
Guidewire Acceptance	0.038"	0.038"
Flow rate (ml/sec) at Pressure Limit (100 cm catheter)		
- Selectives	21.0	24.3
- Pigtailed	18.5	25.1

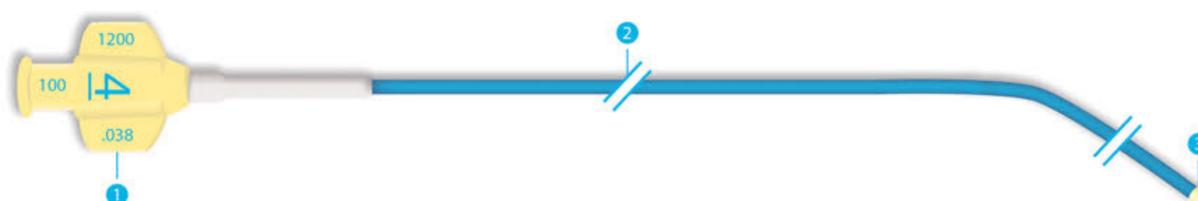


TEMPO™

DIAGNOSTIC CATHETER

EXCELLENT VISIBILITY FOR RAPID AND PRECISE CATHETER PLACEMENT

- Three segment nylon construction with braided body improves kink resistance and minimizes whip
- MDX lubricious coating enables smooth passage through the vessels
- Soft radiopaque tip allows for atraumatic cannulation and provides enhanced visibility



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	TEMPO™ 4F	TEMPO™ 4F	TEMPO™ 5F	TEMPO™ 5F
	Flush	Selective	Flush	Selective
Pressure Limit (PSI)	1200	1200	1200	1200
Guidewire Acceptance	0.035"	0.038"	0.035"	0.038"

	Lengths (cm)			
	65	90	100	110
Flow Rate Chart (ml/s)	23	20	19	18
	31	27	25	24

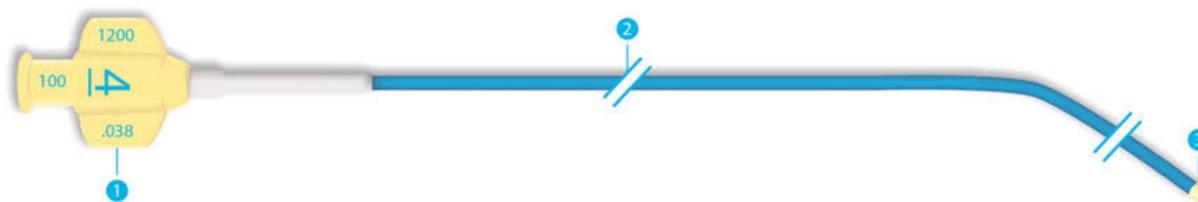


TEMPO™ AQUA

DIAGNOSTIC CATHETER

HYDROPHILIC COATING TO NAVIGATE THE MOST CHALLENGING CASES WITH LUBRICITY AND CONTROL

- Three segment nylon construction with braided body improves kink resistance and minimizes whip
- 20cm Hydrophilic coated distal shaft enables smooth passage through the vessels
- Soft radiopaque tip allows for atraumatic cannulation and provides enhanced visibility



- 1 Catheter French size, length (cm), maximum injection pressure (psi) and guidewire (inches) are stamped on the hub.
- 2 Stainless steel, wire-braided body wrapped with thrombi-resistant material.
- 3 Special atraumatic tip. Catheter tip demonstrates superb shape retention, greater positional stability and is made from a special blend of soft, atraumatic material. All single pack catheters come 5 per box unless stated otherwise.

	TEMPO™ AQUA 4F	TEMPO™ AQUA 5F			
	Selective	Selective			
Pressure Limit (PSI)	1200	1200			
Guidewire Acceptance	0.038"	0.038"			
		Lengths (cm)			
		65	90	100	110
Flow Rate Chart (ml/s)	TEMPO™ AQUA 4F	23	20	19	18
	TEMPO™ AQUA 5F	31	27	25	24

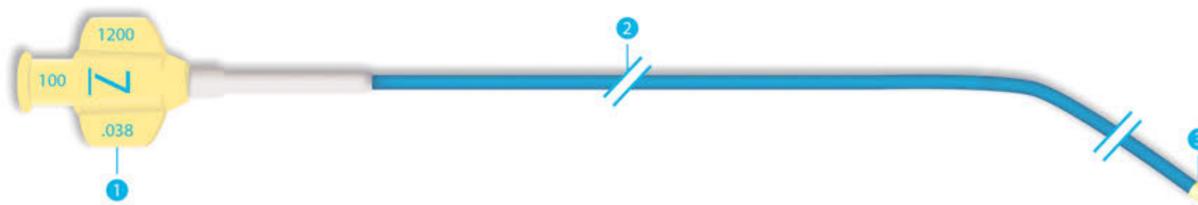


HIGHFLOW™ 7F

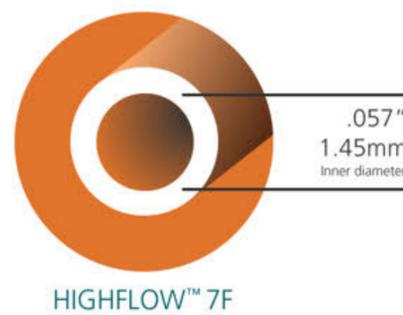
DIAGNOSTIC CATHETER

LARGE INNER DIAMETER TO MAXIMIZE CONTRAST FLOW

- Two segment braided polyurethane construction



- 1 Catheter French size, length (cm), maximum injection pressure (psi) and guidewire (inches) are stamped on the hub.
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	HIGHFLOW™
Pressure Limit (PSI)	1050
Guidewire Acceptance	0.038"
Flow rate (ml/sec) at Pressure Limit (100 cm catheter)	
- Selectives	32.0
- Pigtailed	32.2



Trusted brands for all working styles.

NYLEX[®]

DIAGNOSTIC CATHETER

SUPER TORQUE[®]

DIAGNOSTIC CATHETER

TEMPO[™]

DIAGNOSTIC CATHETER

TEMPO[™] AQUA

DIAGNOSTIC CATHETER

**ENDO
VASCULAR**



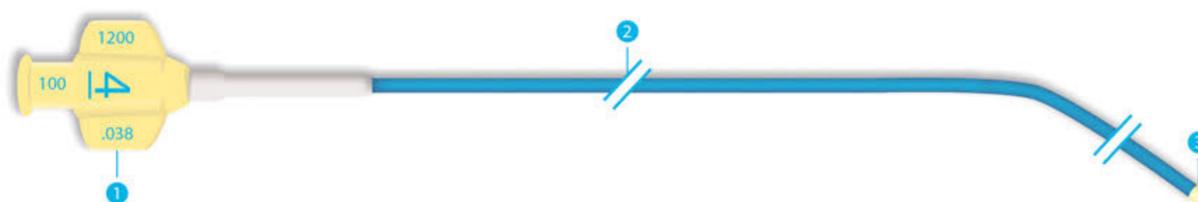
NYLEX™

DIAGNOSTIC CATHETER

NYLEX™ 4F & 5F

High quality, non braided flush catheter for cost-efficient performance.

- Non-braided Nylon body
- One piece construction



- 1 Catheter French size, length (cm), maximum injection pressure (psi) and guidewire (inches) are stamped on the hub.
- 2 Special atraumatic tip. Catheter tip demonstrates superb shape retention, greater positional stability and is made from a special blend of soft, atraumatic material. All single pack catheters come 5 per box unless stated otherwise.



	NYLEX™ 4F	NYLEX™ 5F
Pressure Limit (PSI)	1050	1050
Guidewire Acceptance	0.035"	0.035"

	Lengths (cm)			
	65	90	100	110
Flow Rate Chart (ml/s)	21	18	17	16
	33	28	26	24

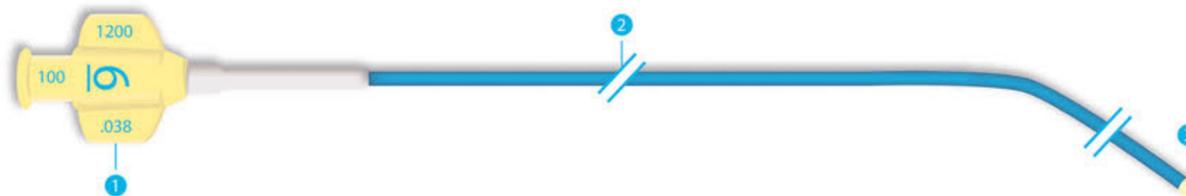


SUPER TORQUE®

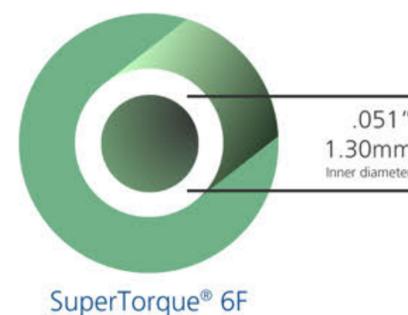
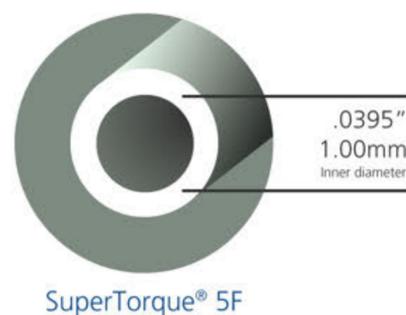
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	SUPER TORQUE® 4F	SUPER TORQUE® 5F	SUPER TORQUE® 6F	SUPER TORQUE® MB
Pressure Limit (PSI)	1200	1050	1200	1200
Guidewire Acceptance	0.035"	0.035"	0.038"	0.038"

	Lengths (cm)				
	65	90	100	110	
Flow Rate Chart (ml/s)					
	SUPER TORQUE® 4F	20	17	16	15
	SUPER TORQUE® 5F	19	16	15	14
	SUPER TORQUE® 6F	33	29	28	26

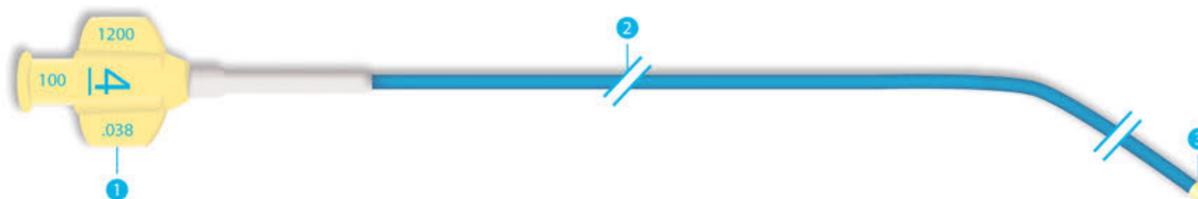


TEMPO™

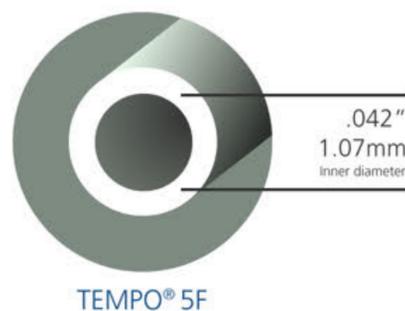
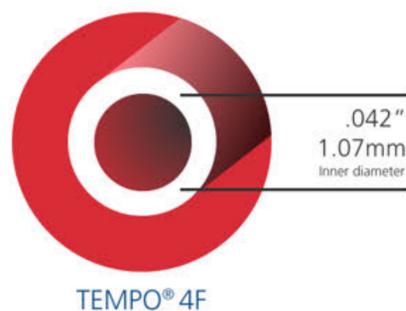
DIAGNOSTIC CATHETER

EXCELLENT VISIBILITY FOR RAPID AND PRECISE CATHETER PLACEMENT

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	TEMPO™ 4F	TEMPO™ 4F	TEMPO™ 5F	TEMPO™ 5F
	Flush	Selective	Flush	Selective
Pressure Limit (PSI)	1200	1200	1200	1200
Guidewire Acceptance	0.035"	0.038"	0.035"	0.038"

	Lengths (cm)			
	65	90	100	110
Flow Rate Chart (ml/s)	23	20	19	18
	31	27	25	24

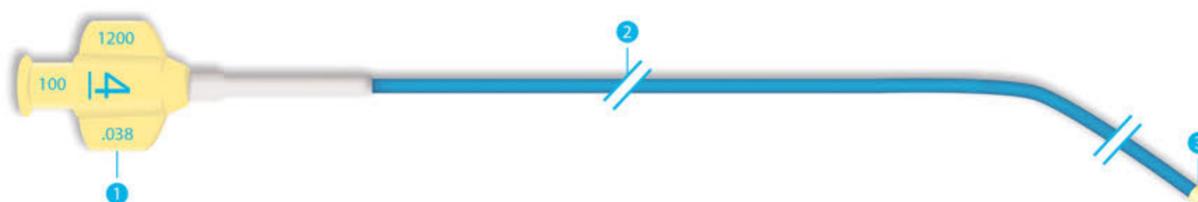


TEMPO™ AQUA

DIAGNOSTIC CATHETER

HYDROPHILIC COATING TO NAVIGATE THE MOST CHALLENGING CASES WITH LUBRICITY AND CONTROL

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- 3 Special atraumatic tip. Catheter tip demonstrates superb shape retention, greater positional stability and is made from a special blend of soft, atraumatic material. All single pack catheters come 5 per box unless stated otherwise.

	TEMPO™ AQUA 4F	TEMPO™ AQUA 5F
	Selective	Selective
Pressure Limit (PSI)	1200	1200
Guidewire Acceptance	0.038"	0.038"

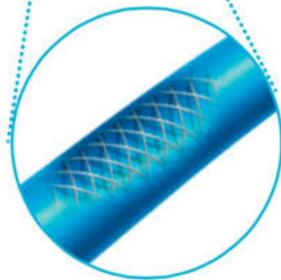
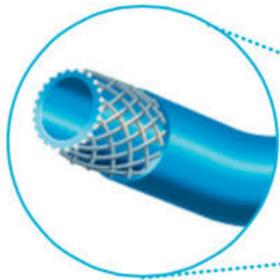
	Lengths (cm)			
	65	90	100	110
Flow Rate Chart (ml/s)	TEMPO™ AQUA 4F			
	23	20	19	18
	TEMPO™ AQUA 5F			
	31	27	25	24



Reliable catheters. Efficient diagnostic procedures.

EASY AND QUICK CANNULATION TORQUE CONTROL TECHNOLOGY

- High density braiding



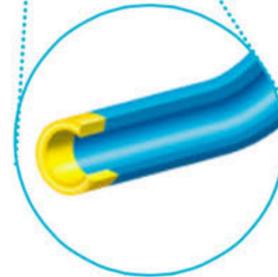
LESS KINKING, MORE COST EFFECTIVE KINK RESISTANCE TECHNOLOGY

- Constructed with different durometers



KEEPS ITS ORIGINAL SHAPE, EVEN IN LONG PROCEDURES SHAPE RETENTION PROPERTY

- Thermocool technology
- Shape retainer

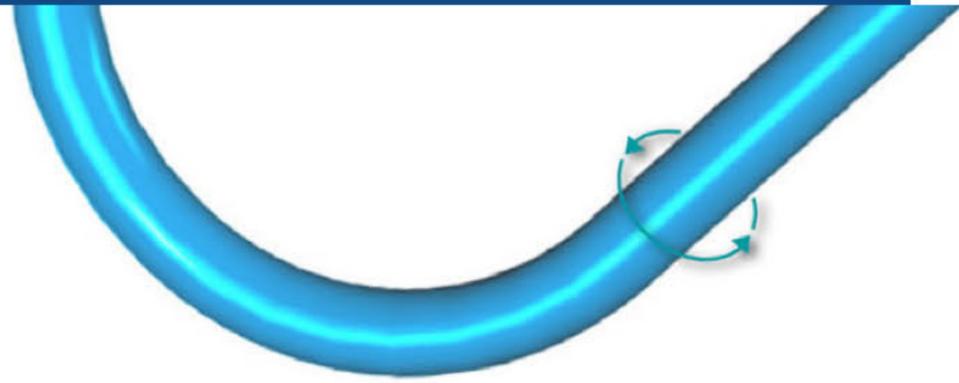


MINIMIZE RISK OF VESSEL WALL DAMAGE SOFT ATRAUMATIC TIP

- Innovative fusion technology
- Non-braided tip transition



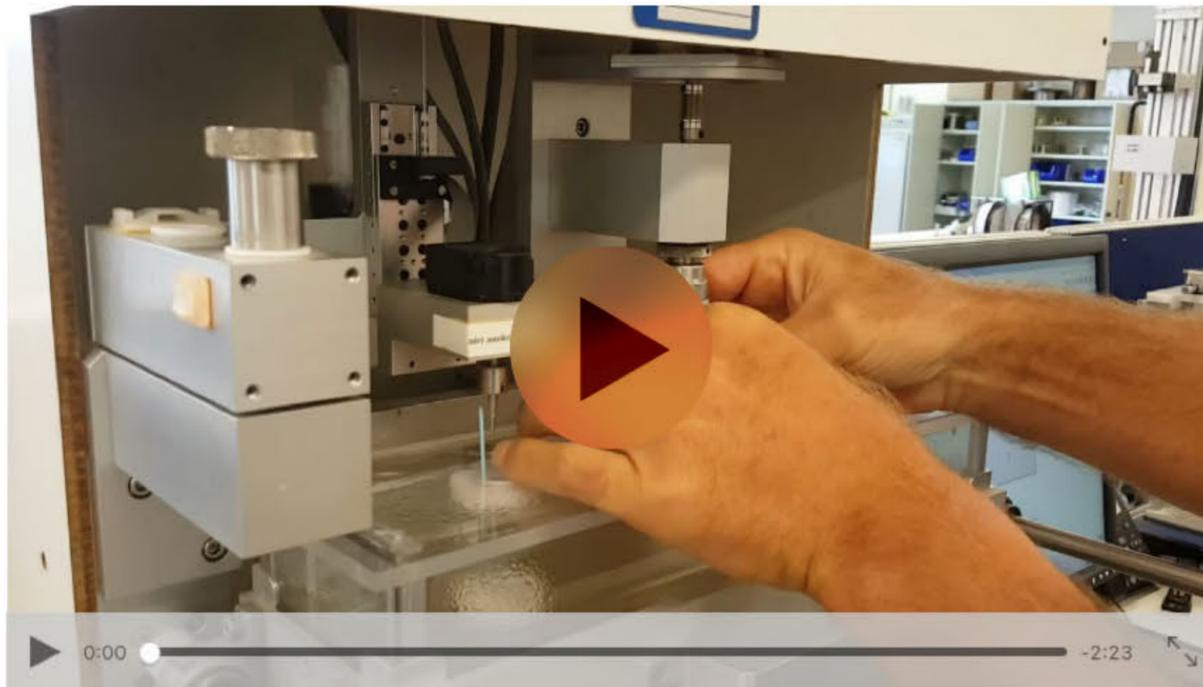
EASY AND QUICK CANNULATION



OPTIMAL TORQUE CONTROL

Thanks to its high density braiding and advanced multi-segment design results in a quick and easy cannulation

WATCH HOW WE TESTED IT!



THE EVIDENCE



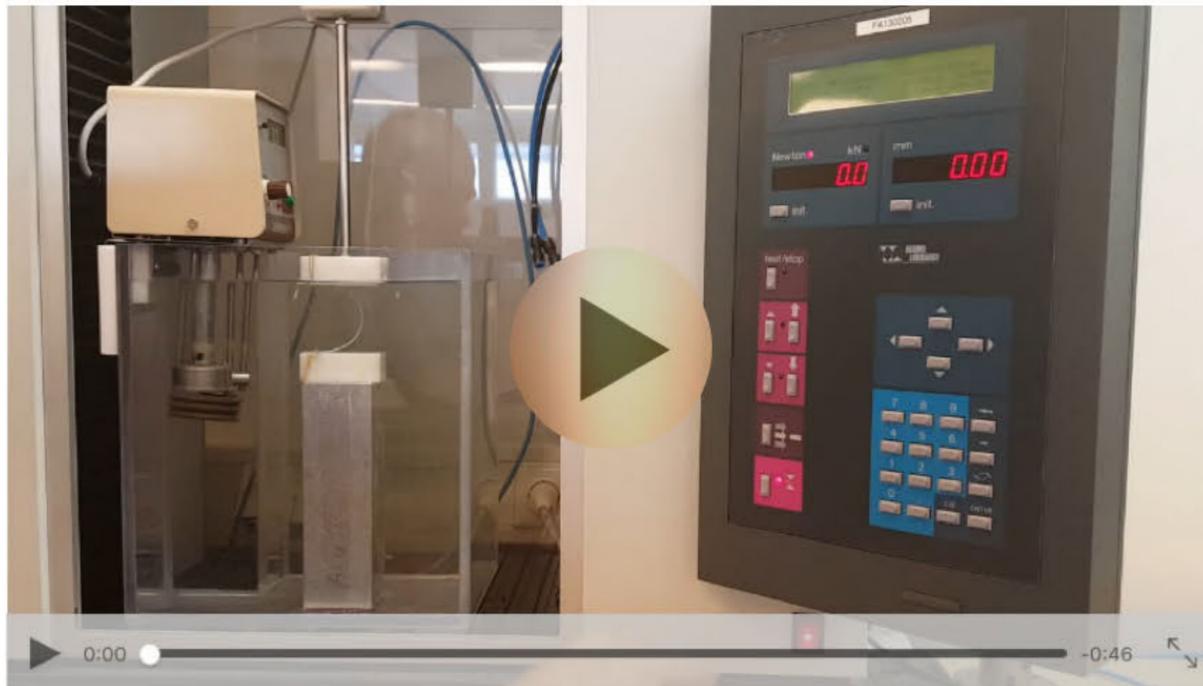
LESS KINKING, MORE COST EFFECTIVE

KINK RESISTANCE DESIGN

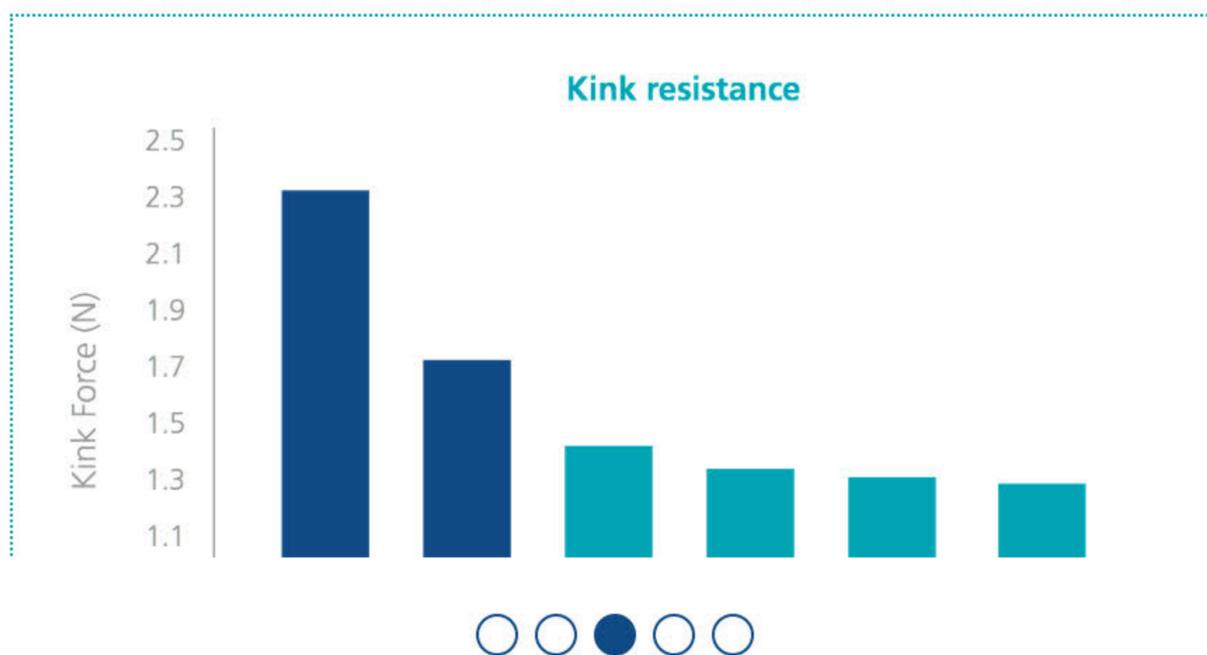
A kinked catheter means extra cost and potential additional complications

Cordis catheters are constructed with high density braiding and the optimal combination of polymers to maximize kink resistance

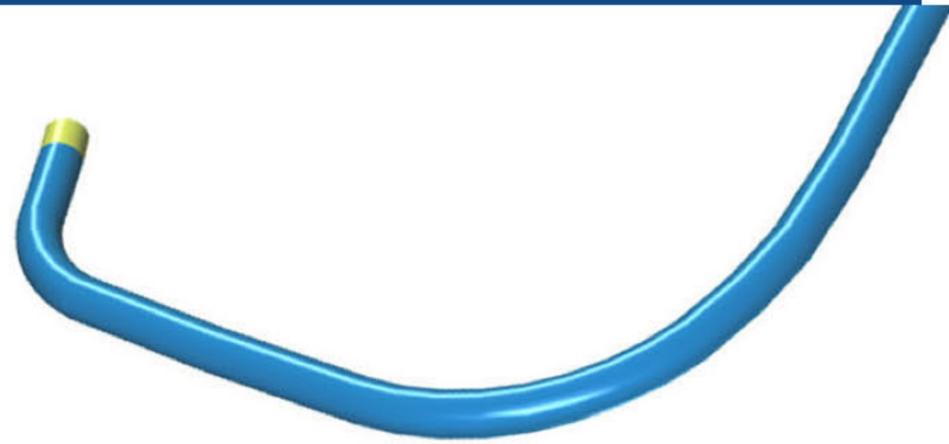
WATCH HOW WE TESTED IT!



THE EVIDENCE



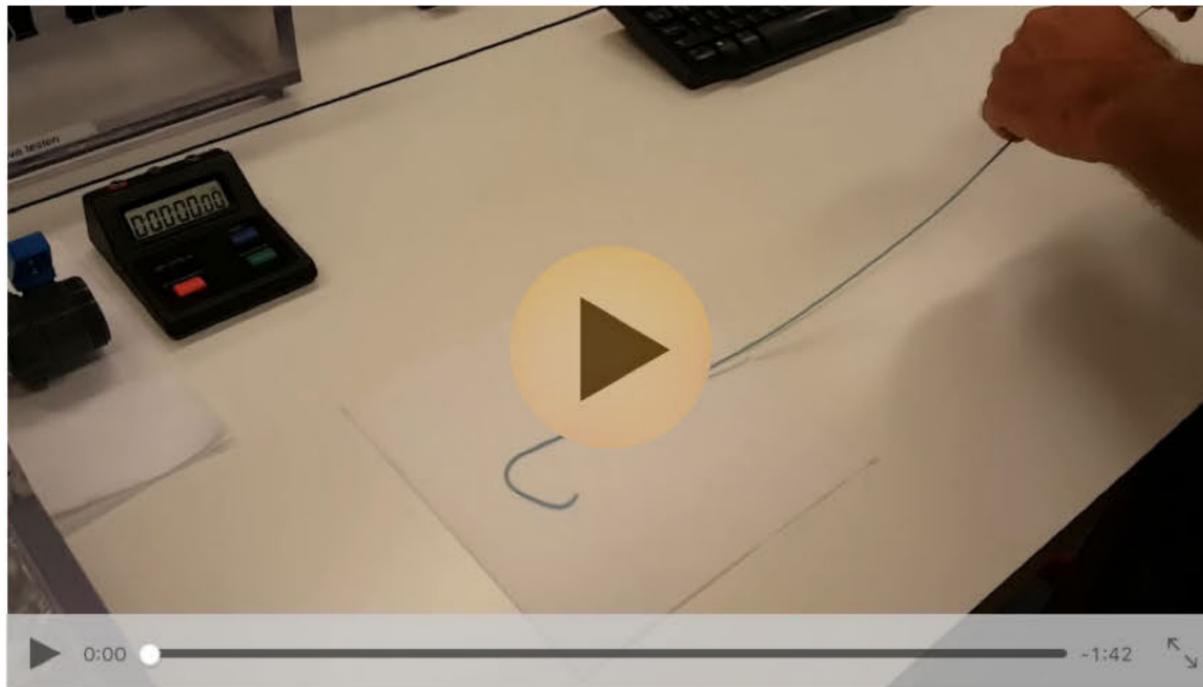
OPTIMAL SHAPE RETENTION, EVEN IN LONG PROCEDURES



SHAPE RETENTION TREATMENT

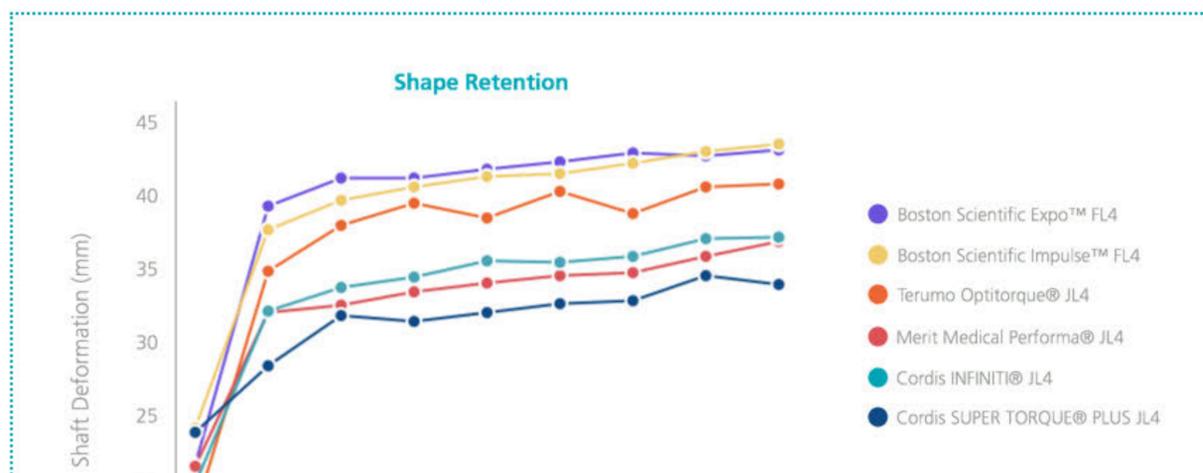
Even in long diagnostic procedures, Cordis catheters retain their shape better than its competitors, which results in fewer units used per procedure, less catheter exchange and more comfort for patient.

