

Ordering information

Shape description		4F	5F	6F
Judkins	JL3	14102001	15102001	16102001
	JL3.5	14102101	15102101	16102101
	JL4	14102201	15102201	16102201
	JL4.5	14102301	15102301	16102301
	JL5	14102401	15102401	16102401
	JL6	14102501	15102501	16102501
	JR3	14102601	15102601	16102601
	JR3.5	14102701	15102701	16102701
	JR4	14102801	15102801	16102801
	JR4.5	14102901	15102901	16102901
	JR5	14103001	15103001	16103001
	JR6	14103101	15103101	16103101
Williams Sones	3DS	14100001	15100001	16100001
	SONES 1	14105801	15105801	16105801
	SONES 1/2	14105901	15105901	16105901
	SONES 2	14106001	15106001	16106001
	SONES 2/2	14106101	15106101	16106101
	GAMAL	14101201	15101201	16101201
Gamal Amplatz	AL 1	14100201	15100201	16100201
	AL 2	14100301	15100301	16100301
	AL 3	14100401	15100401	16100401
	AR1MOD	14100601	15100601	16100601
	AR2MOD	14100801	15100801	16100801
	ARMOD	14100901	15100901	16100901
Multi Purpose	MPA	14103601	15103601	16103601
	MPA/2	14103701	15103701	16103701
	MPB	14103801	15103801	16103801
	MPB/2	14103901	15103901	16103901
Radial	RAD	14105001	15105001	16105001
	TIG2	14107001	15107001	16107001
Bypass	IM	14101701	15101701	16101701
	LCB	14103401	15103401	16103401
	RCB	14105501	15105501	16105501
Pigtail	PIG 110/8	14114001	15114001	16114001
	PIG 145/110/8	14114101	15114101	16114101
	PIG 155/110/8	14114201	15114201	16114201
	PIG 130/8	14134001	15134001	16134001
	PIG 145/130/8	14134101	15134101	16134101
	PIG 155/130/8	14134201	15134201	16134201
Duo-pack*	JR4/JL4	14200701	15200701	16200701
Multipack*	JR4/JL3.5/PIG 145/8	14315101	15315101	16315101
	JR3.5/JL4/PIG/8	14316001	15316001	16316001
	3DS/JL4/PIG 145/8	14315501	15315501	16315501
	JR4/JL4	14200701	15200701	16200701
	JR4/JL4/PIG 145/8	14316301	15316301	16316301
	JR4/JL4/PIG/8	14316201	15316201	16316201
	ARMOD/JL4/PIG 145/8		15315801	
	3DS/JL4/PIG/8			16315401

* For other configurations for the Duo-packs and Multi-packs please send an email to sales@pendracare.com
Note: /2 and /8 indicate # of side holes

cardiology

Pointer

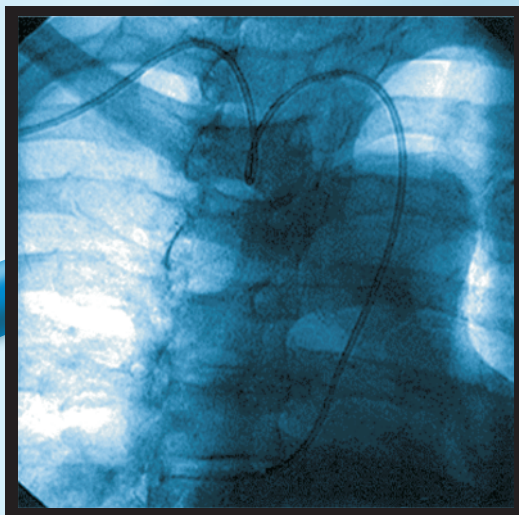
Diagnostic catheter range

Endovascular Devices

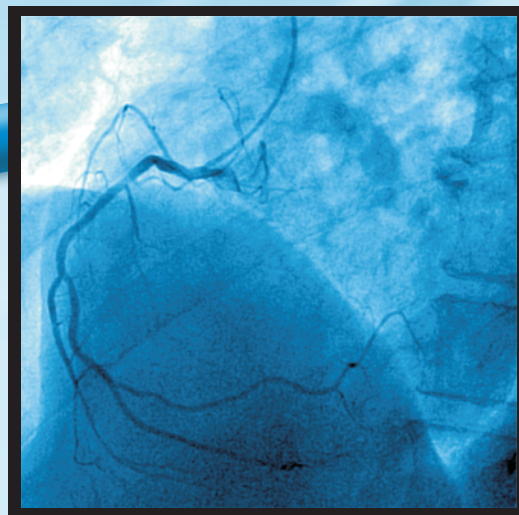
When flexibility & control is needed...



low friction

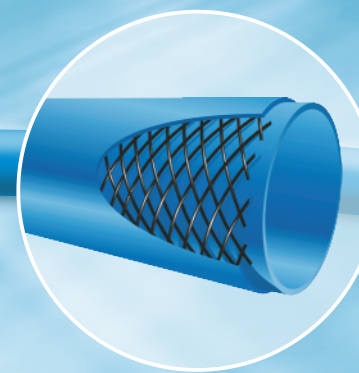


easy access



radial approach

Pointer provides easy introduction leading to lower occurrence of vessel spasms providing quick and reliable coronary vessel access.



double wire stainless steel braiding



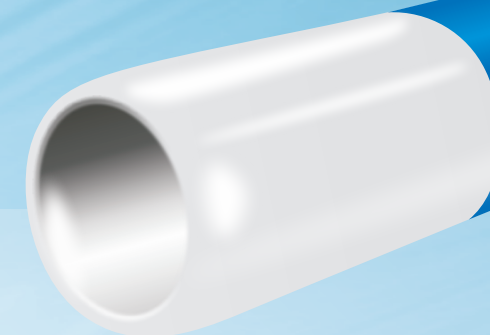
hub with grip section
for optimal torque control