WATCH HOW WE TESTED IT!

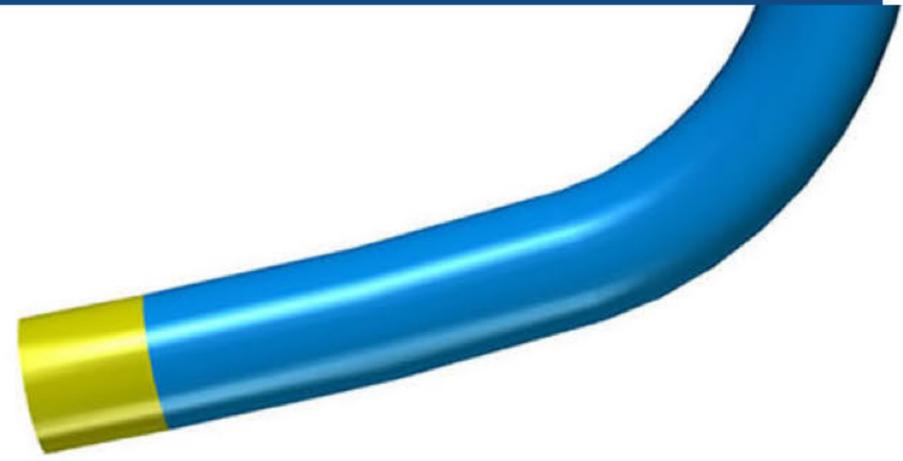


THE EVIDENCE

Lower shaft deformation over time means a catheter retains better its original shape



MINIMAL RISK OF VESSEL WALL DAMAGE

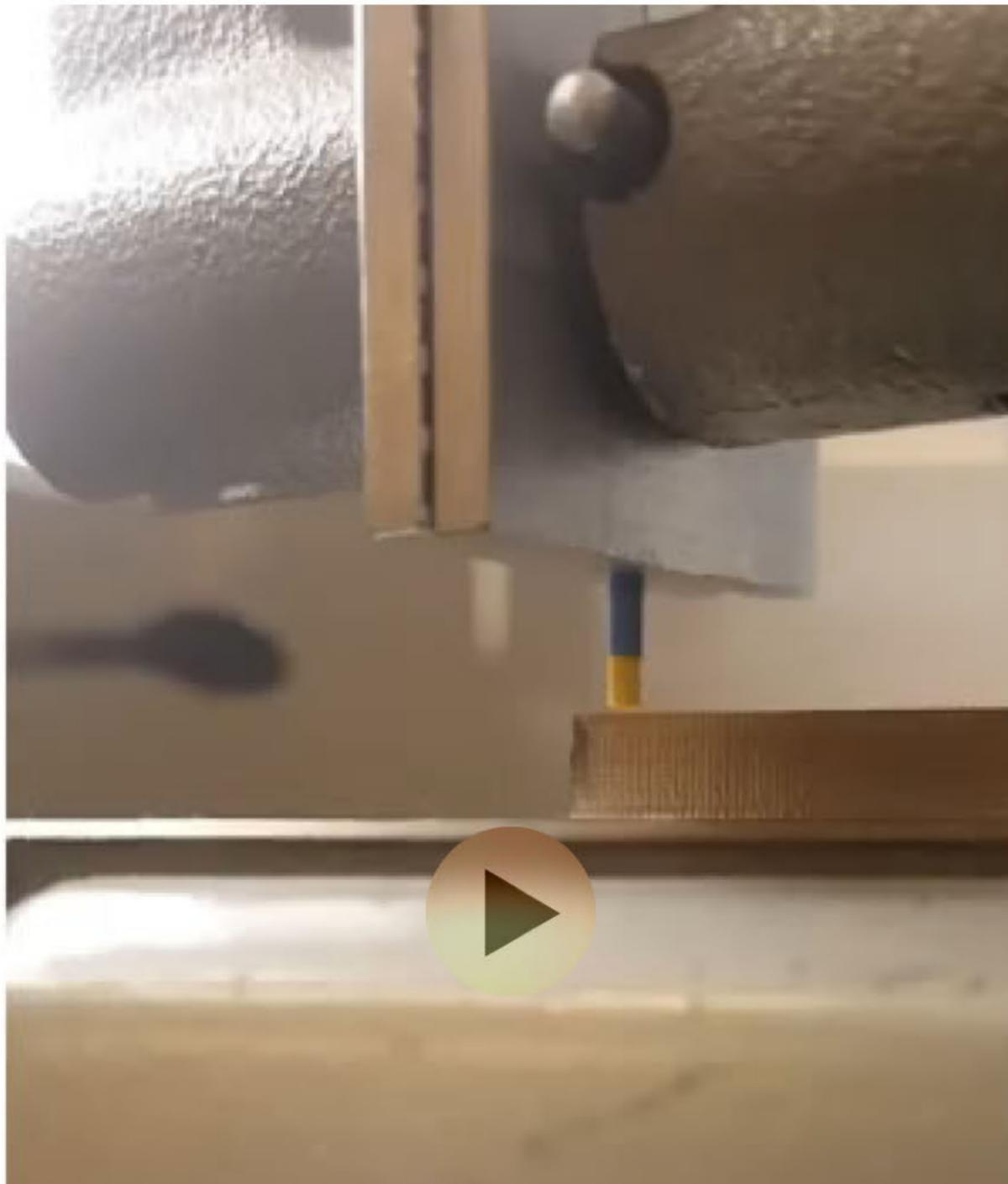


FLEXIBLE DISTAL SEGMENT

Non-braided distal segment and soft tip allow for atraumatic cannulation and provides enhanced visibility.

The combination of materials and manufacturing process ensures the right balance between tip softness and preservation of circular geometry for optimal flow.

WATCH HOW WE TESTED IT!



ALL THE SHAPES YOU NEED

THE WIDEST RANGE OF SHAPES
FOR EVERY ANATOMICAL VARIATION



Radial



Special



Internal
Mammary



XB



Peripheral

"The medical devices in this application are designed to deliver radiopaque contrast medium to selected sites in the vascular system. The content in this section reflects the current practices and should not be used a training guide. The choice of the shape remains at the discretion of the Health Care Professionals."

RADIAL

Cordis radial bilateral shapes enable angiography of right and left coronary arteries using either right or left radial or brachial approach. The single catheter concept eliminates the need for catheter exchange and aims to shorten procedure and fluoroscopic time... It is also more cost effective.



RBL

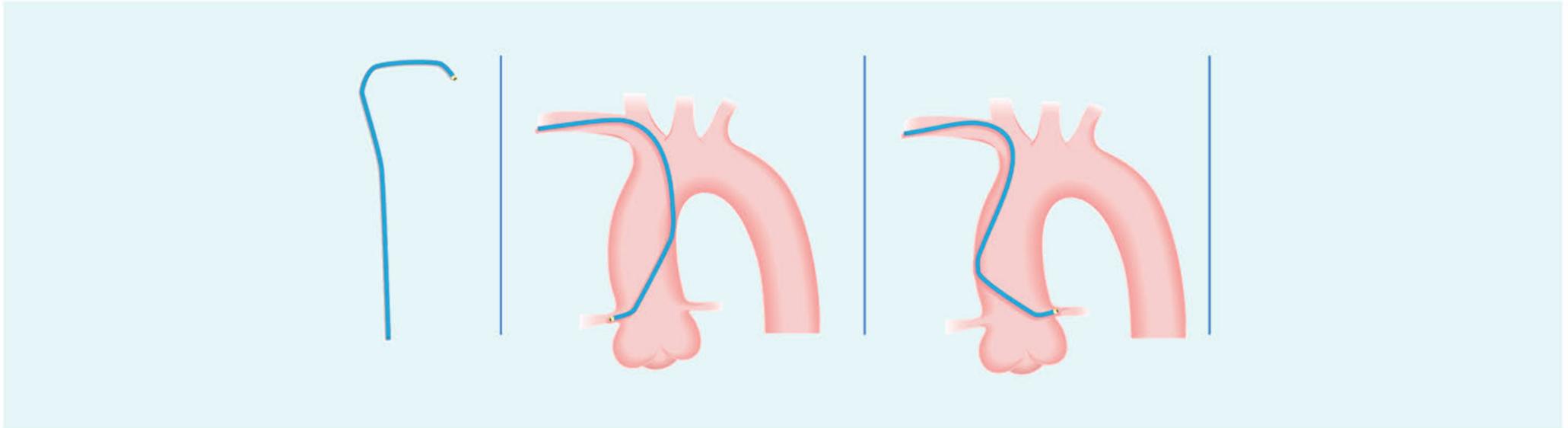


Barbeau

Left
Brachial

RBMP

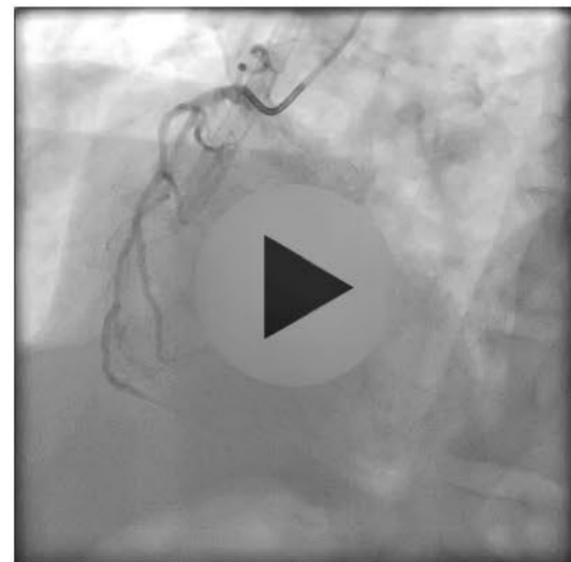
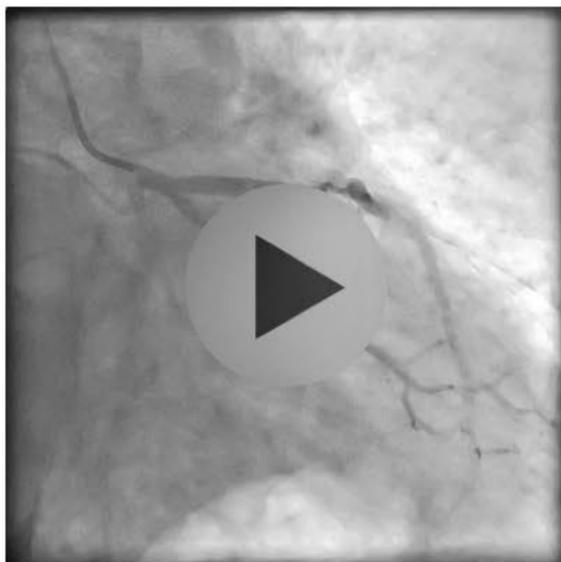
RBL - RADIAL BILATERAL



In his daily practice Dr. G. Christ uses this curve to cannulate both coronary arteries via the **right** radial access. According to his experience a complete diagnostic angiogram is possible in approx. 55% of cases without the need for an additional catheter exchange. Only in approx. 15% of cases it does not fit at all. In approx. 30% of cases it fits for either the right or left ostium.

DR. G. CHRIST TECHNIQUE FOR THE RBL CATHETER:

- Engaging the left ostium is more or less equal to the regular Judkins Left catheter.
- For the right ostium it seems easier to go down to the right coronary sinus first and advance to the ostium from beneath rather than from above.



Coronary angiography of the left and right coronary arteries using the same RBL diagnostic catheter.
Courtesy of Dr. G. Christ, Hospital SMZ-Süd – Kaiser-Franz-Josef-Spital, Vienna

BARBEAU CURVE



In his daily practice Dr. Barbeau uses this curve for coronary catheterisation and angioplasty via right radial access of the left and right coronary arteries.

FEATURES

- Primary curve of 135 degrees added to an MPA catheter (Multipurpose A).
- Diagnostic catheter with 2 side holes for ventriculography.
- In his daily practice Dr. Barbeau cannulates almost all the ostia of the right coronary artery and a certain number of the ostia of the left coronary artery.
- In his daily practice Dr. Barbeau starts with ventriculography and opacification of the right coronary artery and then of the left coronary artery. If the left coronary artery proves difficult to cannulate he uses curve JL 3.5.
- The angioplasty technique developed by Dr Barbeau: curvature for the right coronary artery (XB for left coronary artery).

TECHNIQUE

Dr. Barbeau uses the same technique to cannulate a JR (Judkins Right). Refer to Dr FAuriers clinical case to know how he cannulates the left main.

Barbeau Clinical Case

Presented by Dr. B. Faurie – Groupe Hospitalier Mutualiste Grenoble, France

Patient

A 52-year old man with known risk factors of hypertension and smoking, presented with with a one and a half hour history of chest pain and was, transferred by the emergency services for primary angioplasty. ECG changes were in keeping with an inferior MI suggesting that the right coronary artery was the culprit vessel.

Coronary catheterisation and angioplasty

A Barbeau 6F LBT was used as guiding catheter : catheterisation of the right coronary artery (RCA) with deep intubation of the catheter for good support. Angiography of the RCA: occluded, TIMI 0 flow at the end of segment 1 (Figure 1).

A large amount of thrombus was noted to be present and with passage of a 0.014' guidewire flow improved to TIMI flow 1.

An intracoronary bolus of aGPIIb/IIIa inhibitor was given followed by a peripheral IV infusion. Use of a thrombus aspiration catheter restored flow to TIMI 3 and the lesion was treated with a bare metal stent (Figure 2). Catheterisation of the left coronary artery (LCA) was performed indirectly (Figure 3) as can also be performed an XB or Multipurpose. This is my method of choice if the patient is small, obese, if the aorta is unfolded or the left main (LCT) originates from the roof of the coronary sinus. It should be noted that for vertical aortas and tall, slim subjects, "direct" cannulation like a JL is performed at the same time as asking the patient to hold a 'deep breath in' and applying anti-clockwise rotation to the catheter.

The aortic valve was crossed with a J shaped guidewire and ventriculography (Figure 4) was performed with a 20 cc injection of contrast medium using a Luer Lock syringe. The catheter remains completely centred in the ventricular cavity. LV function was 60 % with minimum postero-basal hypokinesia but no mechanical complications. Normal filling pressures, no mitral regurgitation or LV-Ao gradient on pullback.

Duration of procedure: 20 min. Fluoroscopy time: 3.2 min. Contrast: 90 ml contrast agent **using a single catheter only for both right and left coronary catheterisation, stenting of the RCA and ventriculography.**

Discussion

The Barbeau LBT is the angioplasty catheter of choice for the RCA at our centre. It provides good passive support and coaxialisation via right radial access. Good active support by intubation of the mid or distal RCA (deep intubation or "amplatzising") which is atraumatic because of the Long BRITE TIP® although care must be taken by less experienced operators to avoid dissection.

This is a "multifunction" catheter which can be used both for **straightforward cannulation of venous bypass grafts (particularly of the RCA) and for ventriculography because of the three side holes (on the diagnostic catheter)** which also reduce the risk of coronary dissection.

For diagnostic purposes, this is the catheter of choice which I use for elderly persons of "conventional" height and weight. There are actually more LCT cannulation failures in patients who are elderly, small or obese. In these cases, I do not persist and use a JL 3.5.

For diagnostic catheterisation with 5F, I start by crossing the aortic valve with my J-shaped .035" guidewire (right radial access results in good alignment), then withdraw the guidewire, followed by flush, measuring LV pressure, then perform manual ventriculography using a 20 cc Luer Lock syringe with 18 cc of warm contrast agent to facilitate injection and 2 cc serum to reduce viscosity as well. Pressure and VG-Ao gradient are measured with coronary catheterisation starting with the RCA because on removal the catheter "falls inside". The advantage of this technique is that it involves one manipulation of the J-shaped guidewire and use of one catheter (instead of 3) which limits the risks of embolism (gaseous, plaque dislodgement or fibrin) and radial spasm. This significantly reduces the duration of the procedure.

In experienced hands and according to its inventor, this catheter can be used to perform right and left coronary catheterisation and then ventriculography in 70 % of cases with a 30 % failure rate occurring almost exclusively during catheterisation of the left coronary artery. When the radial artery is very tortuous, advancing the catheter ahead of the guidewire with simultaneous clockwise rotation will in 70 % of case be successful. An advantage of the technique is that it can be performed without fluoroscopy hence avoiding both use of contrast and radiation. Should this fail then attempts can be made using a hydrophilic guidewire in a conventional approach.

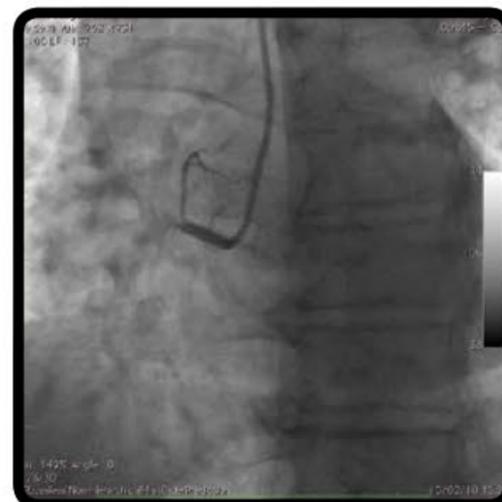


Figure 1



Figure 2

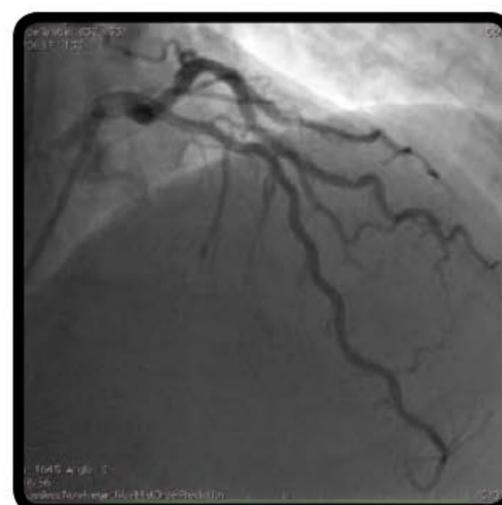
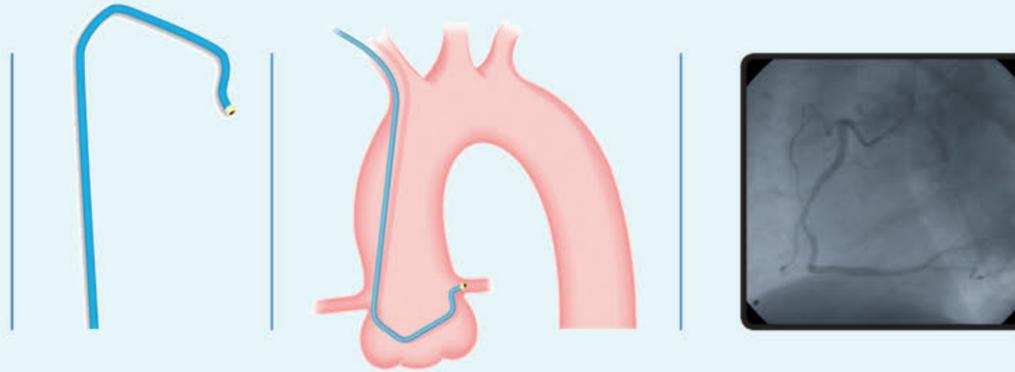


Figure 3



Figure 4

LEFT BRACHIAL CURVE



[Read the case report](#)

In his daily practice Dr A. Tirouvanziam uses this curve for coronarography and angioplasty via right radial approach of left and right arteries.

According to his experience it allows effective cannulation and angiography of the left coronary arteries and allows easy and effective cannulation and angiography of the right coronary arteries when the ostium of the right artery is at the same level as the left ostium.

Dr A. Tirouvanziam uses the same technique as for Judkins Left (JL) curve via the femoral approach and usually starts with right coronary artery.

Left Brachial / Tilon Clinical Case

Presented by Dr A. Tirouvanziam – CHU Nantes, France

Patient

Man of 54 years of age, smoker, dyslipidemic. De novo angina. Troponin negative, creatininemia normal – premedication in the form of double platelet anti-aggregation.

Angiography

Left ventricle ejection fraction: 65 % Selective catheterism of the ostial coronaries via TILON CORDIS 5F diagnostic catheter probe. Right coronary dominant and free from lesions (Figure 1). Left coronary (Figure 2): tight stenosis of proximal LAD and proximal circumflex.

Angioplasty

Ad hoc angioplasty: change for 5F extra-support catheter guiding, one guiding .014" medium support. Direct double stenting of the proximal LAD with a CYPHER Select™ Plus of 3.5 x 12 mm, followed by implantation of the proximal circumflex with a 3 x 12 mm stent. Final angiographic result satisfactory (Figure 3). Duration of the diagnostic and interventional procedure: 30 min (12 min time for fluoroscopy, 100 ml of contrast medium). Procedure carried out in outpatients, with patient returning home to be treated for one year with clopidogrel and aspirin for life.

Discussion

The ad hoc angioplasty carried out via radial approach in the outpatients' department is suitable for patients with stable angina premedicated with adapted double platelet anti-aggregation, with type A or B1 mono or bitruncular lesions, without left ventricular dysfunction or impaired renal function. The TILON CORDIS probe, specifically designed for the right radial approach, is a hybrid between the AL2 and the JL4. It offers several advantages in this context of ad hoc angioplasty carried out at the same time via radial approach in the outpatients' department:

- selective and successive catheterism of the two coronary ostia, without any change in catheter.
- limited handling in the brachial, right subclavian and innominate trunk, thus limiting the risk of embolisation of the supra-aortic trunks or radial spasm.
- reduction of doses of contrast medium and irradiation of patient/operator.
- selective catheterism of the left coronary (advocated after that of the right coronary), carried out by simple withdrawal and anti-clockwise rotation in the ascending aorta from the right anterior cusp. The catheter is inserted horizontally in the axis of the left main of the left coronary, which is non-traumatic with excellent back-up allowing optimum vascular filling by the contrast medium.

Long term plans

Performance and safety of use of TILON catheter to be evaluated by a comparative study with the traditional catheters used via a radial approach.

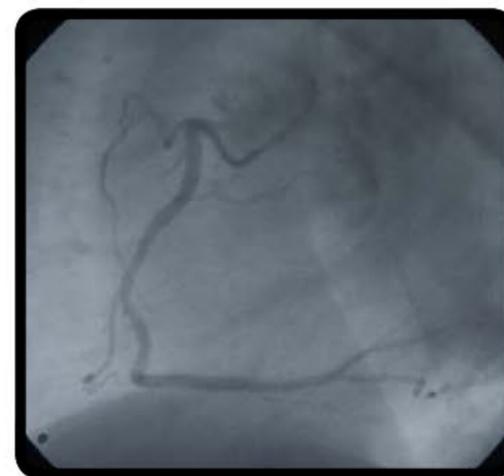


Figure 1

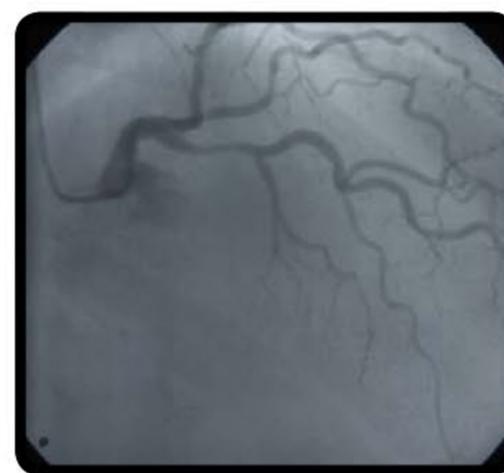


Figure 2

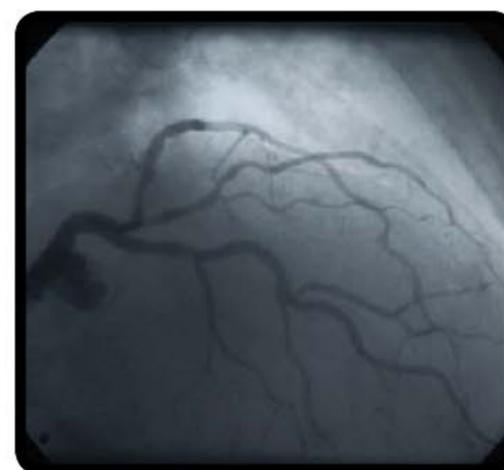


Figure 3

RBMP - RADIAL BRACHIAL MULTIPURPOSE



Dr Michael A. Sergeev uses this catheter to perform coronary angiography of the left and right coronary arteries through the right radial access (catheter bilateral).

Features:

- 2 curves: a primary 130° curve and a 158° secondary curve which allows a good coaxial alignment with the ostium of both right and left coronary artery.
- distal segment is flexible
- atraumatic tip

DR MICHAEL A. SERGEEV TECHNIQUE

Cannulation technique for the left coronary artery includes:

- 1) Advancing the catheter over a J tip 0.35" guide wire till the aortic valve plane
- 2) Removing the guide wire and withdrawing the catheter till the ostium, rotating gently clockwise the catheter enabling selective engagement of the ostium (fig 1)
- 3) Alternatively, in case of upward origin of the left stem, the catheter can be advance against the aortic valve since the primary curve fleets toward the controlateral aortic wall (similarly to the Judkins left or Amplatz technique) fig 2.

Cannulation technique of the right coronary artery includes:

- 1) Withdrawing the catheter from the left stem
- 2) Rotating the tip of the catheter clockwise as in the Judkings right tecnique (fig 3)



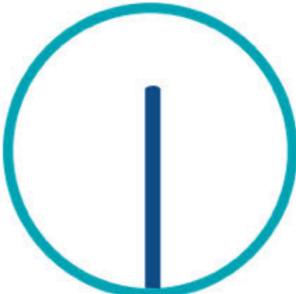
SPECIAL

THINK SMALL

Cordis provides a full range of catheters specifically designed for different purposes and anatomies.



NIH



Straight

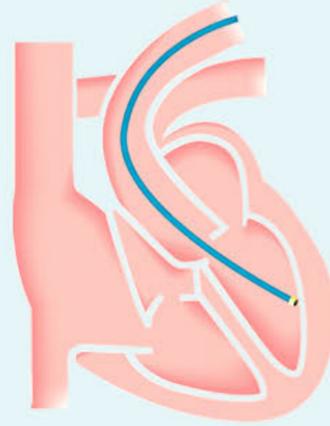


Pigtail



Endo

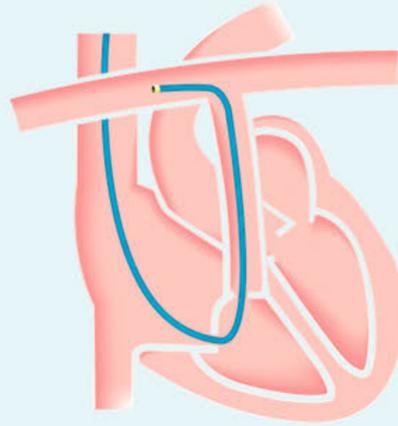
N.I.H



FEATURES

- Has multiple side holes and no end-hole
- The tip of the Cordis NIH catheters is sufficiently soft that they can be gently prolapsed across the aortic valve.

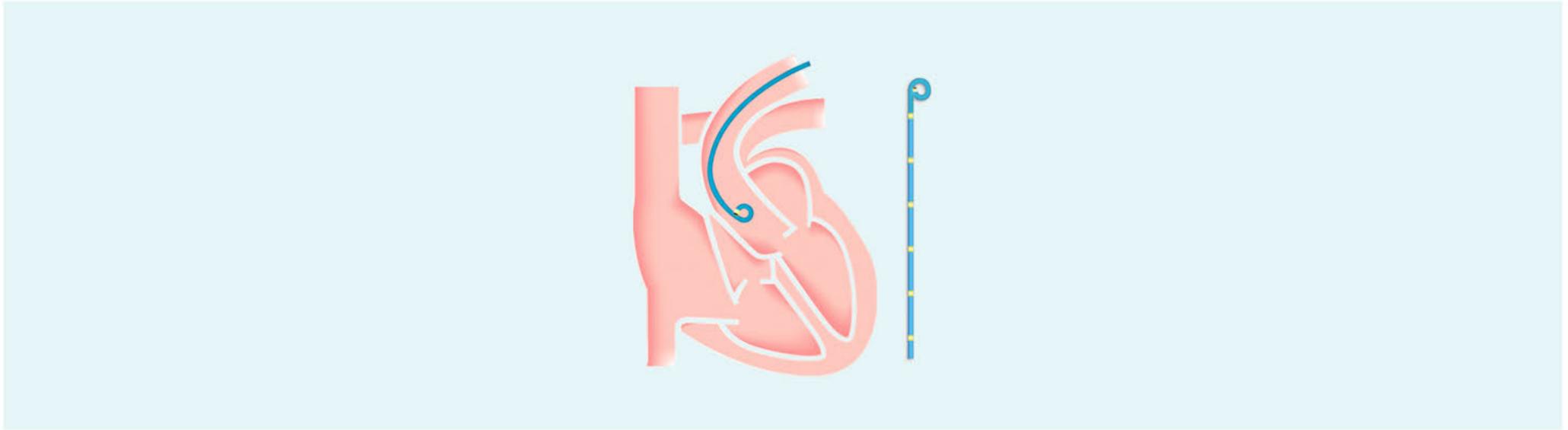
STRAIGHT



'A straight catheter can be a good alternative to pigtail catheter in order to inject contrast in the aorta or in iliac arteries.'

Catheter-based cardiovascular interventions : a knowledge based approach by Peter Lanzer, page 319, chapter 18.3.4 Guidewires and catheters.

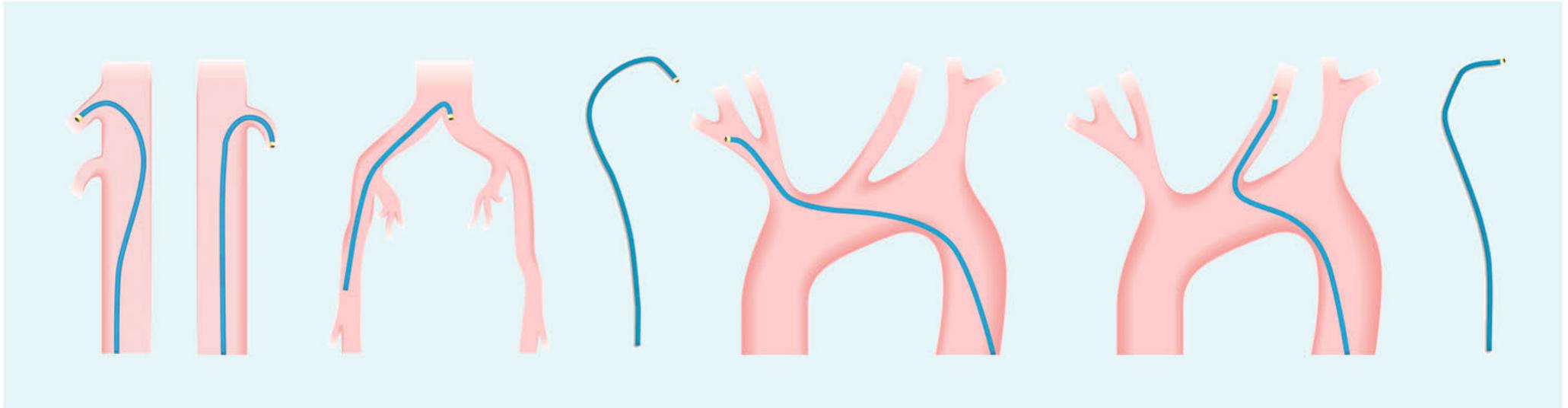
PIGTAIL VESSEL SIZING



FEATURES

SUPERTORQUE[®] MB is a calibration catheter. It has a braided, polyurethane shaft and comes in a pigtail shape. It features 10 or 20 gold-alloy marker bands separated 1cm that are used to perform precise length measurements. This type of catheter has multiple applications such as stent selection or selection of a closure device for a ductus.

ENDO



COBRA C1

According to Dr Ali Amin this shape is excellent to cannulate Ductus and aorto pulmonary branches. It is really useful, because let cannulate very difficult branches.

HEADHUNTER H1

According to Dr Ali Amin this is an alternative to Cobra and besides it allow to embolising into arteriovenous malformations, due the material of embolising can pass through this catheter. For Example St. Jude recommends it to deploy their "Vascular Plug 4".

Internal Mammary



3D Lima
90



IM
Bartorelli
Cozzi

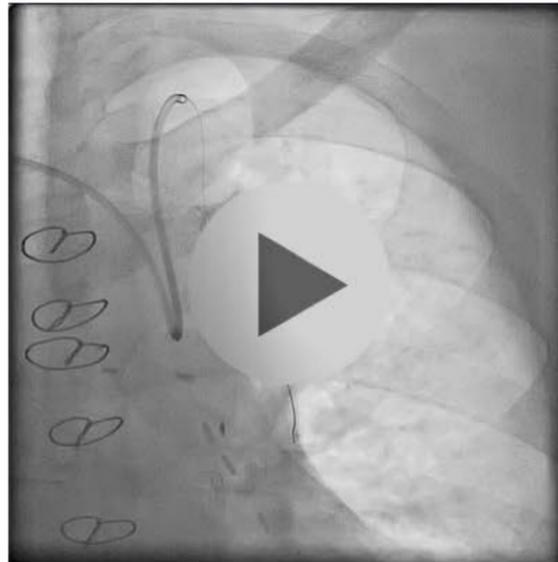
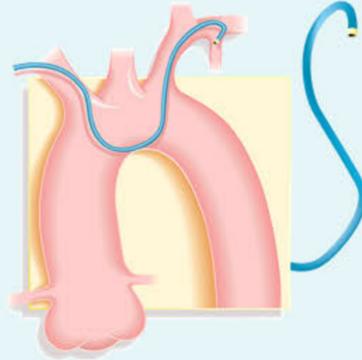


Barbeau
IM



Rima

3D LIMA 90



In his daily practice Prof. Günter Christ uses this catheter for selective cannulation of the left internal mammary artery via the right radial access.

IM BARTORELLI COZZI CURVATURE - IM BC



[Read the case report](#)

In his daily practice Dr. C. Robin uses this curve for coronary catheterisation for selective access to the right and left internal mammary artery via right radial access.

Dr. Robin also uses this curve for coronary catheterisation for selective access to the left internal mammary artery via left radial access.

FEATURES

- The curvature was developed by Drs. A. Bartorelli and S. Cozzi at the Monzino Cardiology Centre in Milan.
- IM with a design more particularly marked by a primary curvature of 180° for better coaxial alignment in the ostium of the left internal mammary artery and a secondary curvature of 90° for support in the subclavian artery. Flexible distal segment and atraumatic tip.

DR. C. ROBIN TECHNIQUE

- Please see the case report by Dr. C. Robin.

Case Report Cordis SUPER TORQUE® Plus – IM BC Clinical Case

Presented by Dr. C. Robin – Clinique Convert – Bourg en Bresse, France

Patient

A 62-year old male patient on long-term antivitamins K (AVK) for mechanical mitral valve with a history of triple vessel coronary bypass graft (LIMA/circumflex artery, RIMA/LAD, saphenous vein/RCA) was referred for recurrence of angina with positive stress test both clinically and in the ECG. The clinical examination and ECG revealed nothing of note. Angiographic assessment was performed without stopping anticoagulation therapy.

Coronary catheterisation

Access via the right radial artery with 5F guiding catheter. After assessing the coronary arteries without contrast, a hydrophilic .035" guidewire (260 cm) is used and the Bartorelli-Cozzi diagnostic catheter is advanced. The real problem presented by the procedure is to feed the hydrophilic guidewire successfully up into the left sub-clavian artery followed by the catheter. It is possible to cannulate the right internal mammary artery by very gradually removing the catheter without guidewire .035" from the left sub-clavian artery to the right sub-clavian artery.

Technique for cannulating the left internal mammary artery:

- Feed the catheter into the horizontal aorta with its end upwards under the left sub-clavian artery.
- The hydrophilic guidewire is advanced as far as possible into the left humeral artery to offer the maximum support.
- Then push the catheter on the guidewire beyond the ostium of the left mammary artery.
- Cannulation is then performed by very gradually removing the catheter which is "intubated" in the ostium of the artery.

During the examination, the following were documented: a functional right internal mammary artery onto the LAD, a perfectly normal left internal mammary bypass graft onto the marginal CX and finally an occluded saphenous graft. There is an ulcerated lesion at the junction of the proximal and mid-RCA.

Angioplasty at the junction of the proximal and mid-RCA was performed during the same procedure.

Discussion

When this technique is used, only one radial puncture is needed and the patient's arterial stock is preserved. It is possible to monitor the bypass grafts in patients on AVK without stopping anticoagulation therapy.

It is preferable to use right radial access to monitor the left internal mammary artery if angioplasty needs to be performed in the same procedure. The operator's preferred access can be used in this way without loss of time and to achieve greater efficacy.

This curvature requires a small learning curve and the success rate is about 90 %.

Using radial access to monitor the mammary bypass grafts means that potential complications at the puncture site can be limited, patient comfort is increased and the patient is mobilised more rapidly.

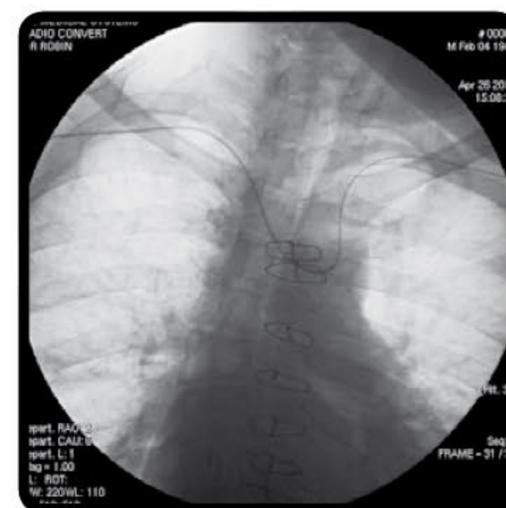


Figure 1

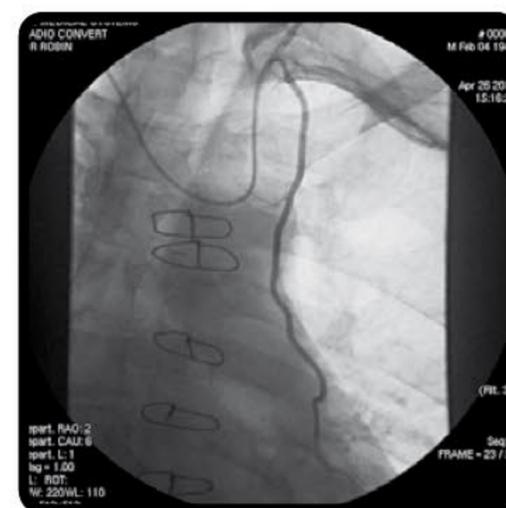


Figure 2

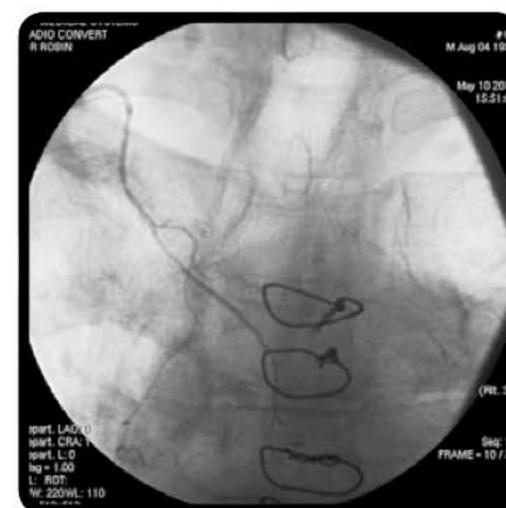
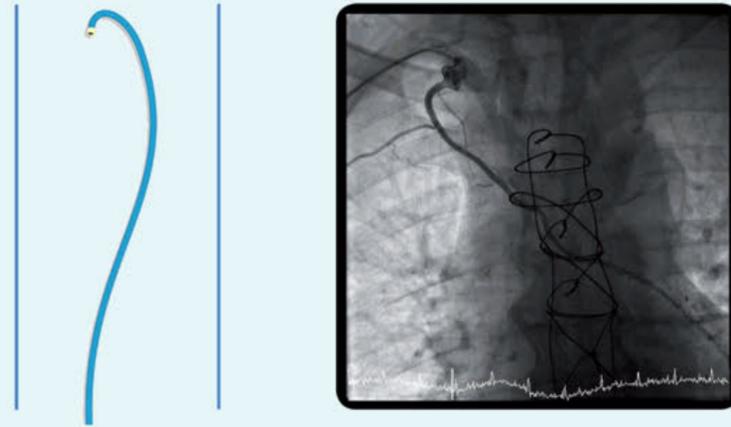


Figure 3

BARBEAU IM CURVE



[Read the case report](#)

Coronarography and angioplasty via right radial approach of left and right internal mammary arteries.

Possibility of use via femoral approach.

FEATURES

- Very selective catheterism of mammary arteries.
- Modified internal Mammary Curve, exists in diagnostic catheter and guiding catheter.

TECHNIQUE

See Dr Rossignol's Clinical Case.

Barbeau IM Clinical Case

Presented by Dr B. Rossignol – Cl. Mutualiste des Eaux claires Grenoble, France

Patient

Patient of 61 years of age who in 2006 had two mammary bypasses: Right mammary on LAD and left mammary on circumflex.

For a few weeks he had been experiencing angina-type pains following effort, identical to those he had during the pre-operative period.

Indication to check native arteries and the two bypasses.

Angiography

Examination via right radial.

Normal examination of native arteries using Barbeau 5F (ref. 534-578T) and JL 3.5 5F (ref. 534-518T) (which we prefer to use straight away rather than handling the Barbeau for too long to correctly cannulate the left coronary trunk).

Examination of two mammarys via right radial with IM Mod (ref. SRD6837) adjusted by Gérald Barbeau (Quebec).

- Normal cannulation of the right mammary, but much easier and more selective than with "ordinary mammary".
- To cannulate the left mammary:
 - Catheter in horizontal aorta, end upwards, under the left sub-clavian; positioning confirmed or not by manual injection of contrast medium (Figure 1).
 - Hydrophilic guiding advanced as far as possible in the left humeral artery (Figure 2)
 - It is then easy to push the IM Mod on this hydrophilic guiding beyond the origin of the left mammary artery.
 - Then cannulation, by removing the catheter from the left mammary artery, easily "intubated" thanks to the more marked curve of the distality of the catheter (Figure 3).
- Conclusion of patient examination: mammary bypasses permeable without stenosis, but:
 - Stenosis of very proximal LAD with diagonal network and mid LAD not repaired by mammary bypass: indication for proximal angioplasty of LAD.
 - Ostial stenosis of the Cx; marginal bypass permeable, but without repairing the Cx or the other marginal. Discussion on angioplasty.

Discussion

9 times out of 10 examination is very fast without excessive handling, and without extremely long learning curve.

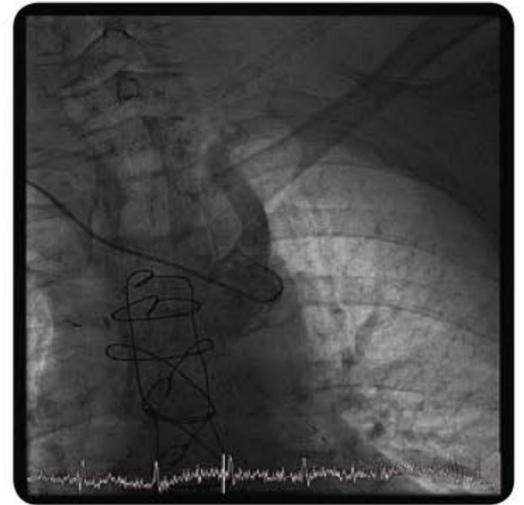


Figure 1

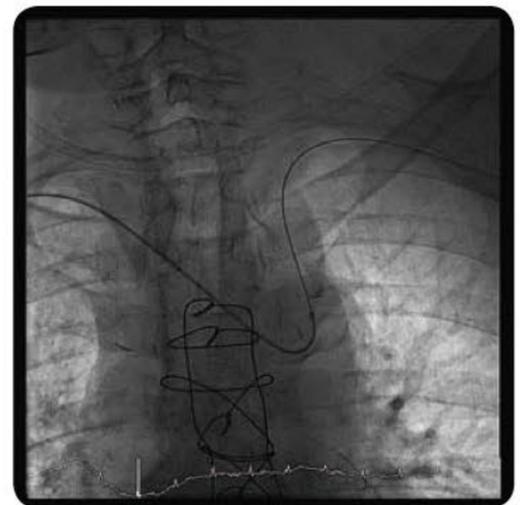


Figure 2

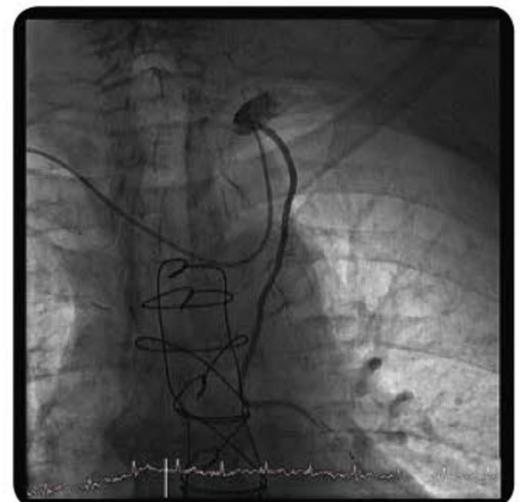
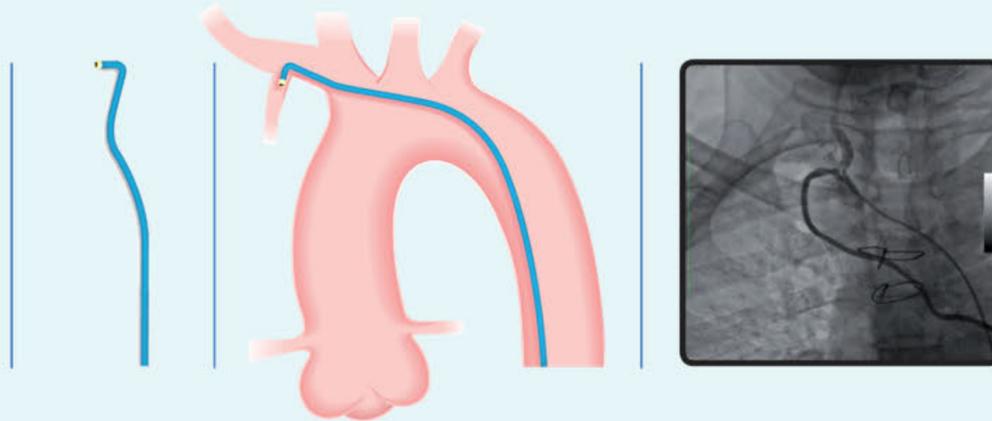


Figure 3

RIMA CURVE - RIGHT INTERNAL MAMMARY



[Read the case report](#)

The curve of the diagnostic catheter and RIMA guiding catheter is adapted to the selective cannulation of the right internal mammary artery (RIMA).

SPECIAL DETAILS

- Developed by Pr Gérard Finet at the Hospices Civils de Lyon.
- Curve taking into consideration the S-shaped anatomy going from the aortic arch to the brachiocephalic trunk for selective catheterisation and better stability.
- Adapted to femoral approach.

PR G. FINET TECHNIQUE

- Take the guidewire up to the aortic arch and take the catheter forward on the guidewire also up to the arch.
- In the position LAO 20°, turn the catheter clockwise in order to position it in the upper part of the aortic arch at the entrance of the brachiocephalic trunk.
- The guidewire is then pushed selectively into the brachiocephalic trunk in order to cannulate the subclavian artery as far as possible. the catheter is then pushed onto the guidewire beyond the ostium of the RIMA.
- Once the guidewire is withdrawn, pull and twist the catheter gently to selectively catheterise the RIMA.

Evaluation of the RIMA Curve

Conducted by Pr G. Finet – Hospices Civils de Lyon, France

Protocol

3 different clinical evaluations to evaluate the success rate of the catheterism of the right internal mammary artery:

- E1: series of 28 patients using a JR 4 6F Cordis diagnostic catheter.
- E2: series of 47 consecutive patients using a RIMA diagnostic catheter.
- E3: series of 22 patients first using a JR 4 diagnostic catheter and then the RIMA. The time for catheterising was registered for each catheter.

Results

Overall, 69 patients using the RIMA catheter were analysed.

Success rate

- Series E1: 13/28 i.e. **46 %** success rate for **JR 4**.
- Series E2: 41/47 i.e. **87 %** success rate for the **RIMA**.
- Series E3: 9/22 i.e. **41 %** for the **JR 4** and 21/22 i.e. **95 %** for the **RIMA** ($p = 0.0005$).

Time for cannulating the artery

Faster procedure with the **RIMA** catheter (**114 +/- 21 sec**) than with **JR 4** (**210 +/- 73 sec**) $p < 0.003$

Most of the failures with the JR 4 are associated with instability of the position and due to a twisted anatomy of the site. The catheter could not be kept in a sufficiently stable position to enter the ostium of the right internal mammary artery in one single attempt.

Even in cases where the catheterism was selective with JR 4 (42 %), the result was anatomically imperfect, with the end of the catheter exerting too much pressure on the ostium.

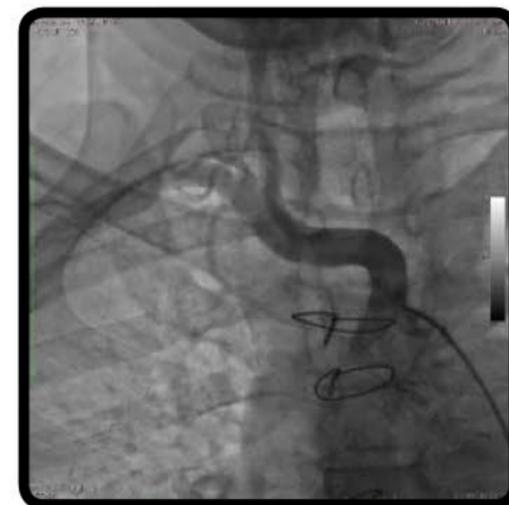
The only patient for whom the RIMA was a failure was a 78 year old person with a particularly tortuous vascular anatomy.

Complications

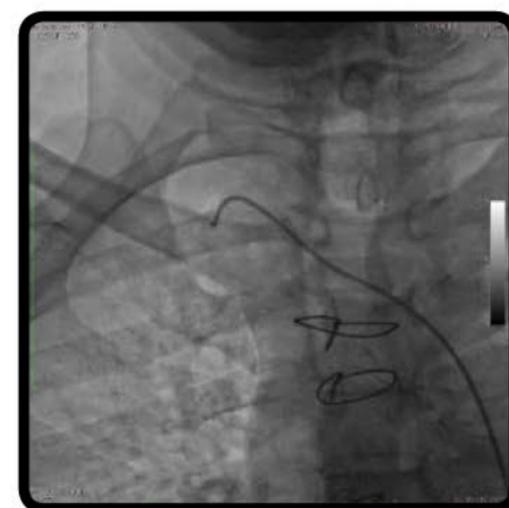
One patient in series E1 suffered a cerebral embolisation.

Discussion

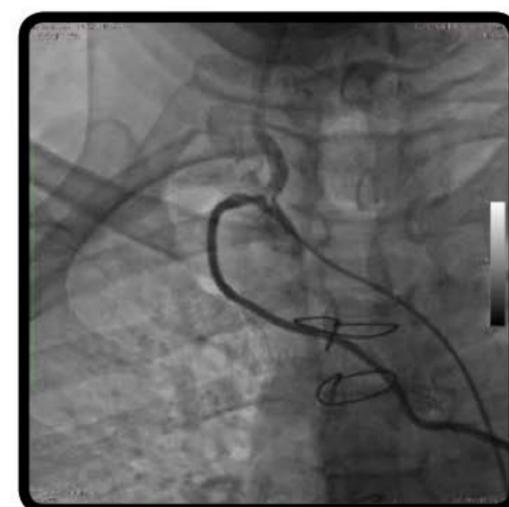
The procedure using a RIMA catheter to cannulate the right internal mammary artery is rapid and has proved its success in 90 % of cases. This success rate is similar to that obtained for selectively cannulating the left internal mammary artery with a specific left IM catheter.



Easy catheterism of the right brachiocephalic trunk*



Advanced on guiding and withdrawal for stable position*

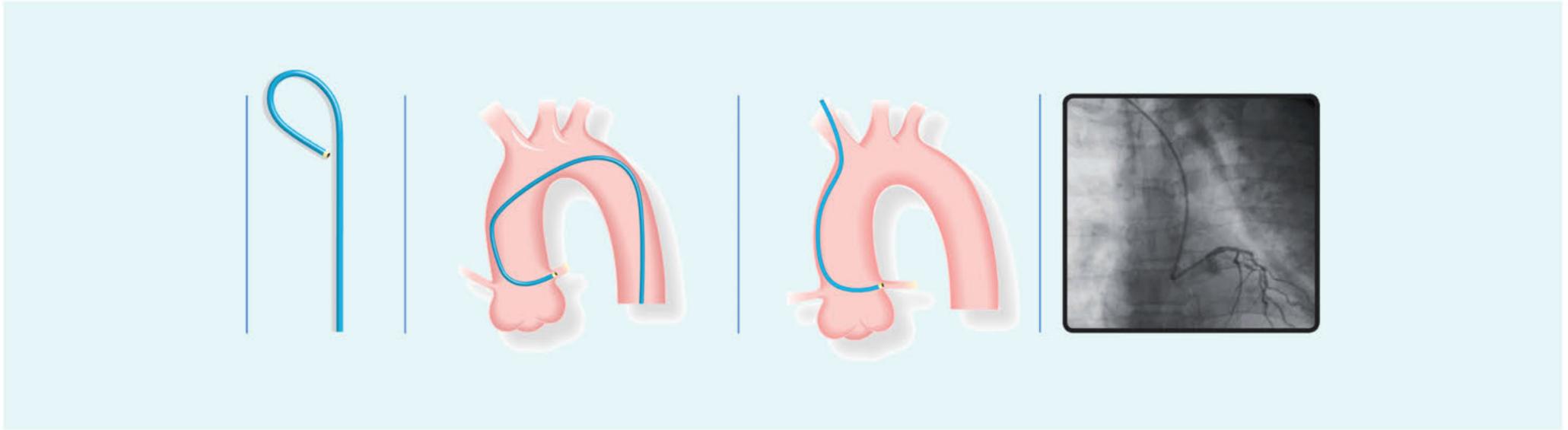


Selective injection of the right internal mammary artery*

Finet G. et al Cathet Cardiovasc Interv
1999; 48:226-229

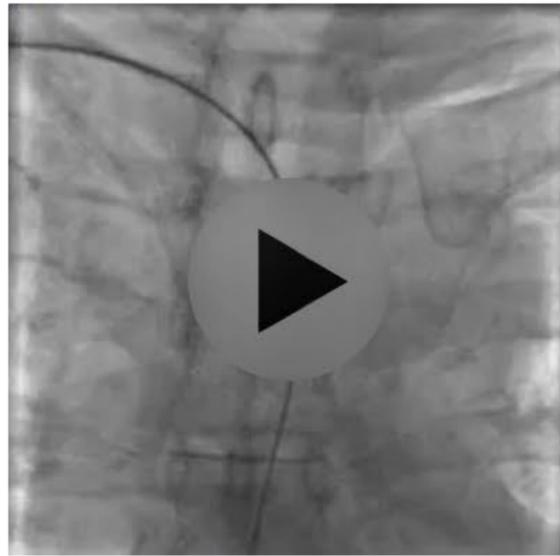
* Images of the mammary artery supplied
by Pr G. Finet

EXTRA BACK-UP DIAGNOSTIC CATHETERS



Dr Henri Benkemoun from Clinique Saint-Pierre in Perpignan uses this type of shape to perform coronary angiography of the left coronary artery with superior take-off.

It is adapted for femoral and radial access.



PERIPHERAL

A wide range of Flush and Selective Dx catheters. Cordis offers braided and hydrophilically coated Dx catheters to cover your Endovascular cases. Cordis also offers catheters with MB for EVAR procedures.

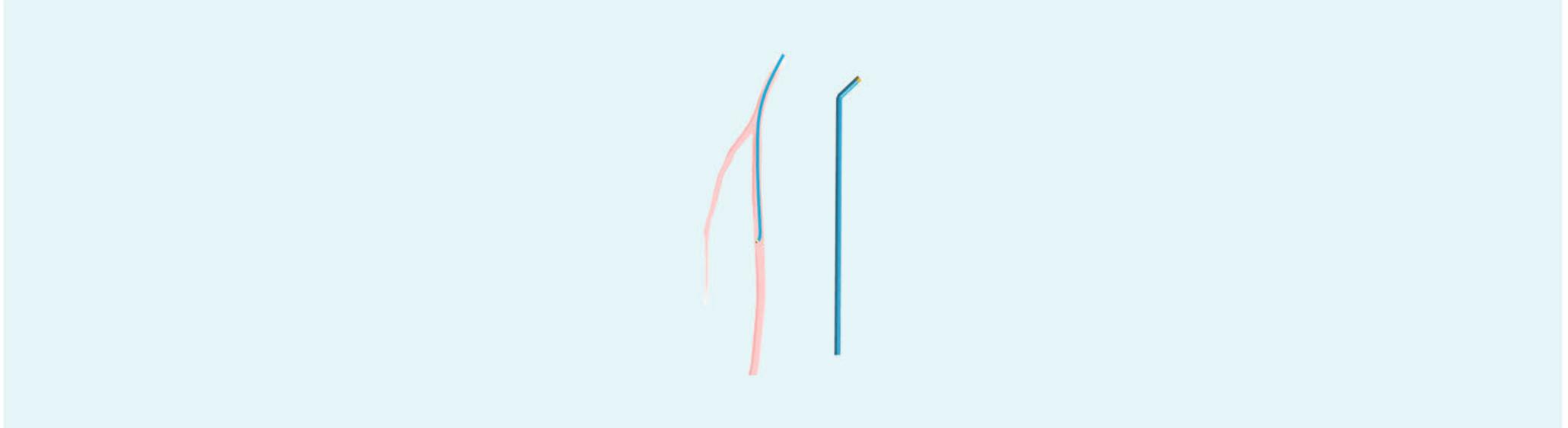


Leg



Evar

VERTEBRAL SHAPE FOR SUBINTIMAL RECANALIZATION



TEMPO™ AQUA 125CM VERTEBRAL SHAPE:

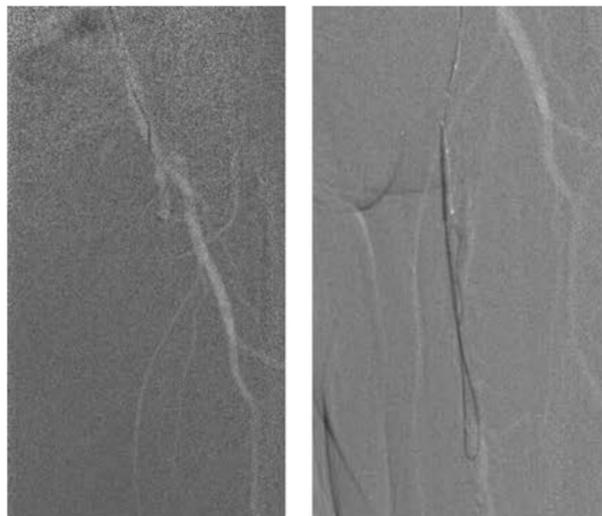
Features:

- Braided shaft design
- Hydrophilic coating on the distal part of the shaft

In his daily practice Dr. Peter Goverde uses it as a support and re-entry catheter during subintimal recanalization in combination with a hydrophilic guide wire like AQUATRACK.

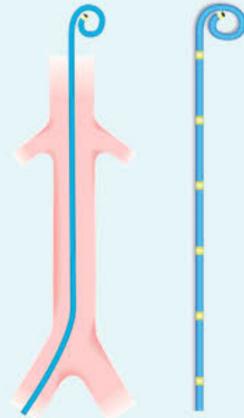
'Steps of subintimal recanalization procedure: place the catheter and wire subintimally, make a loop with the wire and advance simultaneously. When reaching the reconstitution point, make sure the wire has a short or small loop. Torque TEMPO™ AQUA to orient towards true lumen and direct the wire to re-enter'

Dr. Peter Goverde, ZNA Stuivenberg - Belgium



Courtesy of Ali Amin, MD

PIGTAIL WITH MB FOR EVAR

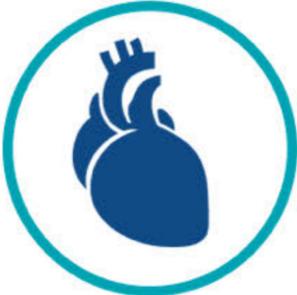


The ST MB catheters feature the same attributes, features & benefits as our standard DX catheters in terms of torque, stability, flow and pressure resistance...

According to Dr Ali Amin the imbedded gold markers allow for correct and accurate lengths measurement in-situ. E.g. when the total length of an Endograft (EVAR) needs to be confirmed within the interventional procedure. Depending on the preference of the doctor and the location of the intervention, we offer our ST MB catheters in different lengths and with different markerband configurations.



FULL PORTFOLIO



Cardiology



Endovascular



Packs

CARDIOLOGY

AL AMPLATZ LEFT

BARBEAU BARBEAU

LCB, RCB CORONARY BYPASS TECHNIQUES

XB EXTRA BACK UP LEFT

IM INTERNAL MAMMARY

JL JUDKINS LEFT

MP MULTIPURPOSE

RADIAL RADIAL BILATERAL SHAPES

JFR JEAN FAJADET RIGHT

STRAIGHT STRAIGHT

3DRC 3-DIMENSIONAL RIGHT CORONARY -
WILLIAMS TECHNIQUE

AR MOD AMPLATZ RIGHT MODIFIED

CAS CASTILLO TECHNIQUE

EGB EL GAMAL TECHNIQUE

GENSINI GENSINI

JCL JUDKINS CURVED LEFT

JR JUDKINS RIGHT

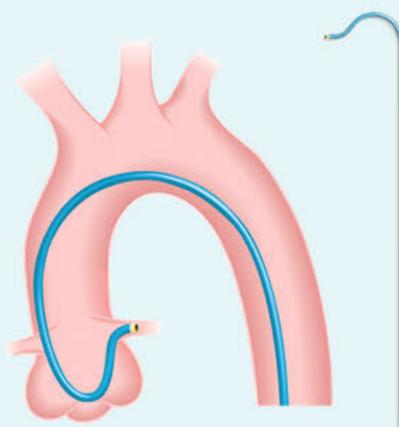
N.I.H. N.I.H. ADULT & PAEDIATRIC CURVE

SRC SPECIAL RIGHT CORONARY - NOTO
TECHNIQUE

SON SONES TECHNIQUE

PIG PIGTAIL

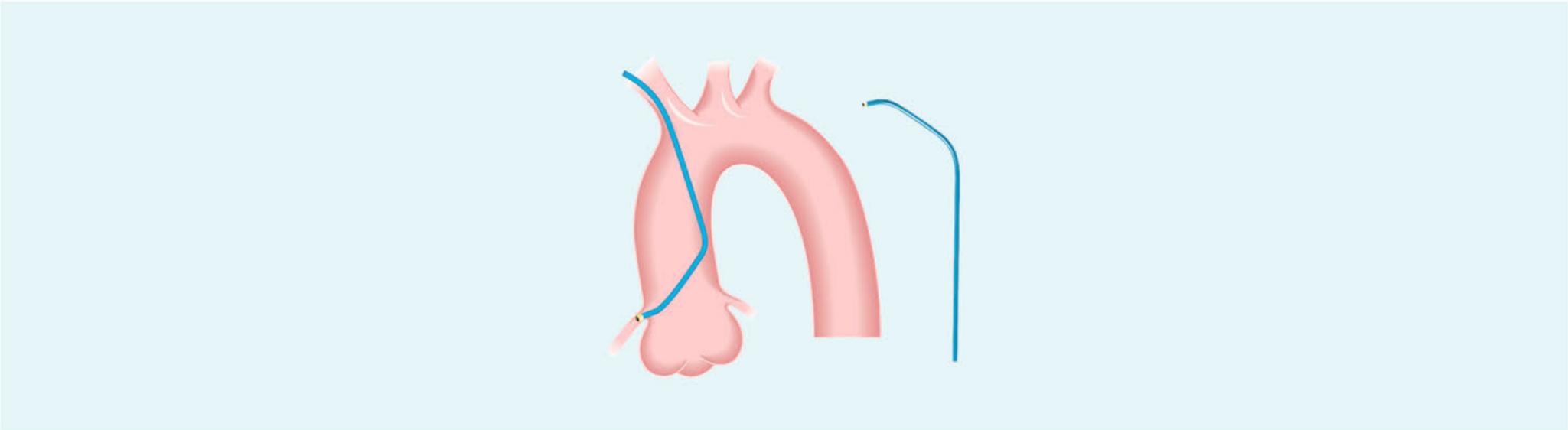
AL - AMPLATZ LEFT



Length	Name	Description	4F QUICKCARE INFINITI®	5F INFINITI®	5F TEMPO™ AQUA	5,2F SUPER TORQUE® PLUS	6F SUPER TORQUE® PLUS	6F INFINITI®	7F HIGHFLOW™
100 cm	AL .75	Amplatz Left .75				SRD6916*			
100 cm	AL 1	Amplatz Left 1	538-445	534-545T	SRD7011*	533-540	533-654	534-645T	527-740
125 cm	AL 1	Amplatz Left 1		SRD5566*			SR3349*		
100 cm	AL 1.5	Amplatz Left 1.5				SRD6547*		SRD5643*	
100 cm	AL 2	Amplatz Left 2	538-446	534-546T	SRD7082*	533-542	533-646	534-646T	527-741
100 cm	AL 2	Amplatz Left 2			SRD7043* (5 units)				
125 cm	AL 2	Amplatz Left 2		SR4982*		SR3008*			
100 cm	AL 3	Amplatz Left 3	538-447	534-547T		533-544	533-647	534-647T	

* Please note that the modified standard catheters will be produced on special request and are subject to longer delivery times and list prices.

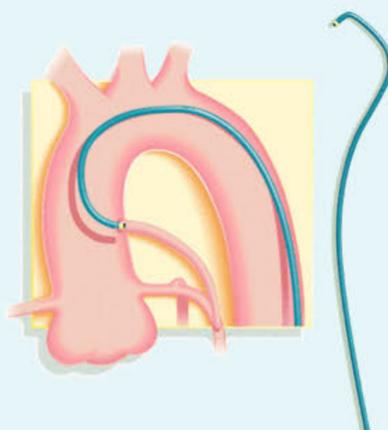
BARBEAU



Length	Name	Description	4F QUICKCARE INFINITI®	5F INFINITI®	6F SUPER TORQUE® PLUS
100 cm	BARBEAU 2SH	Barbeau, 2 side holes	SRD5505*	534-578T	SRD5897*

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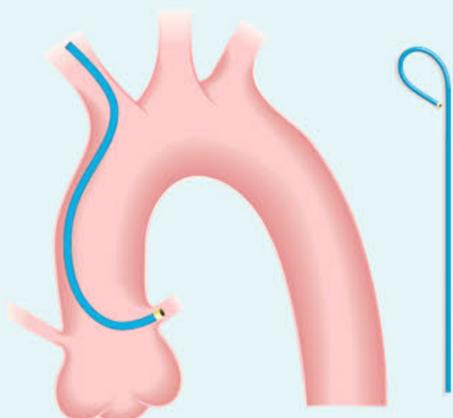
CORONARY BYPASS TECHNIQUES



Length	Name	Description	4F QUICKCARE INFINITI®	5F INFINITI®	5F TEMPO™ AQUA	5,2F SUPER TORQUE® PLUS	6F SUPER TORQUE® PLUS	6F INFINITI®	7F HIGHFLOW™
100 cm	LCB	Left Coronary Bypass	538-472	534-572T		533-572	533-672	534-672T	527-772
100 cm	RCB	Right Coronary Bypass	538-470	534-570T	SRD7116*	533-570	533-670	534-670T	527-770

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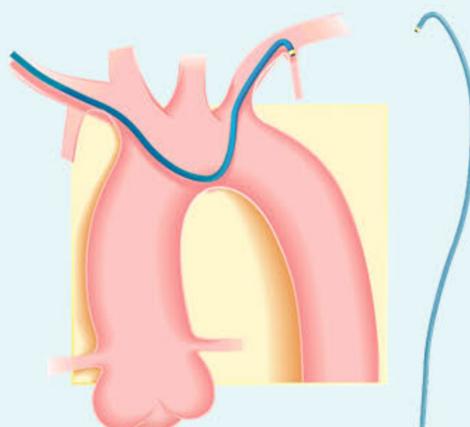
XB - EXTRA BACK UP LEFT



Length	Name	Description	4F QUICKCARE INFINITI®	5F INFINITI®	5,2F SUPER TORQUE® PLUS	6F SUPER TORQUE® PLUS
100 cm	XB 3.0	Extra Back-up	SRD7033*	SRD5124*		SRD6172*
100 cm	XB 3.5	Extra Back-up	SRD6642*	SRD6987*	SR4444*	
100 cm	XB 3.5	Extra Back-up Short Tip			SR4615*	
100 cm	XB 4	Extra Back-up	SRD6020*			

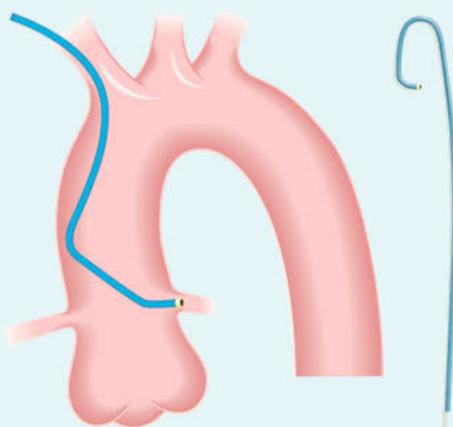
* Please note that the modified standard catheters will be produced on special request and are subject to longer delivery times and list prices.

INTERNAL MAMMARY



Length	Name	Description	4F QUICKCARE INFINITI®	4F SUPER TORQUE®	5F INFINITI®	5F TEMPO™ AQUA	5,2F SUPER TORQUE® PLUS	6F SUPER TORQUE® PLUS	6F INFINITI®	7F HIGHFLOW™
100 cm	IM VB1						SRD6700*			
100 cm	IM	Internal Mammary	538-460		534-560T		533-580	533-660	534-660T	527-760
100 cm	IM-MOD	Internal Mammary Modified			SRD5263		SR4658	SR4775		
100 cm	IM-MOD-2	Internal Mammary Modified 2				SRD6988*	SR4268			
100 cm	IM-MOD-3	Internal Mammary Modified 3					SR4685			
100 cm	IM-MOD-4	Internal Mammary Modified 4			SRD5459					
100 cm	IM-MOD-5	Internal Mammary Modified 5		SRD5816						
100 cm	IM-MOD-6	Internal Mammary Modified 6				SRD6945				
100 cm	IM-MOD-7	Internal Mammary Modified 7				SRD7010				
100 cm	IM-MOD-8	Internal Mammary Modified 8			TL5IMMOD					
100 cm	IM BARBEAU	Internal Mammary			SRD6837					

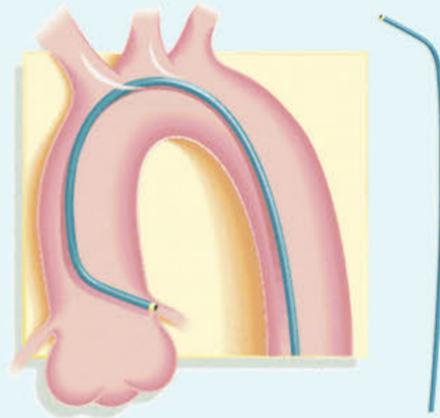
JL - LEFT CORONARY JUDKINS TECHNIQUE



Length	Name	Description	4F QUICKCARE INFINITI®	5F INFINITI®	5F TEMPO™ AQUA	5,2F SUPER TORQUE® PLUS	6F SUPER TORQUE® PLUS	6F INFINITI®	7F HIGHFLOW™
80 cm	JL 2.5	Judkins Left 2.5	SR4533*						
100 cm	JL 2.5	Judkins Left 2.5				SRD6787*			
100 cm	JL 3	Judkins Left 3.0		SRD6994*		SR3216*	SR3963*	SRD6979* (5 units)	
80 cm	JL 3	Judkins Left 3.0	SR4532*			SR4747*			
100 cm	JL 3.5	Judkins Left 3.5	538-418	534-518T	SRD7061*	533-551	533-618	534-618T	527-718
100 cm	JL 3.5	Judkins Left 3.5			SRD7083* (5 units)				
100 cm	JL 4	Judkins Left 4	538-420	534-520T	SRD7084* (5 units)	533-553	533-620	534-620T	527-720
100 cm	JL 4	Judkins Left 4			SRD7042* (1 unit)		SR4129* (25 units)		
100 cm	JL 4 ST	Judkins Left 4 Short Tip					SRD5568*		
125 cm	JL 4	Judkins Left 4	SRD5217*	SRD4984*		SR4690*	SR3056*	534-614T	
100 cm	JL 4.5	Judkins Left 4.5	538-417	534-517T		533-527	533-627	534-617T	
100 cm	JL 5	Judkins Left 5	538-422	534-522T		533-559	533-622	534-622T	527-722
125 cm	JL 5	Judkins Left 5		SR4778*		SR5004*	SR3472*		
100 cm	JL 6	Judkins Left 6	538-424	534-524T		533-561	533-624	534-624T	527-724
110 cm	JL 6	Judkins Left 6				SRD6663*			
125 cm	JL 6	Judkins Left 6				SR2889*			

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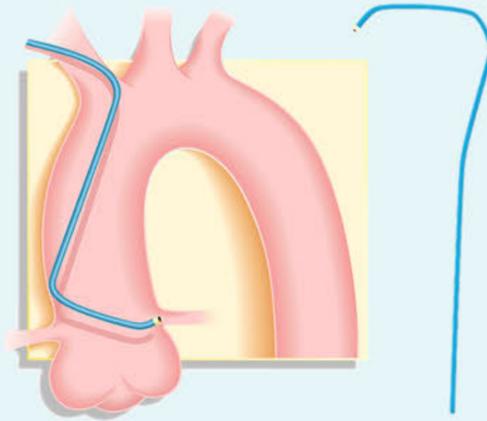
MP - MULTIPURPOSE



Length	Name	Description	4F QUICKCARE INFINITI®	5F INFINITI®	5F TEMPO™ AQUA	5,2F SUPER TORQUE® PLUS	6F SUPER TORQUE® PLUS	6F INFINITI®	7F HIGHFLOW™
65 cm	MPA 1	Multipurpose A				533-579	533-633		SRD6704
80 cm	MPA 1	Multipurpose A				533-579	533-633		
100 cm	MPA 1	Multipurpose A Cournand		SR4967*		533-578	533-640		527-784
100 cm	MPA 1	Multipurpose A	SRD5190*	SR4967		SR1924	533-667		527-733
125 cm	MPA 1	Multipurpose A			SRD6858		533-667		527-733
65 cm	MPA 2 2SH	Multipurpose A-2, 2 side holes	538-440	534- 540T					
80 cm	MPA 2 2SH	Multipurpose A-2, 2 side holes	538-449	534- 549T					
100 cm	MPA 2 2SH	Multipurpose A-2, 2 side holes	538-442			533-556			
125 cm	MPA 2 2SH	Multipurpose A-2, 2 side holes	538-444			533-557			
65 cm	MPA 2 2SH	Multipurpose A-2, 2 side holes				533-562			
80 cm	MPA 2 2SH	Multipurpose A-2, 2 side holes				533-532	533-629		
100 cm	MPA 2 2SH	Multipurpose A-2, 2 side holes	SRD5620*	534- 542T		533-582	533-642	534- 642T	527-742
125 cm	MPA 2 2SH	Multipurpose A-2, 2 side holes		534- 544T		533-587	533-644		527-787
100 cm	MPB 2	Multipurpose B-2		534- 539T			533-649	534- 649T	
100 cm	MPB 3	Multipurpose B Gensini					533-634		

* Please note that the modified standard catheters will be produced on special request and are subject to longer delivery times and charges.

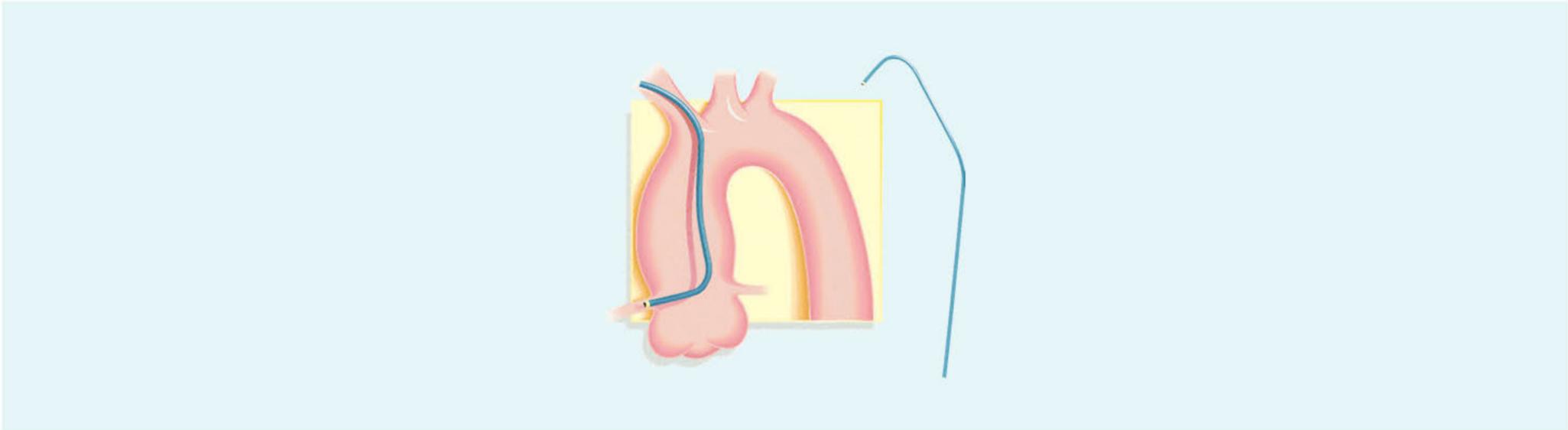
RADIAL - RADIAL BILATERAL SHAPES



Length	Name	Description	4F QUICKCARE INFINITI®	5F INFINITI®	5F TEMPO™ AQUA	5,2F SUPER TORQUE® PLUS	6F SUPER TORQUE® PLUS	6F INFINITI®
100 cm	RBL 3.5	Radial Bilateral 3.5			SRD7080*			SRD7114*
100 cm	RBL 4.0	Radial Bilateral 4.0		SRD7063	SRD7045			SRD7064
100 cm	RBL 4.0 (pack of 5)	Radial Bilateral 4.0			SRD7086*			
100 cm	RBL 4.0 2SH	Radial Bilateral 4.0, 2 side holes	SRD7057	SRD7044		SRD7059	SRD7055	SRD7048
110 cm	RBL 4.0	Radial Bilateral 4.0		SRD7027*				
100 cm	RBL 4.5	Radial Bilateral 4.5		SRD7070*	SRD7074		SRD7071*	SRD7073*
100 cm	RBL 5.0	Radial Bilateral 5.0		SRD7065	SRD7047			SRD7066
100 cm	RBL 5.0 2SH	Radial Bilateral 5.0, 2 side holes	SRD7058	SRD7046		SRD7060	SRD7056	SRD7049
110 cm	RBL 5.0	Radial Bilateral 5.0		SRD7026* (5 units)				
110 cm	RBL 5.0	Radial Bilateral 5.0			SRD7087*			
100 cm	RBLA	Radial Bilateral A			SRD7075		SRD7072	
100 cm	RBL-4C	Radial Bilateral 4C			SRD7105			
100 cm	RBL modified	RBL modified/LEMAN			SRD7121*	SRD7050*		
100cm	RB	Radial Bilateral			SRD7104*			
100cm	BL	Radial/brachial (Tilon)		SRD5892*	SRD7107	SRD7102*		
100 cm	RBMP	Radial Bilateral Multipurpose		SRD6724*	SRD7106*		SRD5757*	SRD5895
100 cm	Kimny	Kimny				SRD7113*		

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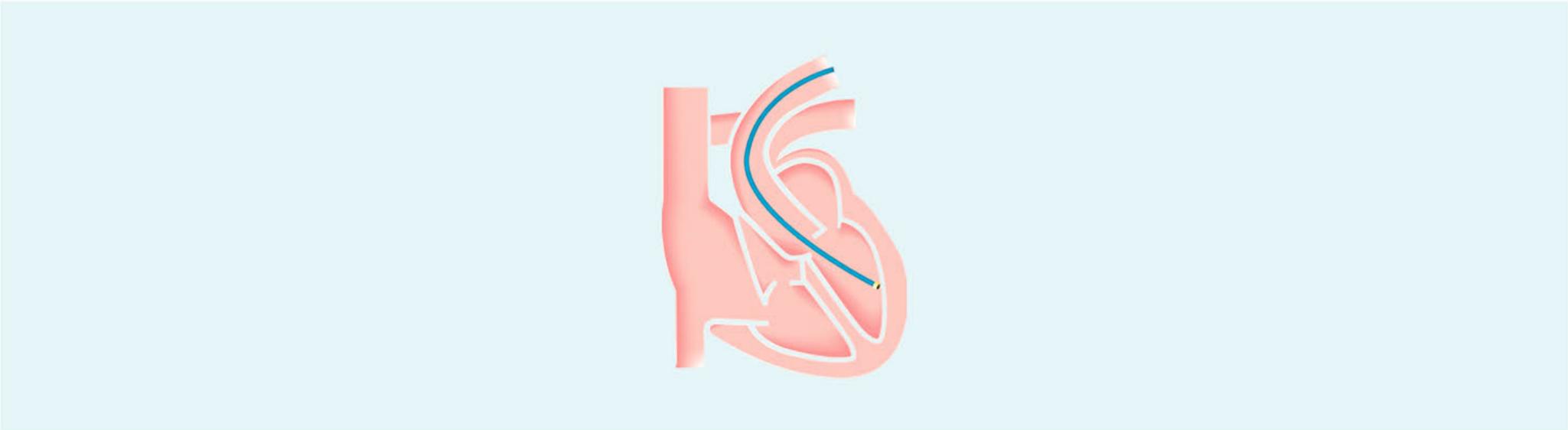
JFR - JEAN FAJADET RIGHT



Length	Name	Description	5,2F SUPER TORQUE® PLUS
100 cm	JFR	JFR JEAN FAJADET RIGHT	SRD6929*

* Please note that the modified standard catheters will be produced on special request and are subject to longer delivery times and list prices.

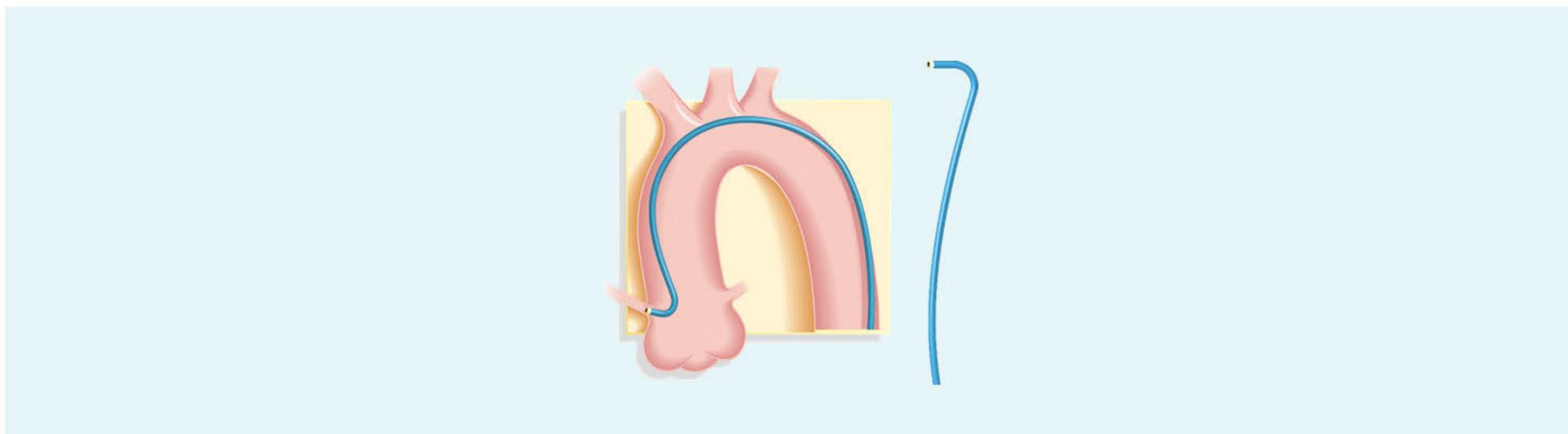
STRAIGHT



Length	Name	Description	4F NYLEX®	5,2F SUPER TORQUE® PLUS
65 cm	Straight	Straight 8 side holes	SRD7034	
80 cm	Straight	Straight		SR4098*

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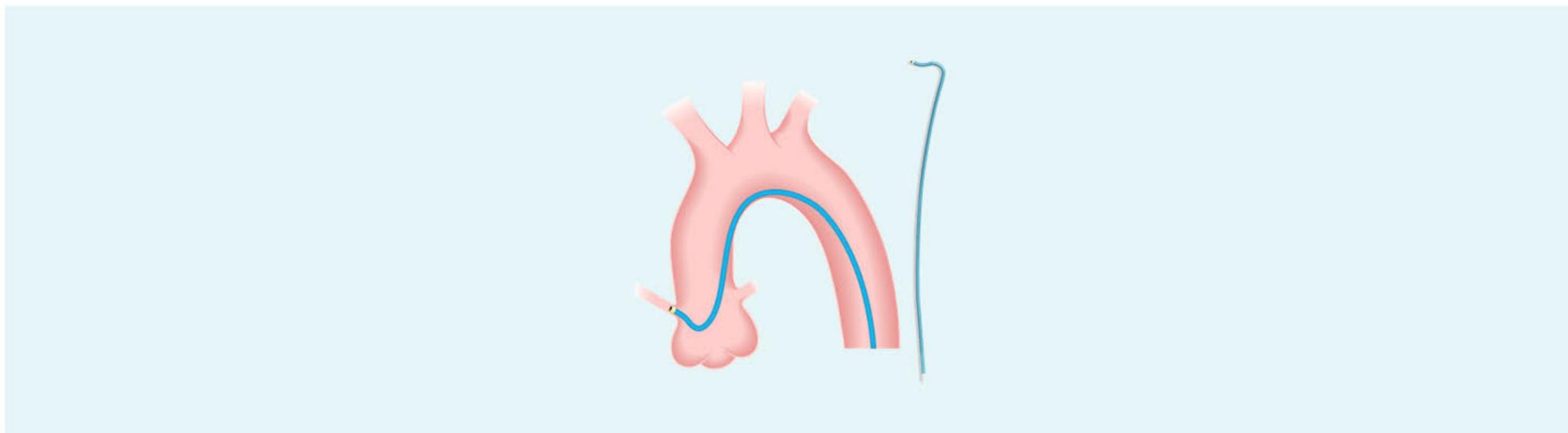
3DRC - 3-DIMENSIONAL RIGHT CORONARY - WILLIAMS TECHNIQUE



Length	Name	Description	4F QUICKCARE INFINITI®	5F INFINITI®	5F TEMPO™ AQUA	5,2F SUPER TORQUE® PLUS	6F SUPER TORQUE® PLUS	6F INFINITI®
100 cm	3 DRC	3-Dimensional Right Coronary	538-476	534-576T	SRD7090*	533-576	533-676	534-676T

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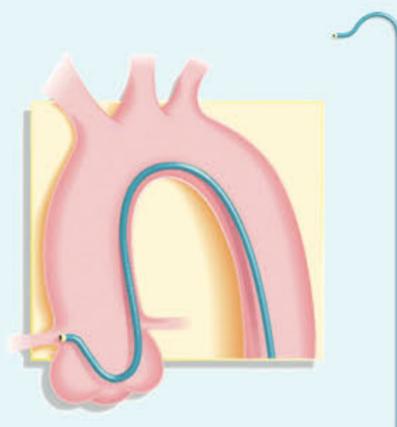
AR MOD - AMPLATZ RIGHT MODIFIED



Length	Name	Description	4F QUICKCARE INFINITI®	5F INFINITI®	5,2F SUPER TORQUE® PLUS	6F SUPER TORQUE® PLUS	6F INFINITI®	7F HIGHFLOW™
100 cm	AR MOD	Amplatz Right Modified	538-448	534-548T	533-554	533-648	534-648T	527-748
100 cm	AR 1 MOD	Amplatz Right 1 Modified	538-441	534-541T		533-641	534-641T	
100 cm	AR 2 MOD	Amplatz Right 2 Modified	538-443	534-543T		533-643	534-643T	

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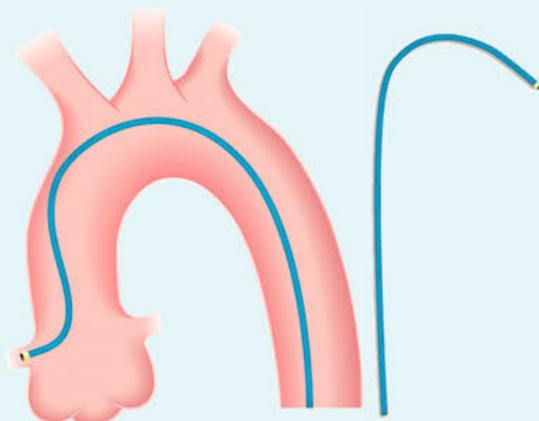
CAS - CASTILLO TECHNIQUE



Length	Name	Description	5F INFINITI®	5,2F SUPER TORQUE® PLUS	6F SUPER TORQUE® PLUS
100 cm	CAS 1	Castillo 1		533-584	533-684
80 cm	CAS 2	Castillo 2		SR4461	533-682
100 cm	CAS 2	Castillo 2		533-585	533-685
100 cm	CAS 3	Castillo 3			533-686

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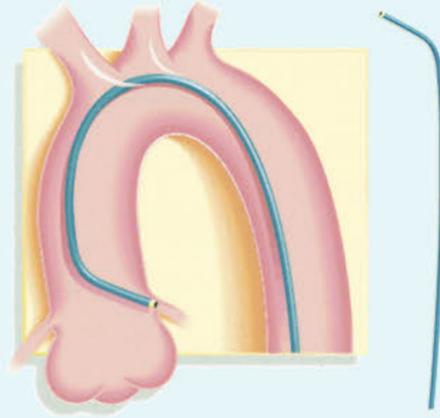
EGB - EL GAMAL TECHNIQUE



Length	Name	Description	5F INFINITI®	6F SUPER TORQUE® PLUS
100 cm	EGB 2SH	El Gamal, 2 side holes	SR5007*	
100 cm	EGB 1	El Gamal 1		533-637
100 cm	EGB 2	El Gamal 2		533-638

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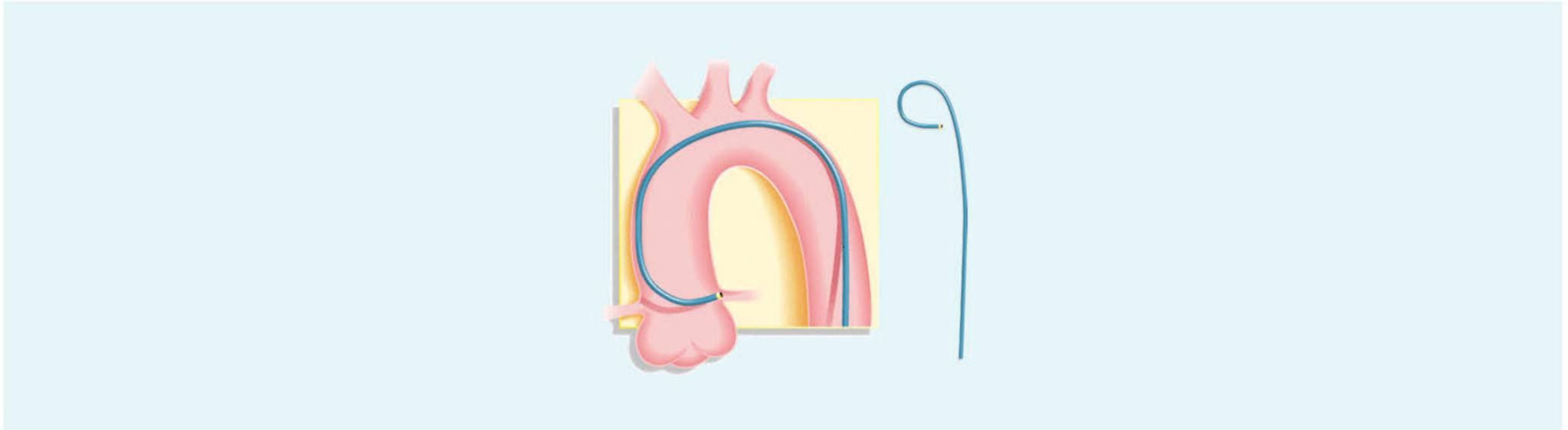
GENSINI



Length	Name	Description	4F QUICKCARE INFINITI®	4F SUPER TORQUE®
80 cm	Gensini 6SH	Gensini 6 sideholes		SRD3448*

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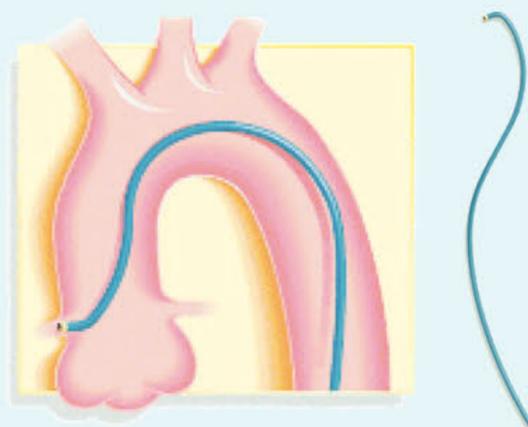
JCL - JUDKINS CURVED LEFT



Length	Name	Description	6F INFINITI®
100 cm	JCL 3.5	JudkinsCurved Left 3.5	SRD7101*

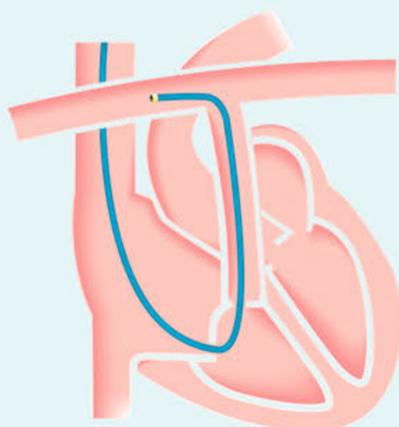
* Please note that the modified standard catheters will be produced on special request and are subject to longer delivery times and list prices.

JR - JUDKINS RIGHT



Length	Name	Description	4F QUICKCARE INFINITI®	5F INFINITI®	5F TEMPO™ AQUA	5,2F SUPER TORQUE® PLUS	6F SUPER TORQUE® PLUS	6F INFINITI®	7F HIGHFLOW™
80 cm	JR 2	Judkins Right 2	SR4038*						
100 cm	JR 2.5	Judkins Right 2				SRD5149*			
80 cm	JR 2.5	Judkins Right 2	SR4531*			SR1971*			
100 cm	JR 3 2SH	Judkins Right 3, 2 side holes				SRD5558*			
100 cm	JR 3.5	Judkins Right 3.5	538-419	534-519T		533-550	533-619	534-619T	527-719
100 cm	JR 4	Judkins Right 4	538-421	534-521T	SRD7085*	533-552	533-621	534-621T	527-721
125 cm	JR 4	Judkins Right 4	SRD5216*	SRD4986*		533-565	SR3055*	534-615T	
100 cm	JR 4 4SH	Judkins Right 4, 4 side holes				SRD5408*			
100 cm	JR 4 Classic	Judkins Right 4 Classic					533-687		
100 cm	JR 4 RECESSED BRAID	Judkins Right 4 Recessed Braiding					533-689		
100 cm	JR 4 MOD	Judkins Right 4 Modified	538-428			533-528	533-628	534-628T	
100 cm	JR 4 ST	Judkins Right 4 Short Tip	538-427	534-527T		533-563	533-626	534-627T	
100 cm	JR 5	Judkins Right 5	538-423	534-523T		533-558	533-623	534-623T	527-723
125 cm	JR 5	Judkins Right 5		SR4777*		SR5005*	SR3471*		
100 cm	JR 5 MOD	Judkins Right 5 Modified						534-629T	
100 cm	JR 6	Judkins Right 6	538-425	534-525T		533-560	533-625		

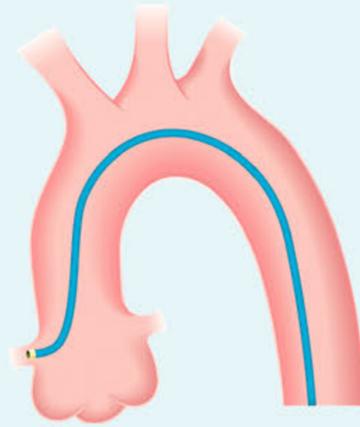
N.I.H. ADULT & PAEDIATRIC CURVE



Length	Name	Description	5F INFINITI®	6F SUPER TORQUE® PLUS	7F HIGHFLOW™
80 cm	N.I.H.	N.I.H. Adult Curve		533-635	
100 cm	N.I.H.	N.I.H. Adult Curve		533-636	527-745
50 cm	N.I.H.	N.I.H. Paediatric Curve	SR4925		
65 cm	N.I.H.	N.I.H. Paediatric Curve		533-525	
80 cm	N.I.H.	N.I.H. Paediatric Curve		533-535	
100 cm	N.I.H.	N.I.H. Paediatric Curve		533-545	

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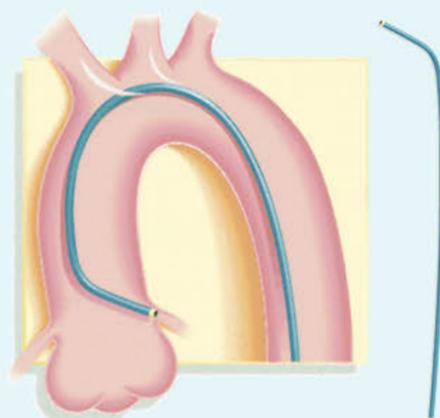
SRC - SPECIAL RIGHT CORONARY - NOTO TECHNIQUE



Length	Name	Description	4F QUICKCARE INFINITI®	5F INFINITI®	6F SUPER TORQUE® PLUS	6F INFINITI®
100 cm	SRC	Special Right Coronary - Noto Technique	538-474	534-574T	SRD6596*	534-674T

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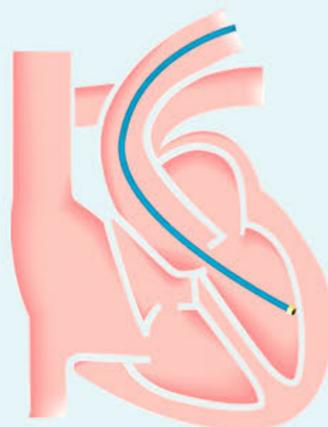
SON - SONES TECHNIQUE



Length	Name	Description	5F INFINITI®	5F TEMPO™ AQUA	5,2F SUPER TORQUE® PLUS	6F SUPER TORQUE® PLUS	6F INFINITI®
80 cm	SON 1 2SH	Sones 1, 2 side holes	534-530T				
110 cm	SON 1 4SH	Sones 1, 4 side holes			SRD5615*		
100 cm	SON 1	Sones 1	534-562T	SRD7088*			534-635T
100 cm	SON 1 4SH	Sones 1, 4 side holes	SR4827		SR2359*	533-630	
100 cm	SON 1.5	Sones 1.5	534-564T				
80 cm	SON 2 4SH	Sones 2, 4 side holes			533-531		
80 cm	SON 2 2SH	Sones 2, 2 side holes	534-531T				
125 cm	SON 2 4SH	Sones 2, 4 side holes			SR4158*	SR2984*	
100 cm	SON 2	Sones 2			SR2360*	533-631	534-637T
100 cm	SON 3 4SH	Sones 3, 4 side holes				533-632	

* Please note that the modified standard catheters will be produced on special request and are subject to longer delivery times and list prices.

PIG - PIGTAIL



Length	Name	Description	4F QUICKCARE INFINITI®	5F INFINITI®	5,2F SUPER TORQUE® PLUS	6F SUPER TORQUE® PLUS	6F INFINITI®	7F HIGHFLOW™
80 cm	PIG 4SH	Straight Pigtail 4 side holes			SR2726*			
110 cm	PIG 4SH	Straight Pigtail 4 side holes				533-650F		
125 cm	PIG 4SH	Straight Pigtail 4 side holes			SRD5287**			
110 cm	PIG 5SH	Straight Pigtail 5 side holes	538-451V					
80 cm	PIG 6SH	Straight Pigtail 6 side holes (mini)	SRD5674*		SR2726*			
110 cm	PIG 6SH	Straight Pigtail 6 side holes	538-450S*	534-550S	533-533	533-650S	534-650S	527-750S
125 cm	PIG 6SH	Straight Pigtail 6 side holes	SRD5406**	SRD5927**	SRD6064**	SR3279**	SRD5085**	
110 cm	PIG 8SH	Straight Pigtail 8 side holes	538-450E*	534-550E		533-650E	534-650E	527-750E
125 cm	PIG 8SH	Straight Pigtail 8 side holes		SR4902**	SR3453**			
50 cm	PIG 12SH	Straight Pigtail 12 side holes				SRD7092*		527-750
110 cm	PIG	Straight Pigtail 0 side holes				SRD6722**		
125 cm	PIG 6SH	Straight Pigtail 6 side holes	SRD5183*					
125 cm	PIG MARKER BANDS 6SH	Straight Pigtail 20 Marker Bands 6 side holes						
110 cm	PIG 145° MOD 5SH	Angled Pigtail 145° 5 side holes Modified	538-457V					

ENDOVASCULAR

JB2 BENTSON-HANAFEE-WILSON II

BERN BERENSTEIN

C1 COBRA (CHILD)

C3 COBRA (NORMAL ADULT)

H3 HEADHUNTER III

MAN I MAN I

MPB MULTIPURPOSE B

MULTIPURPOSE (SUBINTIMAL) MULTIPURPOSE (SUBINTIMAL RECANALIZATION)

HN4 NEWTON IV

PIG PIGTAIL

RENAL ADULT RENAL DOUBLE CURVE ADULT

SHK SHEPHERD HOOK II

UNI SELECT UNI SELECT

J-CURVE II J-CURVE II

SIM2 SIDEWINDER SIMMONS TECHNIQUE II

JB1 BENTSON-HANAFEE-WILSON I

JB3 BENTSON-HANAFEE-WILSON III

BERN2 BERENSTEIN

C2 COBRA (SMALL ADULT)

H1 HEADHUNTER I

HEPATIC HEPATIC

MPA MULTIPURPOSE ADULT

MULTIPURPOSE SMALL MULTIPURPOSE SMALL

HN3 NEWTON III

PIER PERCUTANEOUS INTENTIONAL EXTRALUMINAL

RENAL SMALL RENAL DOUBLE CURVE SMALL

SHK SHEPHERD HOOK I

CELIAC TRUNK CELIAC TRUNK

J-CURVE I J-CURVE I

SIM1 SIDEWINDER SIMMONS TECHNIQUE I

SIM4 SIDEWINDER SIMMONS TECHNIQUE IV

SIM3 SIDEWINDER SIMMONS TECHNIQUE III

UNI SELECT II UNI SELECT II

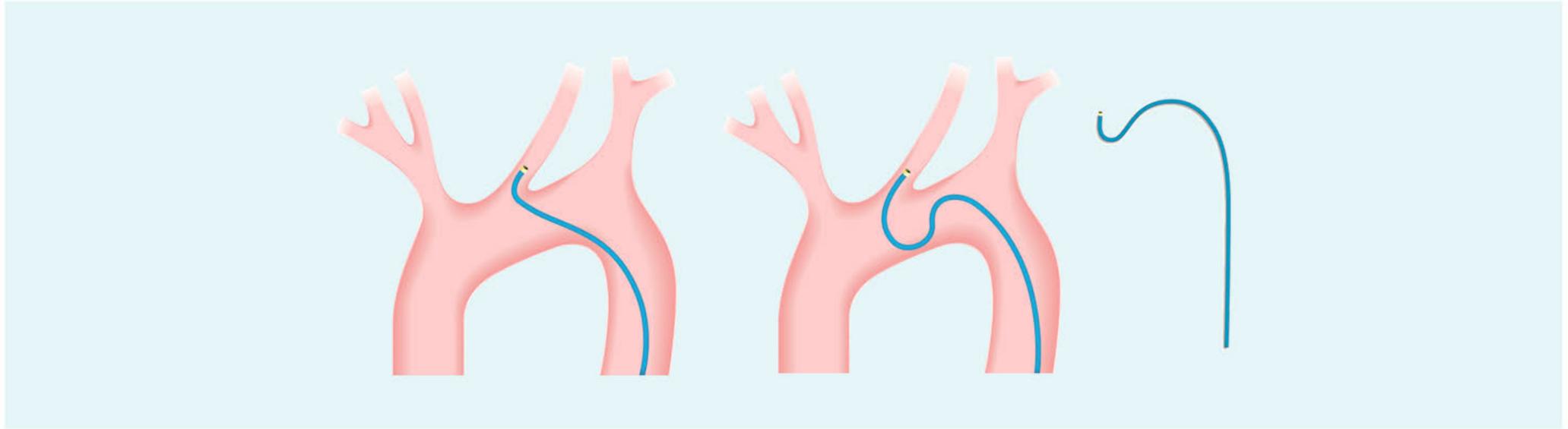
STR STRAIGHT

VERT VERTEBRAL

UNIV UNIVERSAL FLUSH

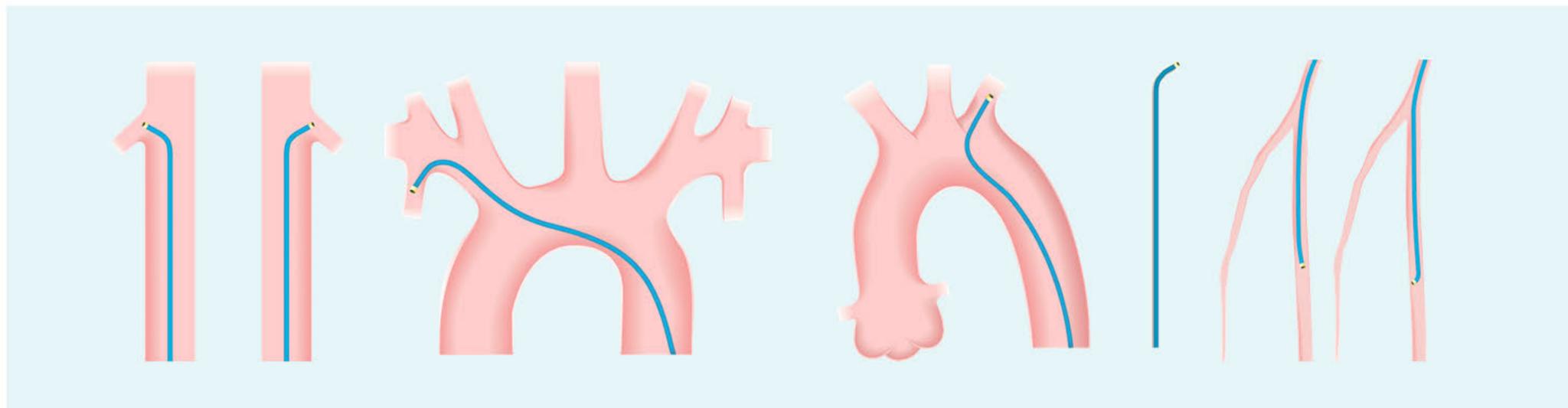
VICERAL VICERAL

JB2 - BENTSON-HANAFEE-WILSON II



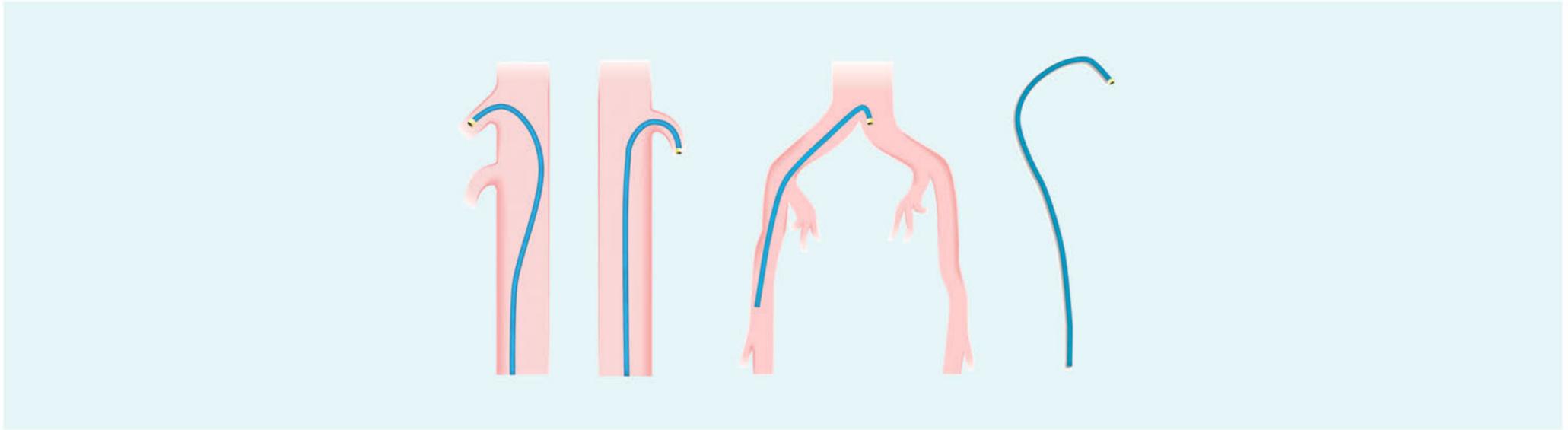
Length	Name	Description	4F SUPER TORQUE®	5F SUPER TORQUE®	4F TEMPO™	5F TEMPO™
100 cm	JB2	Bentson-Hanafee-Wilson II	532-437	532-543H0	451-424H0	451-524H0
125 cm	JB2	Bentson-Hanafee-Wilson II				SRD6013

BERN - BERENSTEIN



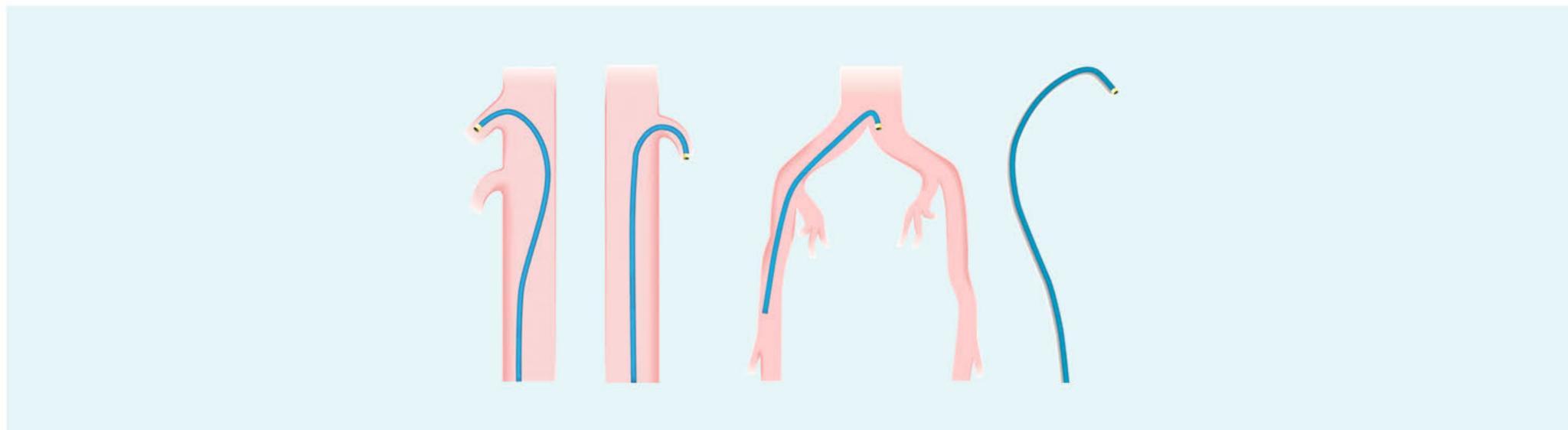
Length	Name	Description	4F SUPER TORQUE®	4F TEMPO™	5F TEMPO™	4F TEMPO™ AQUA	5F TEMPO™ AQUA
65 cm	BERN	Berenstein		451-413V0	451-513V0		
100 cm	BERN	Berenstein	532-405	451-413H0	451-513H0	452-413H0	452-513H0
125 cm	BERN	Berenstein		SRD5753	SRD6138		

C1 - COBRA



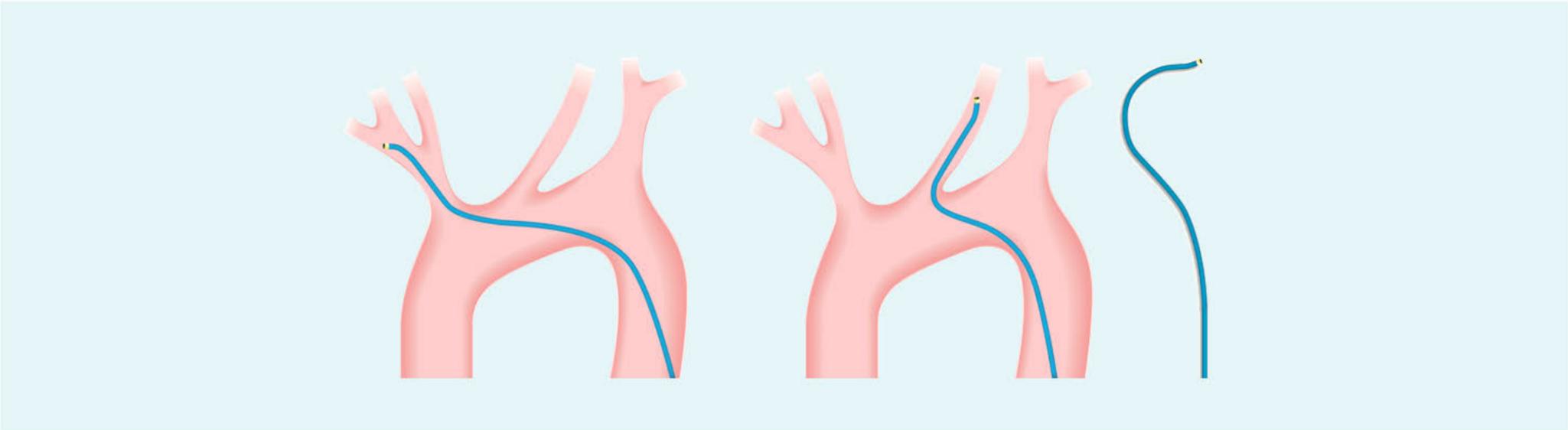
Length	Name	Description	4F SUPER TORQUE®	5F SUPER TORQUE®	4F TEMPO™	5F TEMPO™	4F TEMPO™ AQUA	5F TEMPO™ AQUA
65 cm	C1	Child 1	532-440	532-512	451-442V0	451-542V0	452-442V0	452-542V0
65 cm	C1 2SH	Child 1 2 side holes	532-441	532-515	451-442V2	451-542V2		
100 cm	C1	Cobra 1			SRD6541			

C3 - COBRA



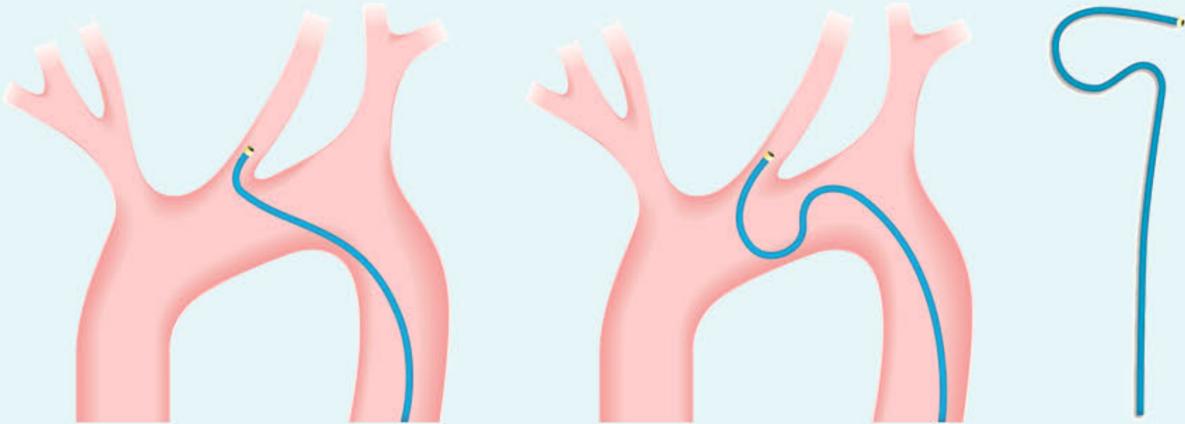
Length	Name	Description	4F SUPER TORQUE®	5F SUPER TORQUE®	6F SUPER TORQUE®	4F TEMPO™	5F TEMPO™
65 cm	C3	Normal adult	532-444	532-514	455-672	451-444V0	451-544V0
65 cm	C3 2SH	Normal adult 2 side holes	532-445	532-517			451-544V2

H3 - HEADHUNTER III



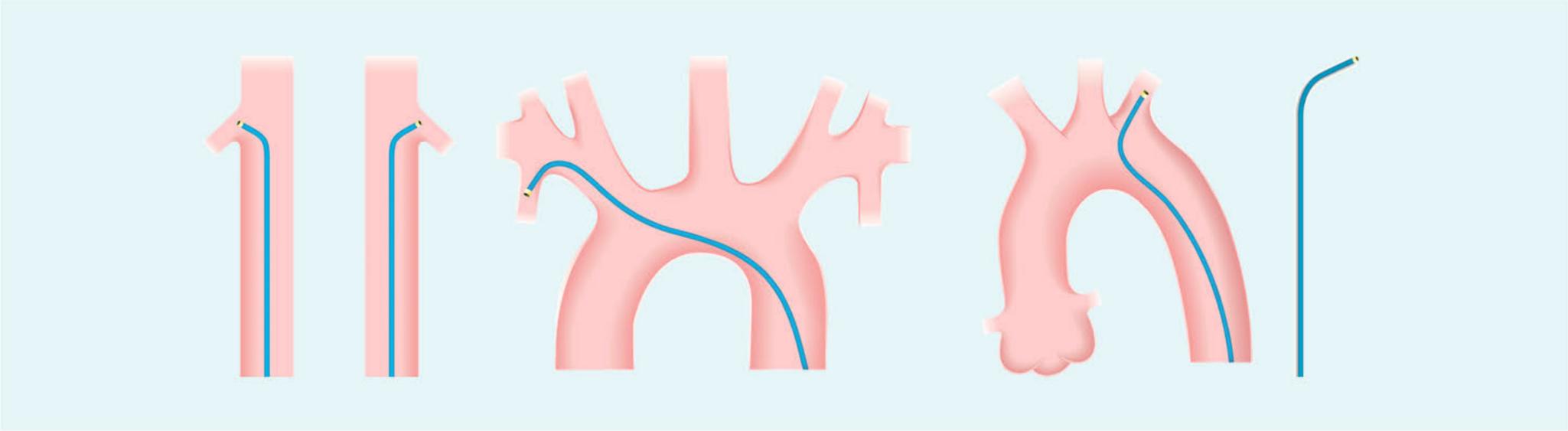
Length	Name	Description	4F TEMPO™	5F TEMPO™
100 cm	H3	Headhunter III	451-439H0	451-539H0

MAN I



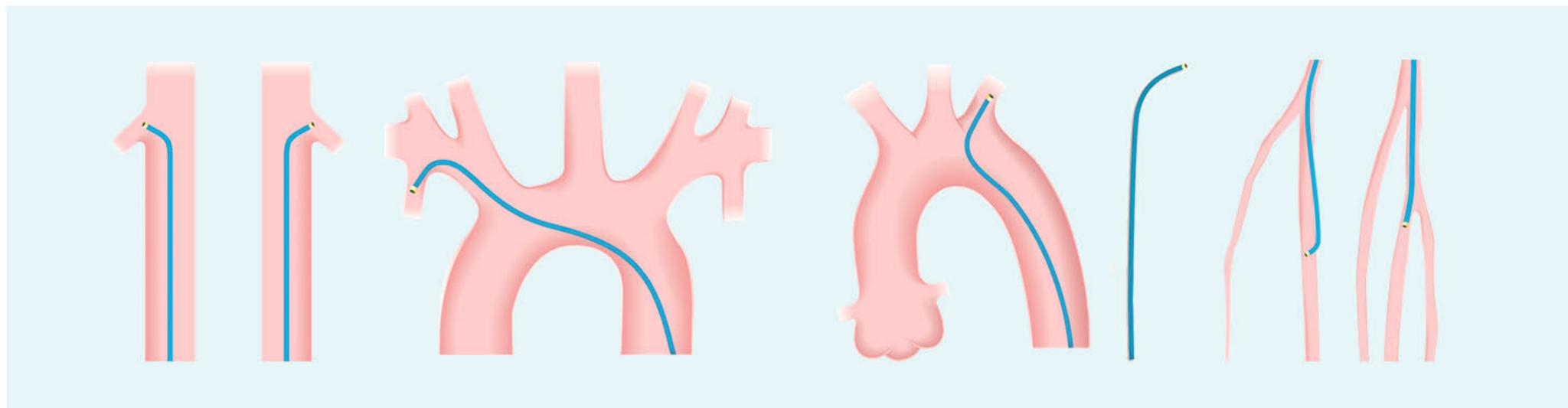
Length	Name	Description	4F SUPER TORQUE®	5F SUPER TORQUE®	5F TEMPO™
100 cm	MAN	Mani	532-470	532-571	451-512H0

MPB - MULTIPURPOSE B



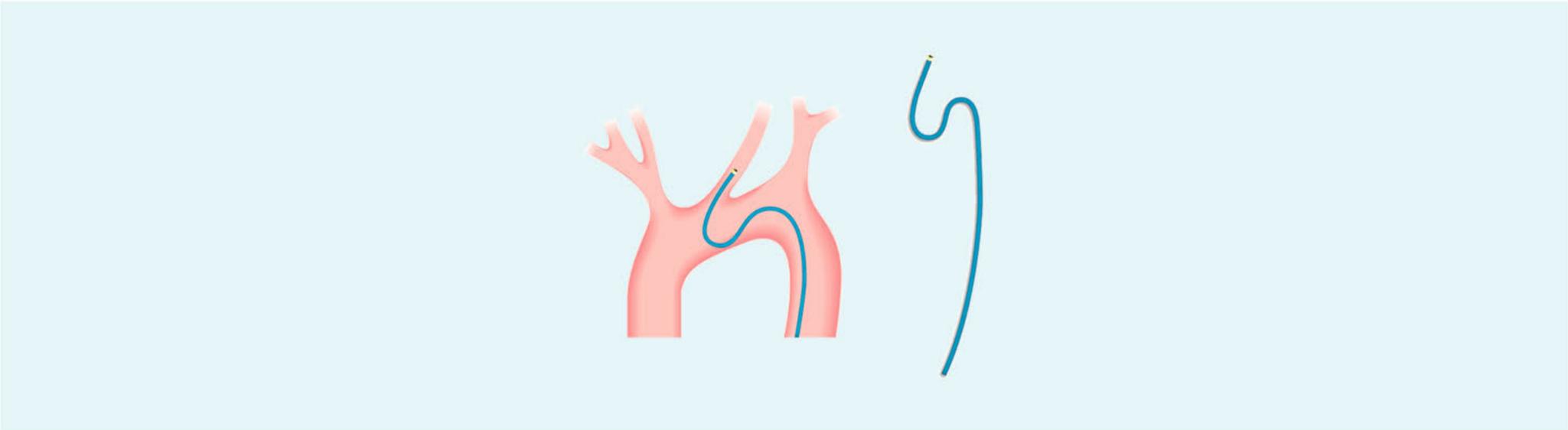
Length	Name	Description	4F TEMPO™
65 cm	MPB 2SH	Multipurpose b 2 side holes	451-408V2

MULTIPURPOSE (SUBINTIMAL RECANALIZATION)



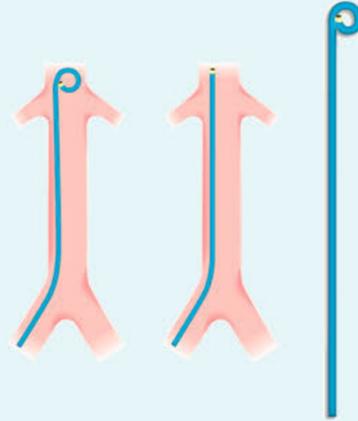
Length	Name	Description	5F SUPER TORQUE®
65 cm	Multipurpose (Subintimal recanalization)	Multipurpose (Subintimal recanalization)	532-576

HN4 - NEWTON IV



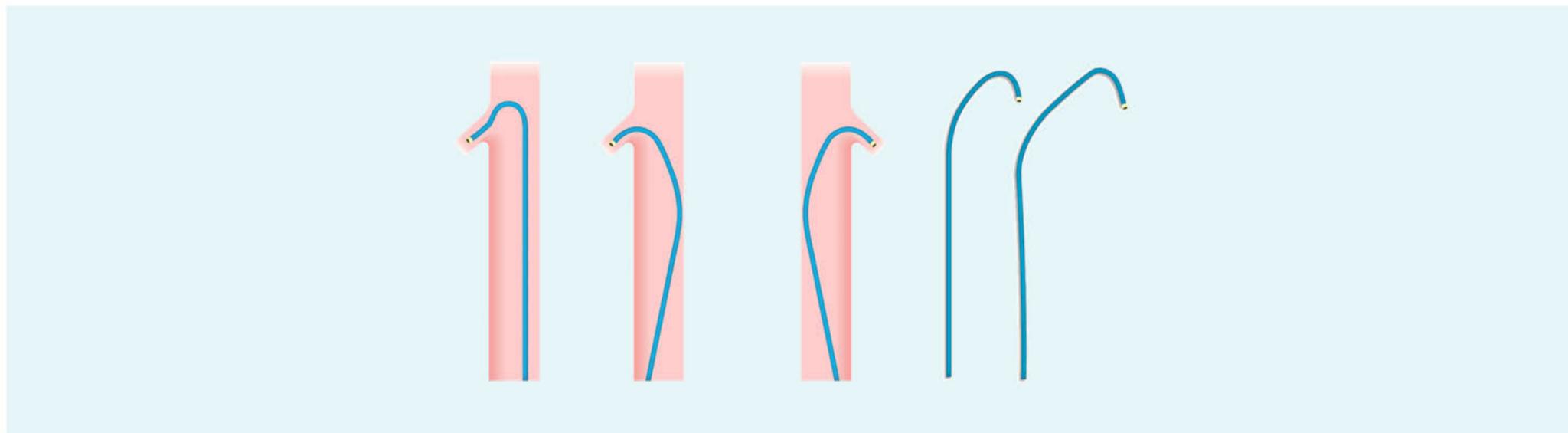
Length	Name	Description	5F SUPER TORQUE®	4F TEMPO™	5F TEMPO™
100 cm	HN4	Newton IV	532-520	451-421H0	451-521H0

PIG - PIGTAIL



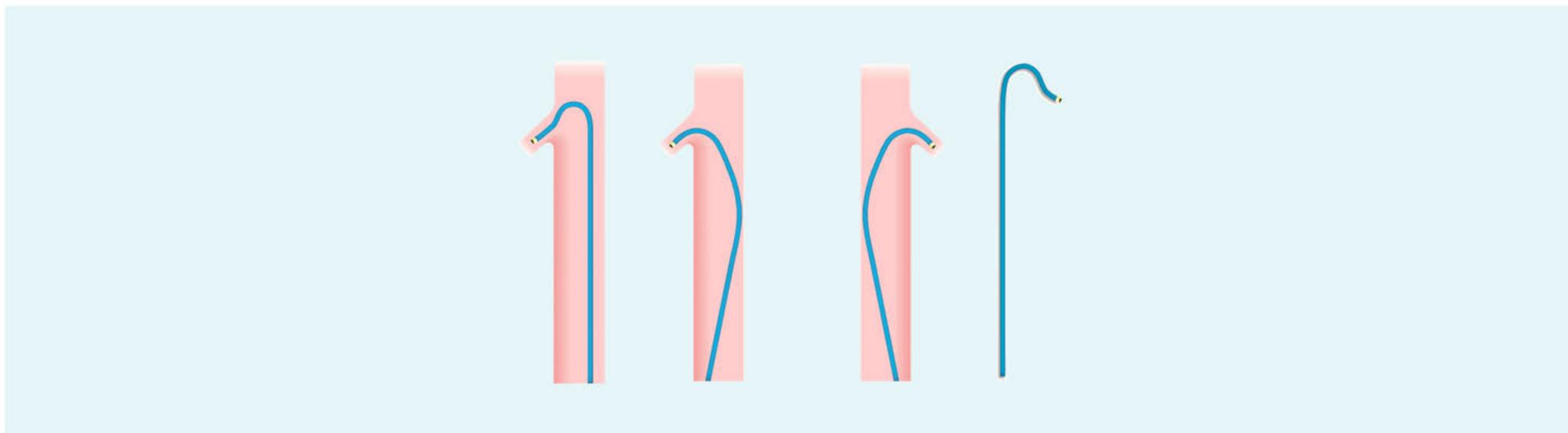
Length	Name	Description	4F SUPER TORQUE®	5F SUPER TORQUE®	6F SUPER TORQUE®	4F TEMPO™	5F TEMPO™	4F NYLEX®	5F NYLEX®
65 cm	PIG 8SH	Pigtail, 8 side holes	532-410T	532-524V8				526-410-503-410	526-510
65 cm	PIG 8SH MOD	Pigtail, 8 side holes modified						526-430	526-530
65 cm	PIG 12SH	Pigtail, 12 side holes			455-610T				
65 cm	PIG 5SH	Pigtail, 5 side holes				451-403 V5	451-503 V5		
65 cm	PIG 5SH MOD	Pigtail, 5 side holes Modified					451-502 V5		
65 cm	PIG	Pigtail				451-402 V5			
90 cm	PIG 8SH	Pigtail, 8 side holes	532-411T	532-539F8				526-411	526-511
90 cm	PIG 12SH	Pigtail, 12 side holes			455-611T				
90 cm	PIG 5SH	Pigtail, 5 side holes				451-403 F5	451-503 F5		
90 cm	PIG	Pigtail						526-431	
100 cm	PIG 8SH	Pigtail, 8 side holes	532-412T	532-555H8				526-412	526-512
100 cm	PIG 5SH	Pigtail, 5 side holes				451-403 H5	451-503 H5		
110 cm	PIG 8SH	Pigtail, 8 side holes	532-413T		455-613E			526-413	526-513
110 cm	PIG 5SH	Pigtail, 5 side holes				451-403 L5	451-503 L5		
125 cm	PIG	Pigtail				SRD5536			
65 cm	PIG MB	Pigtail Marker Bands 20 gold-alloy marker bands 8 Side holes Pigtail Marker Bands 2		532-598C					

RENAL DOUBLE CURVE ADULT



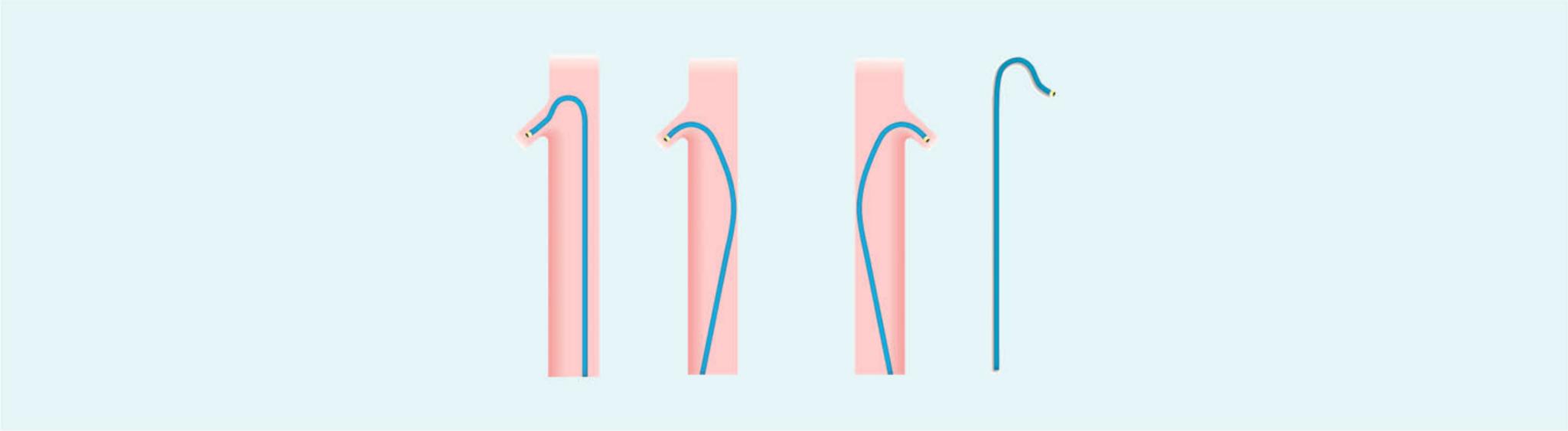
Length	Name	Description	5F SUPER TORQUE®	6F SUPER TORQUE®	4F TEMPO™	5F TEMPO™
80 cm	Renal Double Curve Adult	Renal Double Curve Adult	532-509	455-686	451-447S0	451-547S0
80 cm	Renal Double Curve Adult 2SH	Renal Double Curve Adult 2 side holes		455-689		451-547S2

SHK2 - SHEPHERD HOOK



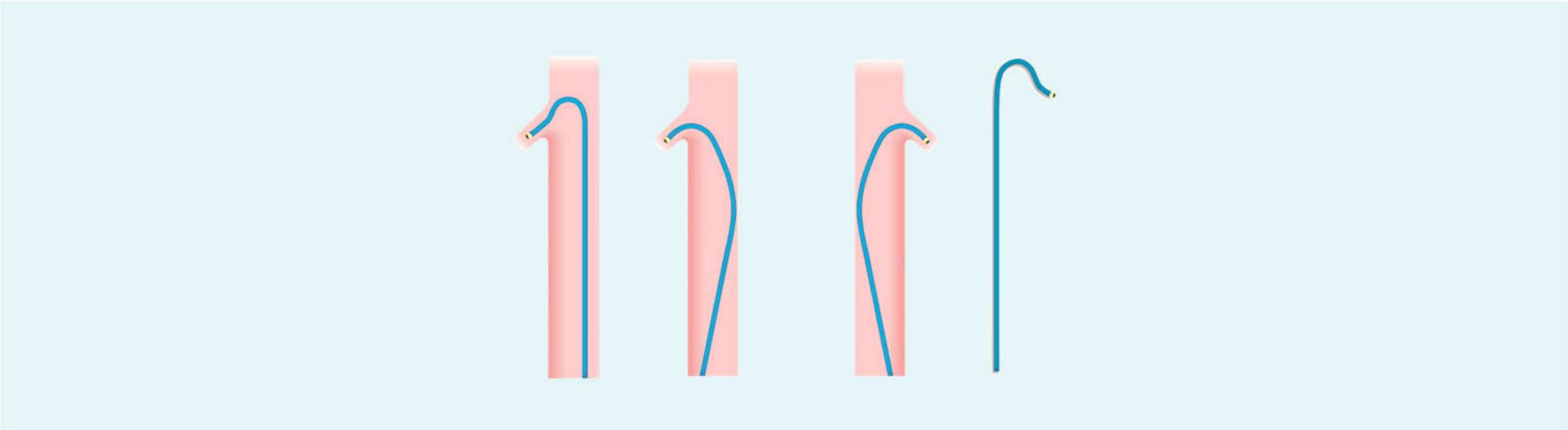
Length	Name	Description	4F SUPER TORQUE®	5F SUPER TORQUE®	4F TEMPO™	5F TEMPO™
65 cm	SHK 1.0	Shepherd Hook II	532-474	532-519	451-450V0	451-550V0

UNI SELECT - SHEPHERD HOOK



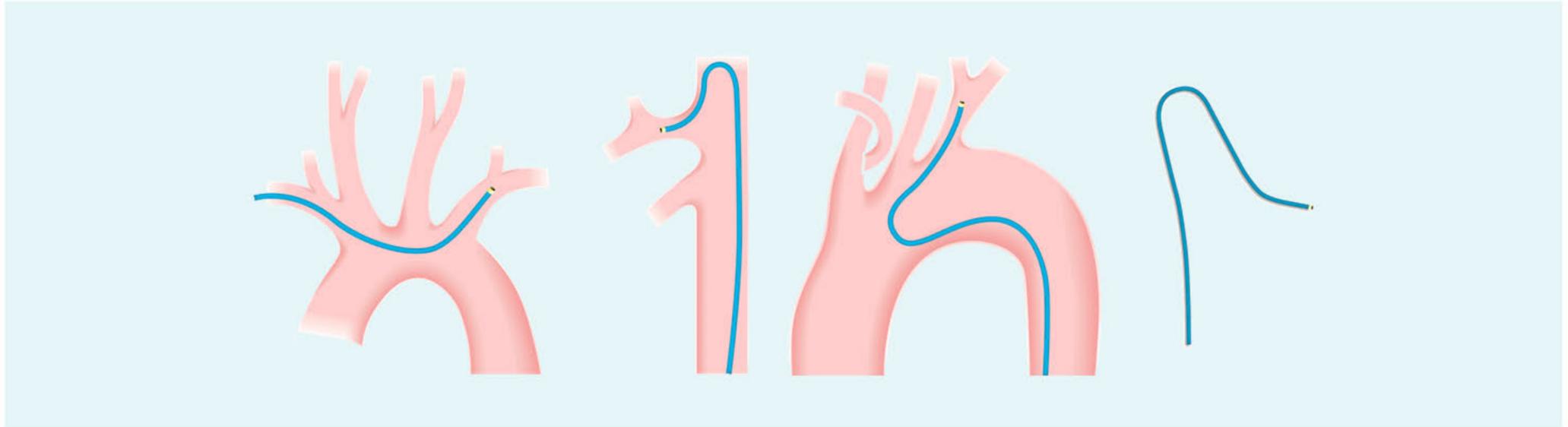
Length	Name	Description	4F TEMPO™	5F TEMPO™
80 cm	Uni select	Uni select	451-418S0	451-518S0

J-CURVE II - SHEPHERD HOOK



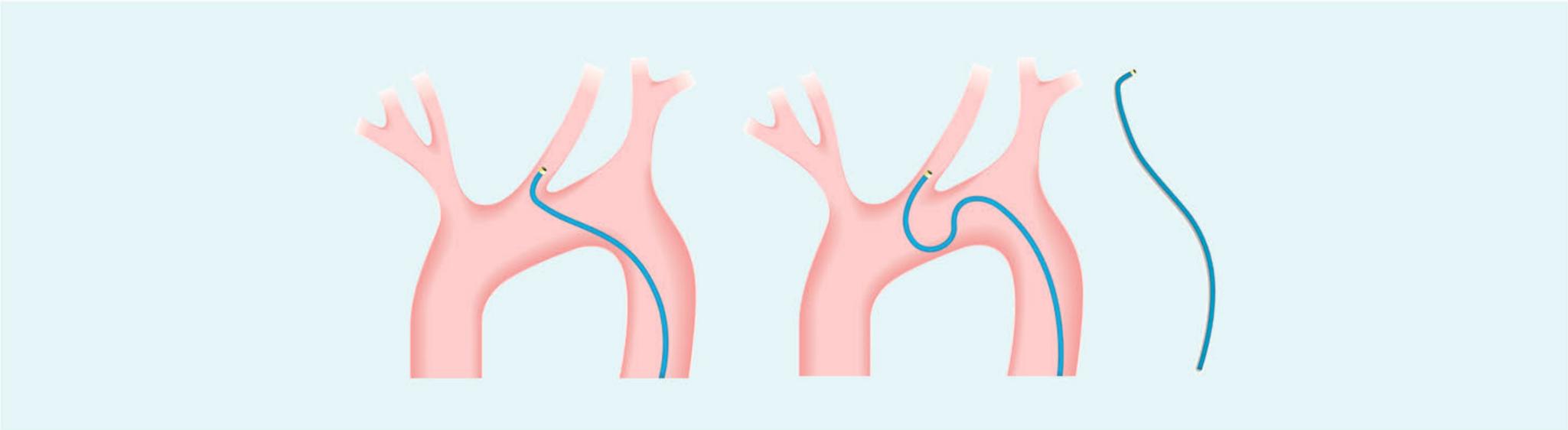
Length	Name	Description	4F SUPER TORQUE®	5F SUPER TORQUE®	4F TEMPO™	5F TEMPO™
65 cm	J-Curve II	J-Curve II	532-448	532-522	451-456V0	451-556V0

SIM2 - SIDEWINDER SIMMONS TECHNIQUE



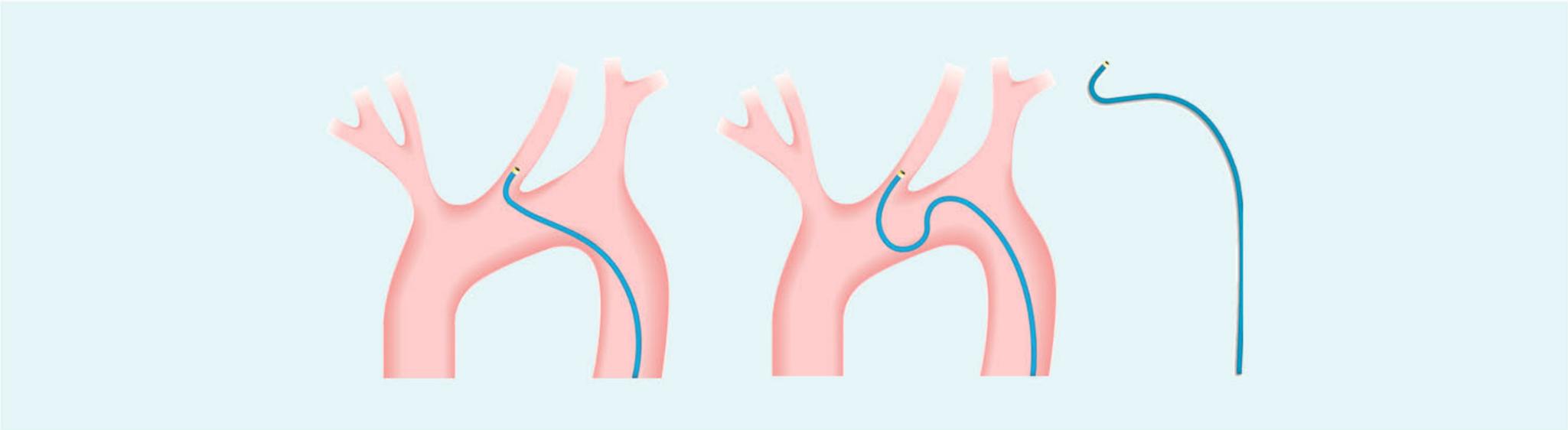
Length	Name	Description	4F SUPER TORQUE®	5F SUPER TORQUE®	6F SUPER TORQUE®	4F TEMPO™	5F TEMPO™	4F TEMPO™ AQUA	5F TEMPO™ AQUA
100 cm	SIM2	Sidewinder Simmons Technique II	532-415	532-502	455-661	451-431H0	451-531H0	452-431H0	452-531H0
100 cm	SIM2 2SH	Sidewinder Simmons Technique II 2 side holes		532-547			451-531H2		
125cm	SIM2	Sidewinder Simmons Technique II					SRD5559		

JB1 - BENTSON-HANAFEE-WILSON I



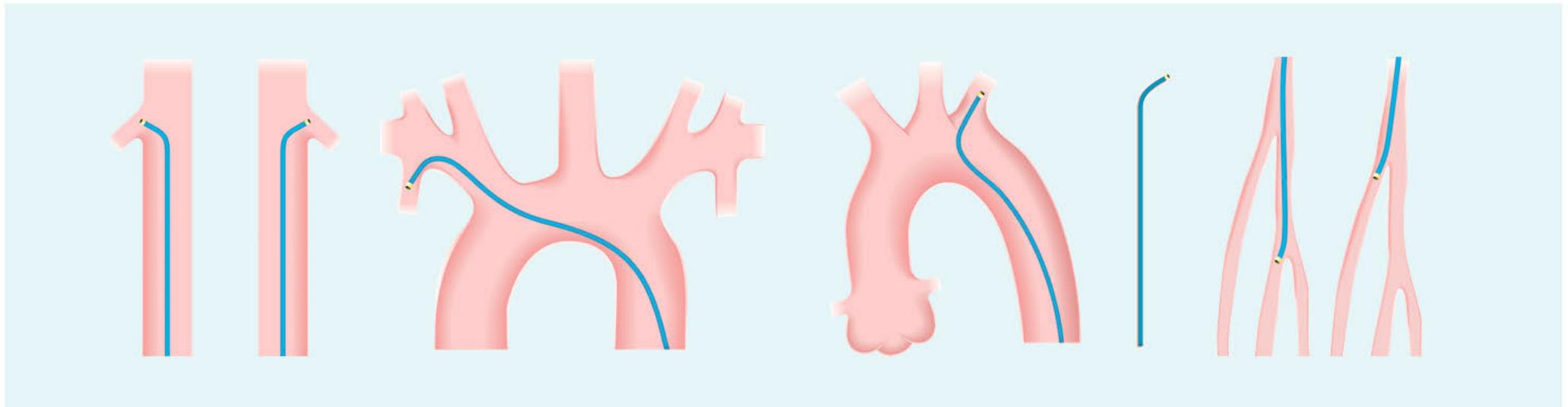
Length	Name	Description	4F SUPER TORQUE®	5F SUPER TORQUE®	4F TEMPO™	5F TEMPO™
100 cm	JB1	Bentson-Hanafee-Wilson I	532-436	532-541H0	451-423H0	451-523H0

JB3 - BENTSON-HANAFEE-WILSON III



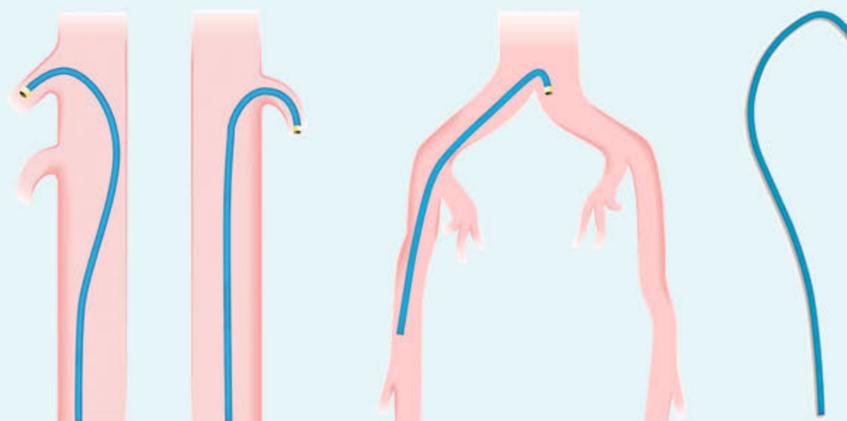
Length	Name	Description	4F SUPER TORQUE®	5F TEMPO™
100 cm	JB3	Bentson-Hanafee-Wilson III	532-438	451-525H0

BERN2 - BERENSTEIN



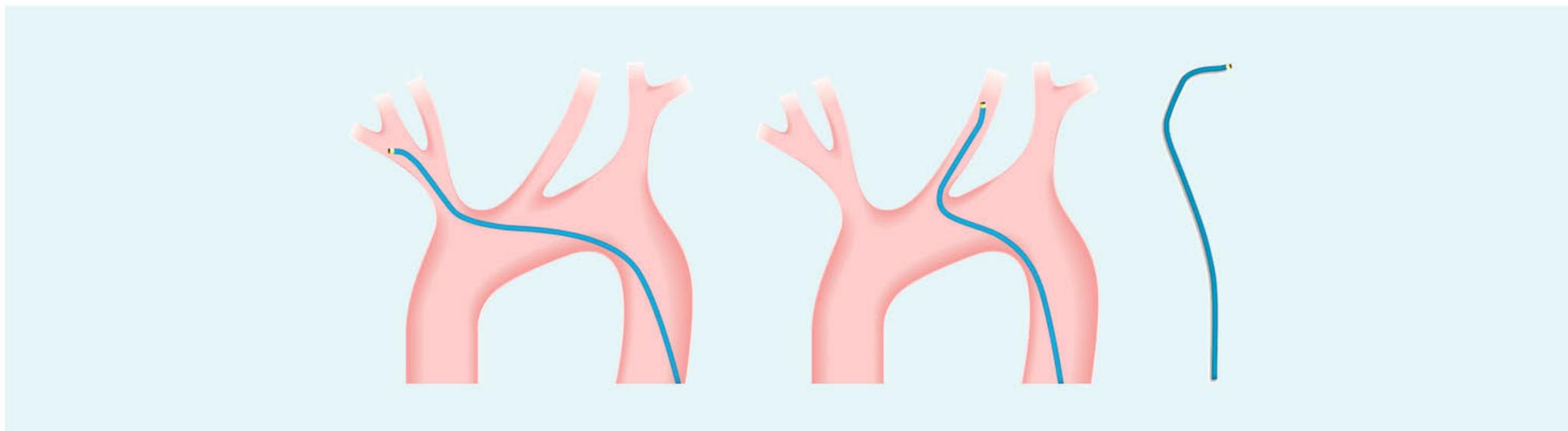
Length	Name	Description	4F TEMPO™	5F TEMPO™
40 cm	BERN2	Berenstein II	SRD6887	451-515T0
65 cm	BERN2	Berenstein II	451-415V0	451-515V0
100 cm	BERN2	Berenstein II	451-415H0	451-515H0
125 cm	BERN2	Berenstein II		SRD6565

C2 - COBRA



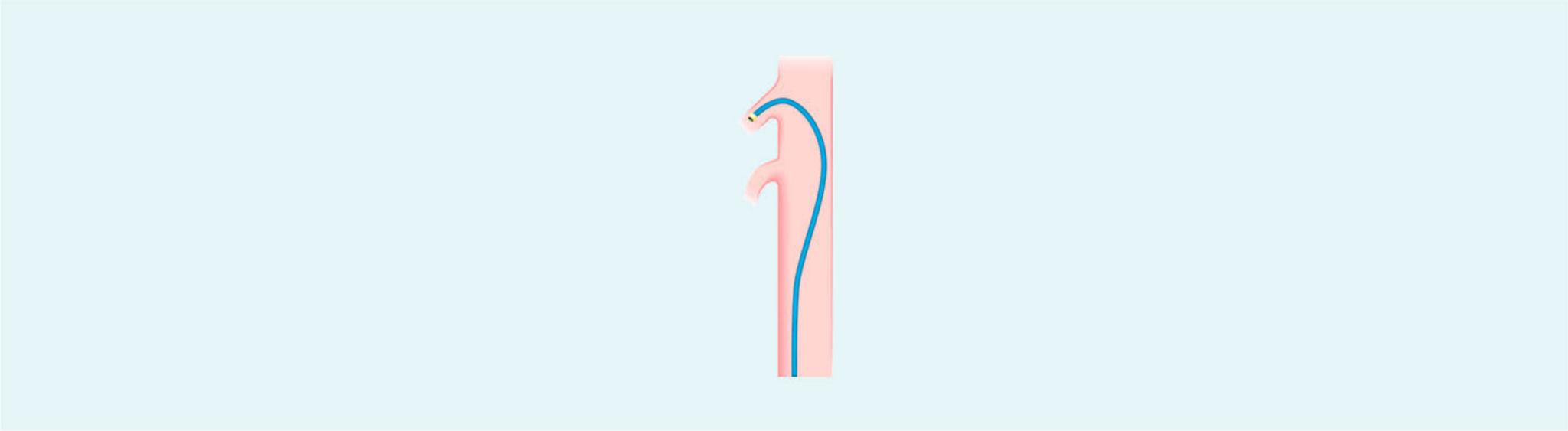
Length	Name	Description	4F SUPER TORQUE®	5F SUPER TORQUE®	6F SUPER TORQUE®	4F TEMPO™	5F TEMPO™	4F TEMPO™ AQUA	5F TEMPO™ AQUA
65 cm	C2	Small adult	532-442	532-513	455-671	451-443V0	451-543V0	452-443V0	452-543V0
65 cm	C2 2SH	Small adult 2 side holes	532-443	532-516		451-443V2	451-543V2		
80 cm	C2	Small adult						452-443S0	
100 cm	C2	Small adult	532-439			451-443H0	451-543H0		

H1 - HEADHUNTER I



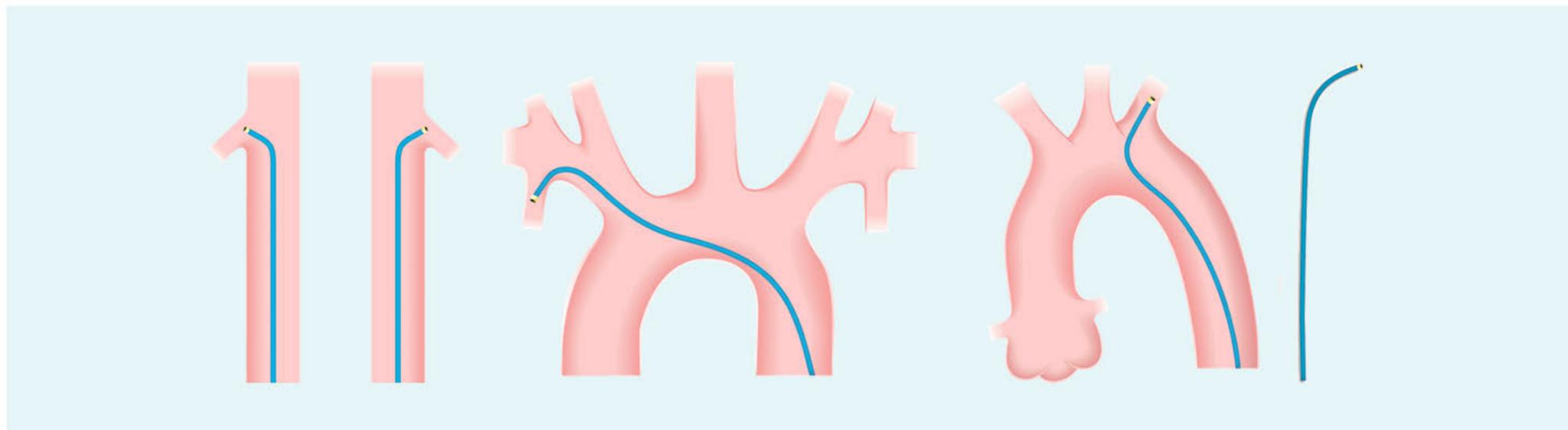
Length	Name	Description	4F SUPER TORQUE®	5F SUPER TORQUE®	6F SUPER TORQUE®	4F TEMPO™	5F TEMPO™	4F TEMPO™ AQUA	5F TEMPO™ AQUA
100 cm	H1	Headhunter I	532-461	532-504	455-665	451-435H0	451-535H0	452-435H0	452-535H0
100 cm	H1	Headhunter I Hilal Modified			455-666				

HEPATIC



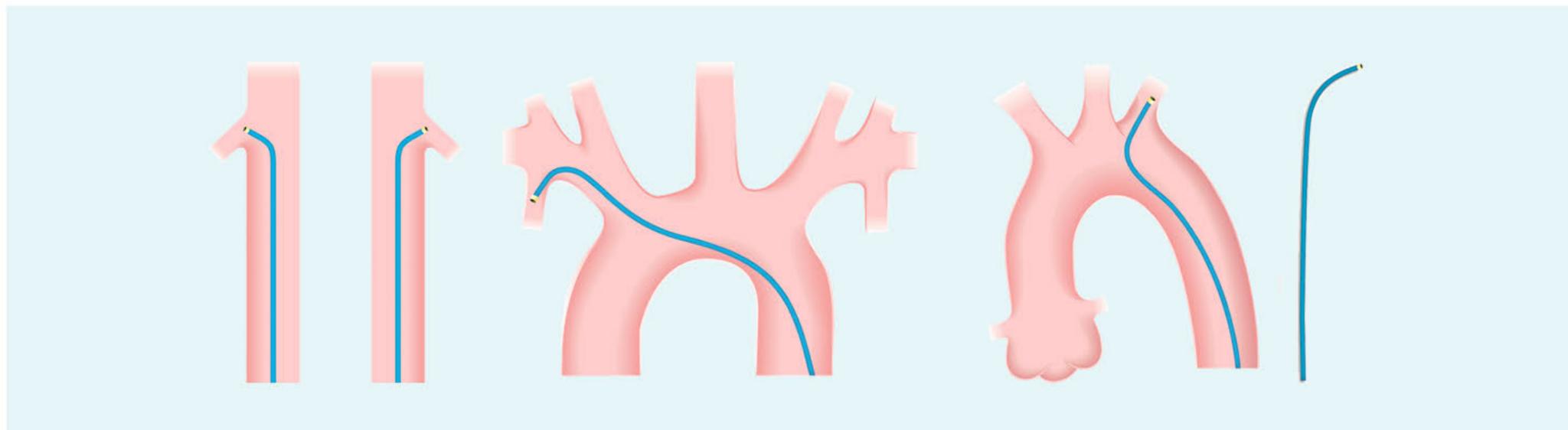
Length	Name	Description	4F TEMPO™
80 cm	HEPATIC	Hepatic	SRD5497

MPA - MULTIPURPOSE ADULT



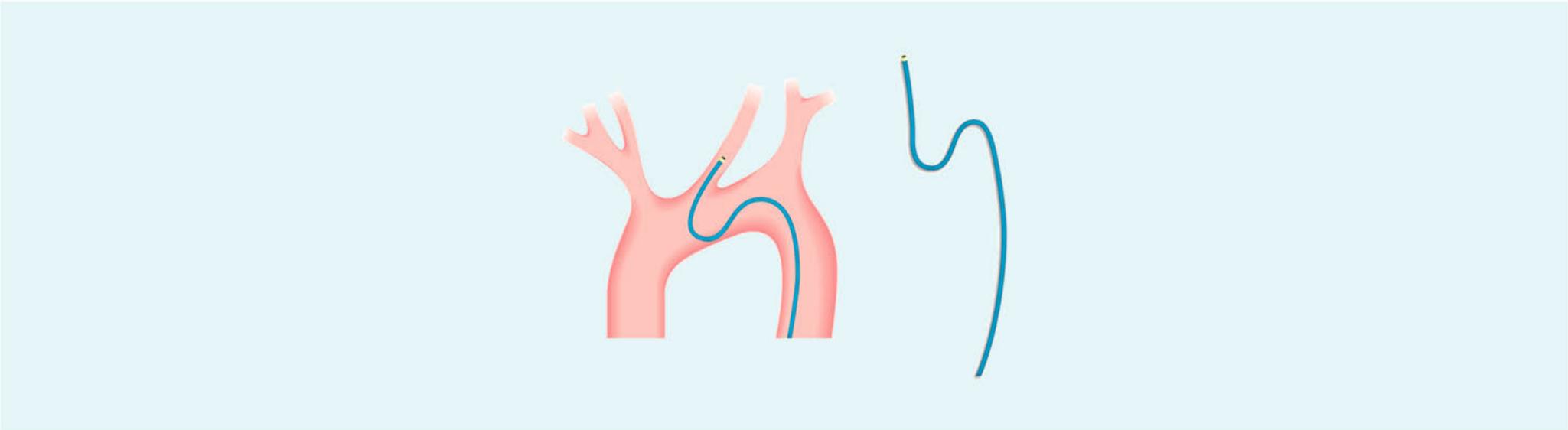
Length	Name	Description	4F SUPER TORQUE®	5F SUPER TORQUE®	6F SUPER TORQUE®	4F TEMPO™	5F TEMPO™	4F TEMPO™ AQUA	5F TEMPO™ AQUA
65 cm	MPA	Multipurpose Adult				451-407V0	451-507V0		
80 cm	MPA	Multipurpose Adult		532-579	455-623				
80 cm	MPA 2SH	Multipurpose Adult 2 side holes			455-636	451-407S2	451-507S2		
100 cm	MPA	Multipurpose Adult		532-578				452-407H0	452-507H0
100 cm	MPA 2SH	Multipurpose Adult 2 side holes			455-637	451-407H2	451-507H2		
65 cm	MPB 2SH	Multipurpose b 2 side holes				451-408V2			
65 cm	Multipurpose small	Multipurpose small				451-406V0	451-506V0		
80 cm	Multipurpose small	Multipurpose small					451-506S0		
80 cm	Multipurpose small 2SH	Multipurpose small 2 side holes	532-432	532-506		451-406S2	451-506S2		
100 cm	Multipurpose small	Multipurpose small	532-430			451-406H0	451-506H0		
100 cm	Multipurpose small 2SH	Multipurpose small 2 side holes	532-482	532-507			451-506H2		
125 cm	Multipurpose small	Multipurpose small	532-431			451-406P0	451-506P0		
125 cm	Multipurpose small 2SH	Multipurpose small 2 side holes	532-457	532-508			451-506P2		
65 cm	Multipurpose (Subintimal recanalization)	Multipurpose (Subintimal recanalization)		532-576					

MULTIPURPOSE SMALL



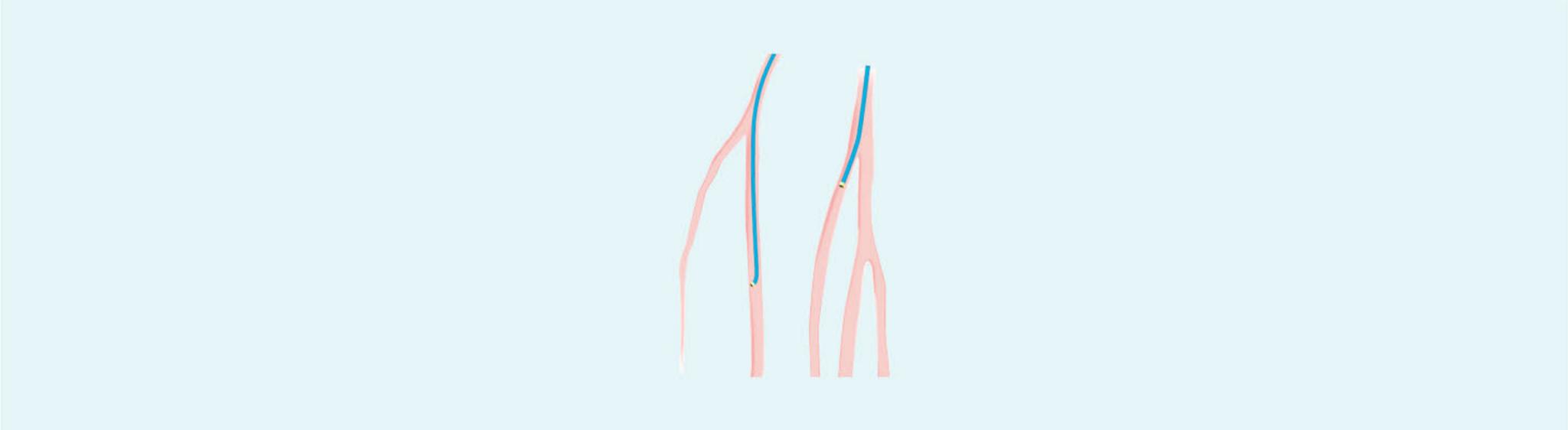
Length	Name	Description	4F SUPER TORQUE®	5F SUPER TORQUE®	4F TEMPO™	5F TEMPO™
65 cm	Multipurpose small	Multipurpose small			451-406V0	451-506V0
80 cm	Multipurpose small	Multipurpose small				451-506S0
80 cm	Multipurpose small 2SH	Multipurpose small 2 side holes	532-432	532-506	451-406S2	451-506S2
100 cm	Multipurpose small	Multipurpose small	532-430		451-406H0	451-506H0
100 cm	Multipurpose small 2SH	Multipurpose small 2 side holes	532-482	532-507		451-506H2
125 cm	Multipurpose small	Multipurpose small	532-431		451-406P0	451-506P0
125 cm	Multipurpose small 2SH	Multipurpose small 2 side holes	532-457	532-508		451-506P2

HN3 - NEWTON III



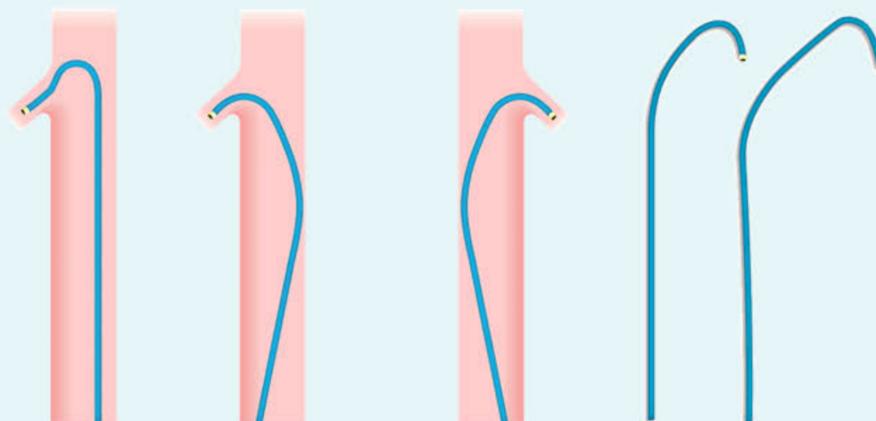
Length	Name	Description	5F TEMPO™
100 cm	HN3	Newton III	451-520H0

PIER - PERCUTANEOUS INTENTIONAL EXTRALUMINAL



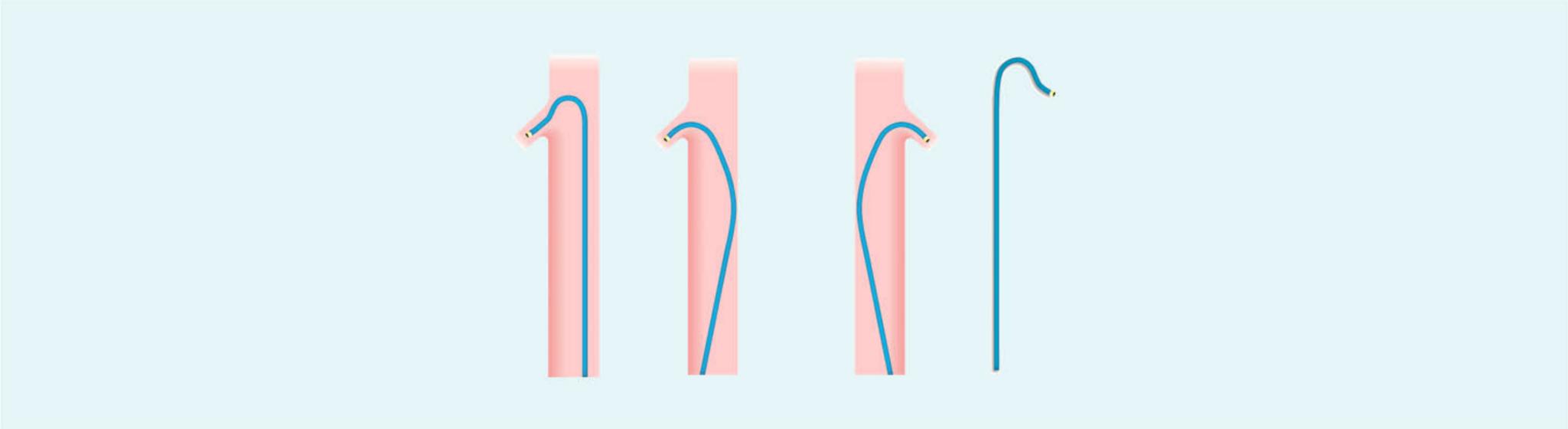
Length	Name	Description	5F TEMPO™
40 cm	PIER	Percutaneous intentional extraluminal	SRD6580

RENAL DOUBLE CURVE SMALL



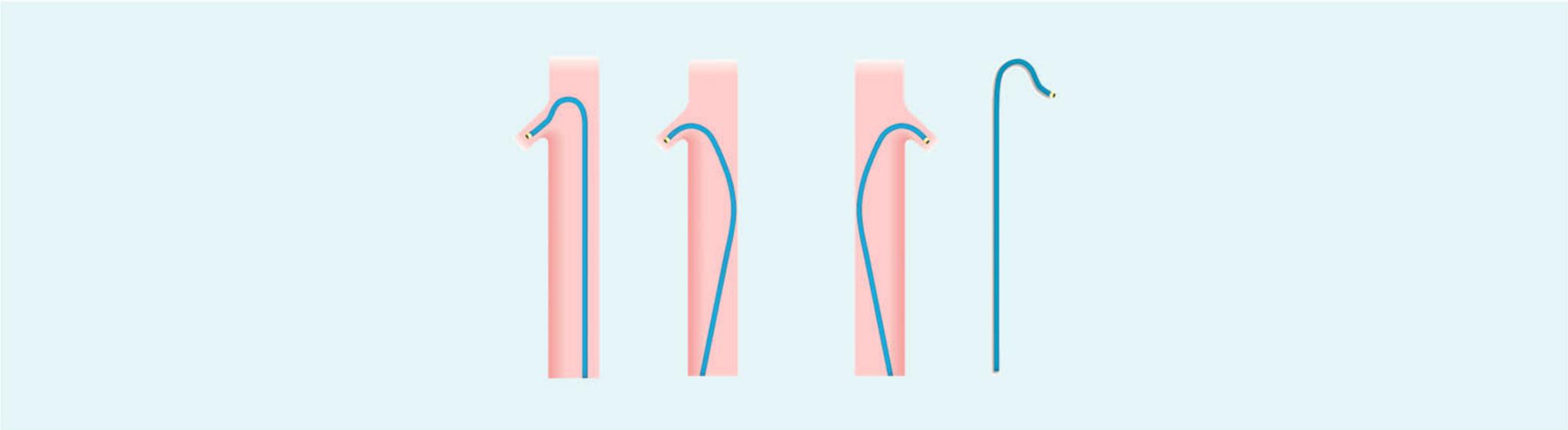
Length	Name	Description	4F SUPER TORQUE®	5F SUPER TORQUE®	4F TEMPO™	5F TEMPO™
65 cm	Renal Double Curve Small 2SH	Renal Double Curve Small 2 side holes	532-462	532-510		451-546V2
80 cm	Renal Double Curve Small	Renal Double Curve Small			451-446S0	451-546S0
80 cm	Renal Double Curve Small 2SH	Renal Double Curve Small 2 side holes	532-478	532-511		

SHK1 - SHEPHERD HOOK



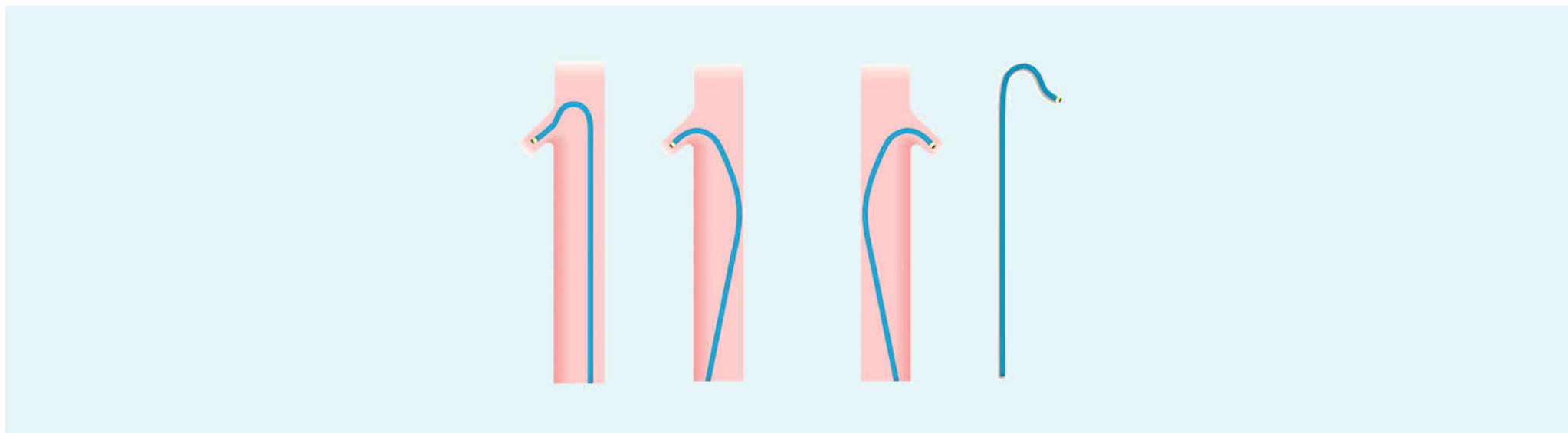
Length	Name	Description	4F SUPER TORQUE®	4F TEMPO™	5F TEMPO™
65 cm	SHK 0.8	Shepherd Hook I	532-473	451-449V0	451-549V0

CELIAC TRUNK - SHEPHERD HOOK



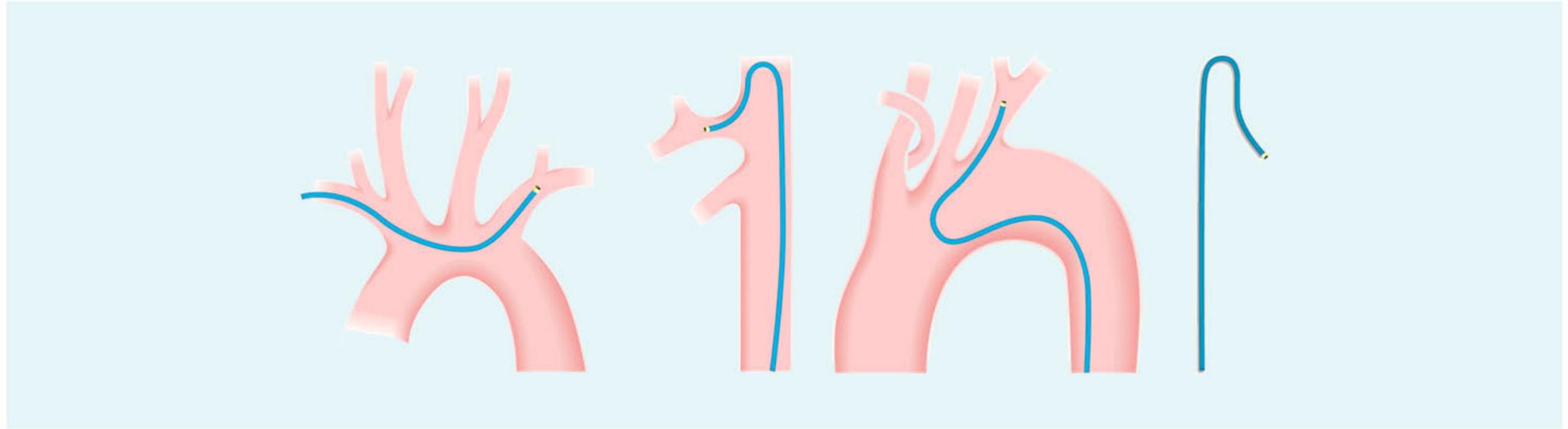
Length	Name	Description	5F SUPER TORQUE®
80 cm	Celiac Trunk	Celiac Trunk	532-567

J-CURVE I - SHEPHERD HOOK



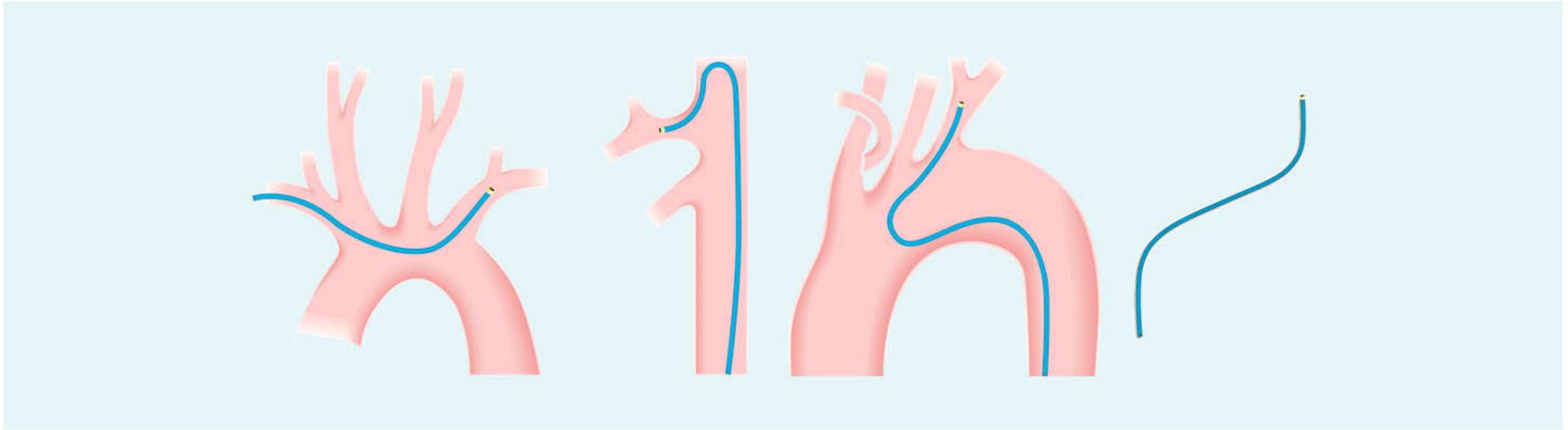
Length	Name	Description	4F SUPER TORQUE®	4F TEMPO™	5F TEMPO™
65 cm	J-Curve I	J-Curve I	532-447	451-455V0	451-555V0

SIM1 - SIDEWINDER SIMMONS TECHNIQUE



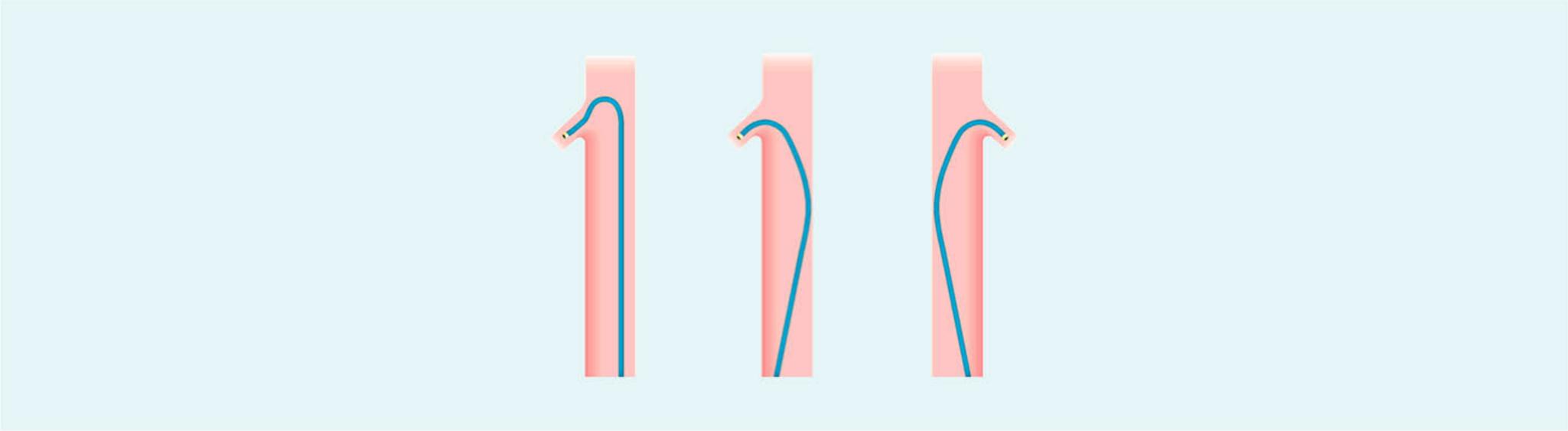
Length	Name	Description	4F SUPER TORQUE®	5F SUPER TORQUE®	6F SUPER TORQUE®	4F TEMPO™	5F TEMPO™	4F TEMPO™ AQUA	5F TEMPO™ AQUA
100 cm	SIM1	Sidewinder Simmons Technique I	532-414	532-501	455-660	451-430H0	451-530H0	452-430H0	452-530H0
100 cm	SIM1 2SH	Sidewinder Simmons Technique I 2 side holes		532-546	455-660D		451-530H2		
125 cm	SIM1	Sidewinder Simmons Technique I				SRD6881	SRD6630		

SIM4 - SIDEWINDER SIMMONS TECHNIQUE



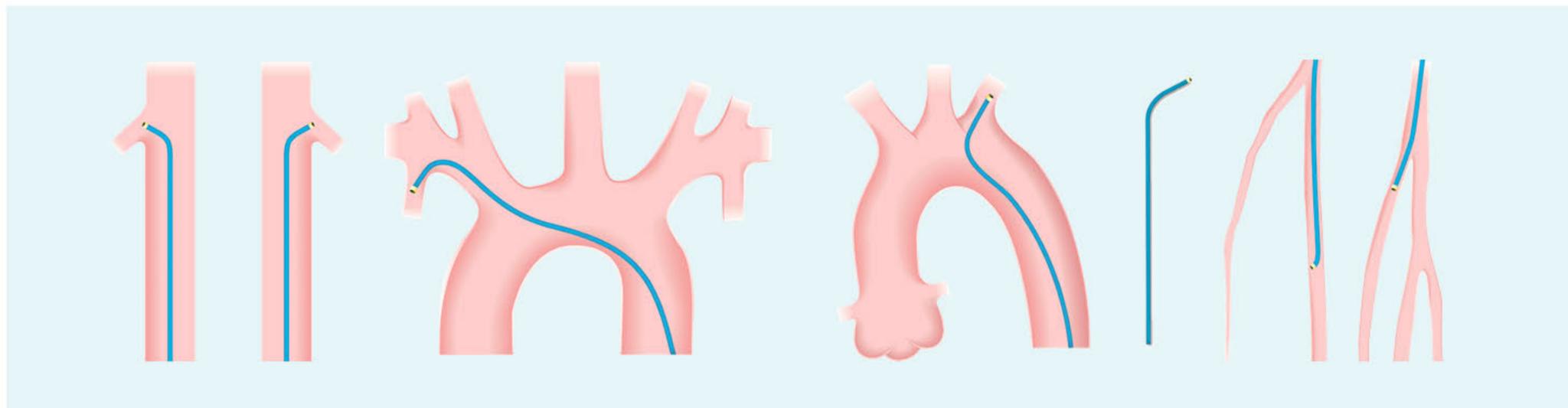
Length	Name	Description	6F SUPER TORQUE®
100 cm	SIM4	Sidewinder Simmons Technique IV	455-663

UNI SELECT II



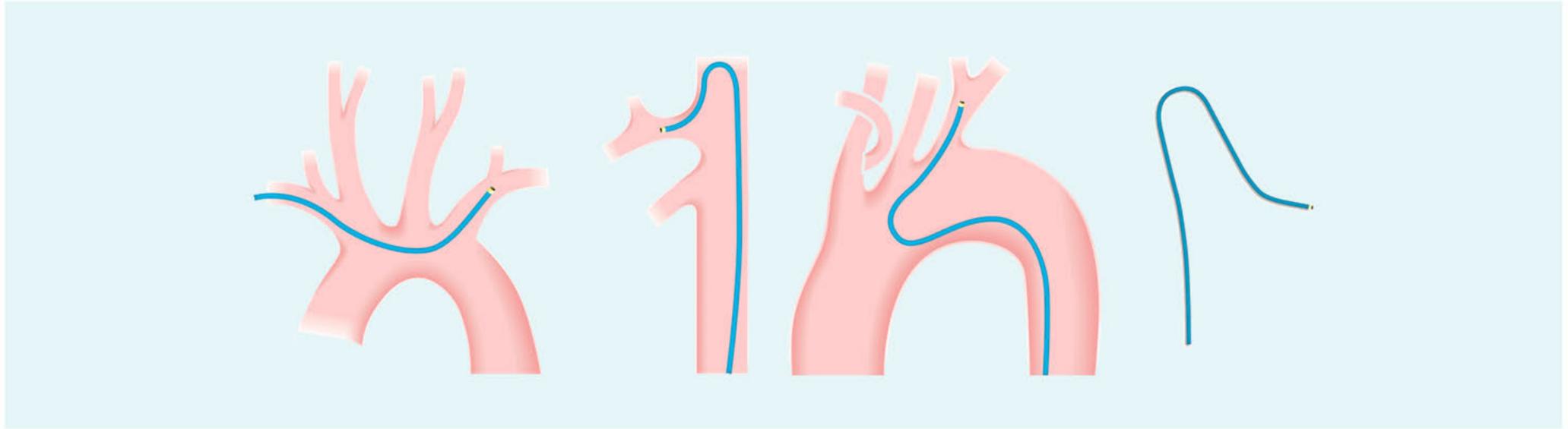
Length	Name	Description	5F TEMPO™
125 cm	UNI Select II	UNI Select II	SRD6050

VERT - VERTEBRAL



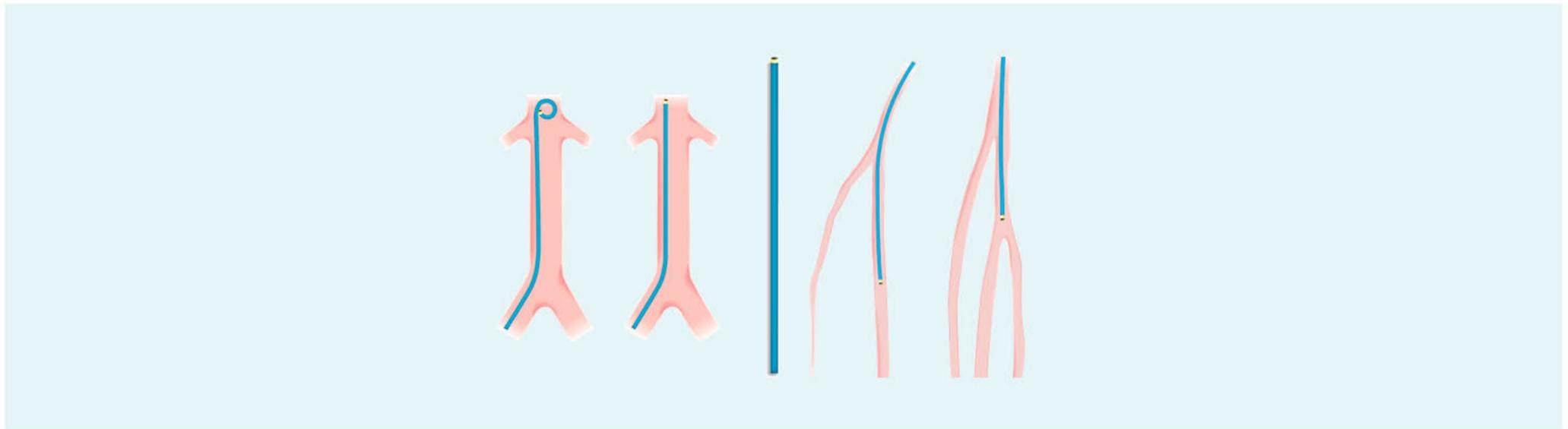
Length	Name	Description	4F SUPER TORQUE®	5F SUPER TORQUE®	4F TEMPO™	5F TEMPO™	4F TEMPO™ AQUA	5F TEMPO™ AQUA
65 cm	VERT MOD	Vertebral Modified					SRD5821	
100 cm	VERT	Vertebral	532-497	532-549H0	451-414H0	451-514H0	452-414H0	452-514H0
125 cm	VERT	Vertebral	SRD5331		SRD5627	SRD6892		

SIM3 - SIDEWINDER SIMMONS TECHNIQUE



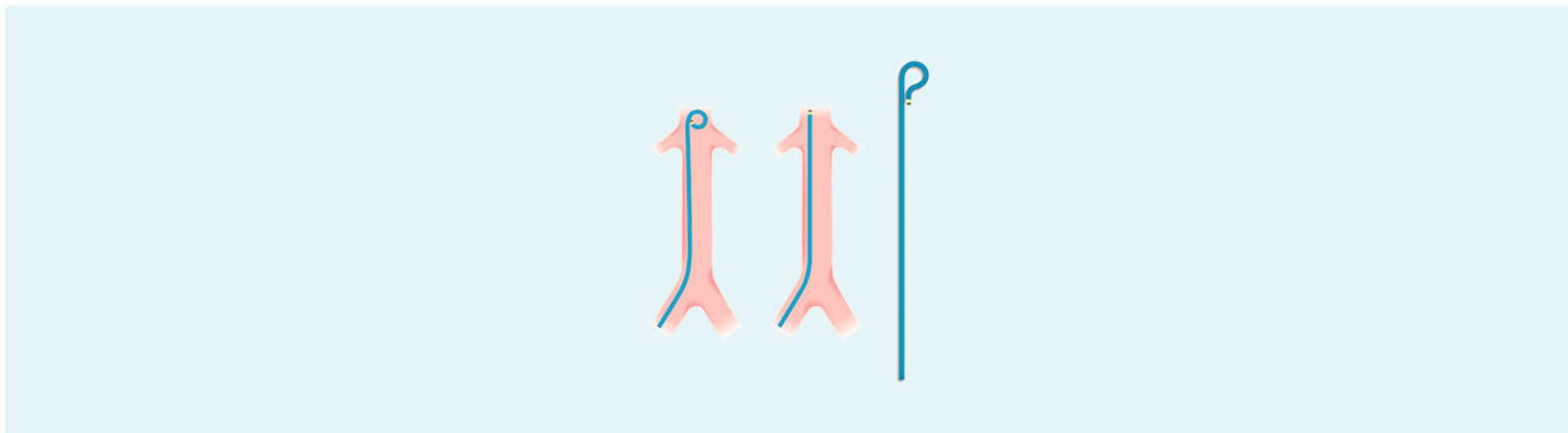
Length	Name	Description	5F SUPER TORQUE®	6F SUPER TORQUE®	4F TEMPO™	5F TEMPO™
100 cm	SIM3	Sidewinder Simmons Technique III	532-503	455-662	451-432H0	451-532H0
100 cm	SIM3	Sidewinder Simmons Technique III 2 side holes				451-532H2

STR - STRAIGHT



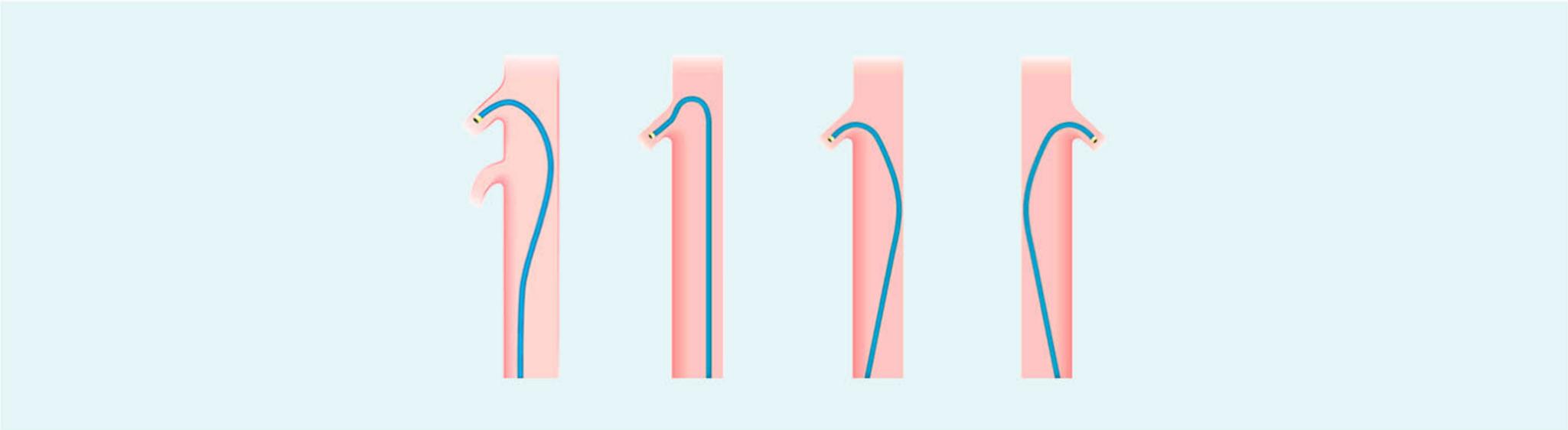
Length	Name	Description	4F SUPER TORQUE®	5F SUPER TORQUE®	4F TEMPO™	5F TEMPO™	4F NYLEX®	5F NYLEX®	4F TEMPO™ AQUA	5F TEMPO™ AQUA
40 cm	STR	Straight			SRD6885					
65 cm	STR 8SH	Straight 8 side holes	532-420T	532-564V8			526-420	526-520		
65 cm	STR 5SH	Straight 5 side holes			451-401V5	451-501V5				
90 cm	STR 8SH	Straight 8 side holes	532-421T				526-421	526-521		
90 cm	STR 5SH	Straight 5 side holes			451-401F5	451-501F5				
100 cm	STR 8SH	Straight 8 side holes	532-422T	532-569H8			526-422	526-522		
100 cm	STR 5SH	Straight 5 side holes			451-401H5	451-501H5				
110 cm	STR 8SH	Straight 8 side holes					526-423	526-523		
110 cm	STR 5SH	Straight 5 side holes			451-401L5	451-501L5				
125 cm	STR	Straight			SRD5818				SRD6667	SRD6669

UNIV - UNIVERSAL FLUSH



Length	Name	Description	4F TEMPO™	5F TEMPO™	4F NYLEX®	5F NYLEX®
65 cm	UNIV 5SH	Universal Flush 5 side holes	451-404V5	451-504V5		
65 cm	UNIV 8SH	Universal Flush 8 side holes			526-440	526-540
90 cm	UNIV 5SH	Universal Flush 5 side holes	451-404F5	451-504F5		
100 cm	UNIV 8SH	Universal Flush 8 side holes			526-442	
110 cm	UNIV 5SH	Universal Flush 5 side holes		451-504L5		

VICERAL



Length	Name	Description	4F TEMPO™	5F TEMPO™
65 cm	VICERAL CIII	VICERAL CIII	SRD5457	
100 cm	VICERAL	VICERAL		SRD6679

PACKAGED SOLUTIONS

Cordis diagnostic catheters, catheter sheath introducers and diagnostic wires are sold in packs. Many products configurations are available in all four of the following pack types:

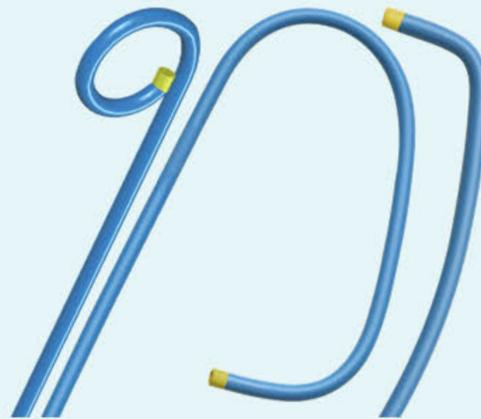
MULTIPACS

BIPACS

CORPACS

PRIMOPACS

MULTIPACS



4F QUICKCARE INFINITI®	Code	Cat. N°
Judkins Left 4	538-420	538-493
Judkins Right 4	538-421	
Angled Pigtail 145° 5 side holes Modified	538-457V	
Judkins Left 4	538-420	538-494
Judkins Right 4	538-421	
Angled Pigtail 155° 6 side holes Modified	538-455S	
Judkins Left 4	538-420	538-498
Judkins Right 4	538-421	
Straight Pigtail 8 side holes	538-450E	
Judkins Left 4	538-420	538-499
Judkins Right 4	538-421	
Straight Pigtail 5 side holes	538-451V	
Judkins Left 4	538-420	CP0092*
Right Coronary 3 Dimensional	538-476	
Angled Pigtail 145° 6 side holes Modified	538-453S	
Judkins Left 4	538-420	CP0097
Right Coronary 3 Dimensional	538-476	
Straight Pigtail 6 side holes	538-450S	
Judkins Left 4	538-420	CP0125
Amplatz Right Modified	538-448	
Angled Pigtail 145° 5 side holes Modified	538-457V	
Judkins Left 4	538-420	CP0221
Right Coronary 3 Dimensional	538-476	
Straight Pigtail 5 side holes	538-451V	
Judkins Left 3.5	538-418	CP0420
Judkins Right 4	538-421	
Angled Pigtail 145° 5 side holes Modified	538-457V	
Judkins Left 5	538-420	
Judkins Right 4	538-421	

CORPACS



4F QUICKCARE INFINITI®	Code	Cat. N°
Judkins Left 4	538-420	538-492C
Judkins Right 4	538-421	
Straight Pigtail 8 side holes	538-450E	
4F Avanti+ 11 cm .035"	504-604X*	
Emerald™ .035" 150cm, J-curve	502-521	
Judkins Left 4	538-420	538-493C
Judkins Right 4	538-421	
Angled Pigtail 145° 5 side holes Modified	538-457V	
4F Avanti+ 11 cm .035"	504-604X*	
Emerald™ .035" 150cm, J-curve	502-521	
Judkins Left 4	538-420	538-494C
Judkins Right 4	538-421	
Angled Pigtail 155° 6 side holes	538-455S	
Modified 4F Avanti+ 11 cm .035"	504-604X*	
Emerald™ .035" 150cm, J-curve	502-521	
Judkins Left 4	538-420	538-499C
Judkins Right 4	538-421	
Straight Pigtail 5 side holes	538-451V	
4F Avanti+ 11 cm .035"	504-604X*	
Emerald™ .035" 150cm, J-curve	502-521	
Judkins Left 4	538-420	CP0156
Judkins Right 4 Modified	538-428	
Straight Pigtail 8 side holes	538-450E	
4F Avanti+ 11 cm .035"	504-604X*	
Emerald™ .035" 150cm, J-curve		

BIPACS JL AND JR4/3DRC®



4F QUICKCARE INFINITI®

Judkins Left 4*
Judkins Right 4*

Code	Cat. N°
538-420	CP0276
538-421	

* 5 units per package

5F INFINITI®

Judkins Left 4*
Judkins Right 4*
Judkins Left 4**
3-Dimensional Right Coronary**
Judkins Left 4***
Judkins Right 4***
Judkins Left 3.5*
Judkins Right 4*

Code	Cat. N°
534-520T	CP0278
534-521T	
534-520T	CP0279
534-576T	
534-520T	CP0317
534-521T	
534-518T	CP0436
534-521T	

* 5 units per package

** 3 units per package

*** 10 units per package

5.2F SUPER TORQUE® Plus

Judkins Left 4*
Judkins Right 4*
Judkins Left 3.5*
Judkins Right 4*

Code	Cat. N°
533-553	CP0280
533-552	
533-551	CP0417
533-552	

* 5 units per package

PRIMOPACS



4F QUICKCARE INFINITI®	Code	Cat. N°
Judkins Left 4	538-420	538-491P
Judkins Right 4	538-421	
Straight Pigtail 8 side holes	538-450E	
4F Avanti+ 11 cm .035 "	504-604X*	
Judkins Left 4	538-420	538-493P
Judkins Right 4	538-421	
Angled Pigtail 145° 5 side holes	538-457V	
4F Avanti+ 11 cm .035 "	504-604X*	
Judkins Left 4	538-420	538-494P
Judkins Right 4	538-421	
Pigtail 155° 6 side holes Modified	538-455S	
4F Avanti+ 11 cm .035 "	504-604X*	
Judkins Left 4	538-420	538-499P
Judkins Right 4	538-421	
Straight Pigtail 5 side holes	538-451V	
4F Avanti+ 11 cm .035 "	504-604X*	

* with mini-guidewire

4F SUPERTORQUE®	Code	Cat. N°
Judkins Left 4	538-420	CP0242
Right Coronary 3 Dimensional	538-476	
Straight Pigtail 8 side holes 110cm	532-413T	
4F Avanti+ 11 cm .035 "	504-604X*	

* with mini-guidewire