Pointer proprietary nylon material
combination resulting in unsurpassed
performance:

- High flexibility
- Superior surface smoothness
- Excellent torque control

large inner lumen
superior flow rates

atraumatic soft tip



Pointer provides reliable kink free passage of tortuous
anatomy and calcified lesions while keeping optimal
torque control in the coronary arteries.

technical data

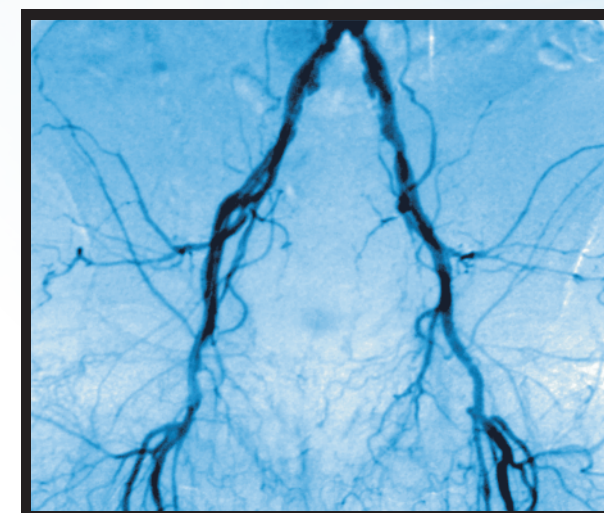
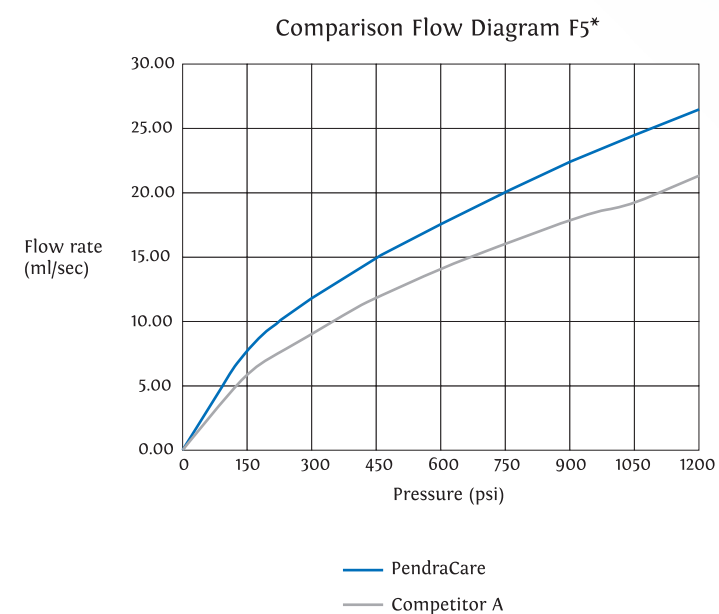
French 4	Selective	Pigtail
OD	0.055" / 1.40 mm	0.055" / 1.40 mm
ID body	0.044" / 1.12 mm	0.044" / 1.12 mm
ID tip	0.042" / 1.07 mm	0.042" / 1.07 mm

French 5	Selective	Pigtail
OD	0.065" / 1.65 mm	0.065" / 1.65 mm
ID body	0.050" / 1.27 mm	0.050" / 1.27 mm
ID tip	0.047" / 1.18 mm	0.042" / 1.07 mm

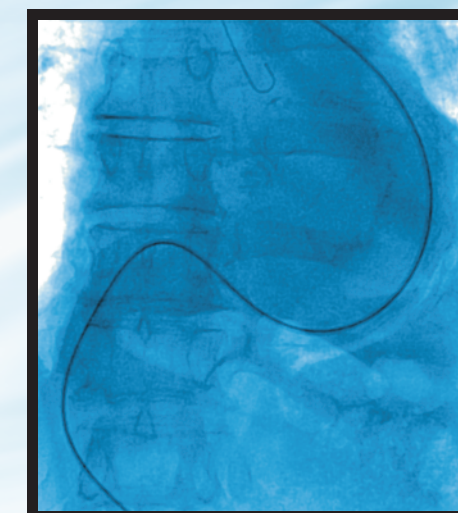
French 6	Selective	Pigtail
OD	0.079" / 2.00 mm	0.079" / 2.00 mm
ID body	0.057" / 1.44 mm	0.057" / 1.44 mm
ID tip	0.057" / 1.44 mm	0.042" / 1.07 mm

max. pressure 1200 psi / 84 bar
guide wire 0.038" / 0.97 mm

Larger inner lumens guarantees easy and complete contrast
filling for optimal vessel opacification.



calcified



tortuous

Ordering information

shape

5F

6F

7F

8F

LEFT

IL3	25402004	26402004	27402004*	28402004*
IL3.5	25402004	26402004*	27402004*	28402004*
IL4	25402204	26402204*	27402204*	28402204*
IL4.5	25402304	26402304*	27402304*	28402304*
IL5	25402404	26402404	27402404*	28402404*
IL6	25402504	26402504	27402504*	28402504*
FL3	25404404	26404404	27404404*	28404404*
FL3.5	25404504	26404504*	27404504*	28404504*
FL4	25404604	26404604*	27404604*	28404604*
FL4.5	25404704	26404704*	27404704*	28404704*
FL5	25404804	26404804*	27404804*	28404804*
FL6	25404904	26404904	27404904*	28404904*
XLBIAD3	25408104	26408104	27408104*	28408104*
XLBIAD3.5	25407804	26407804*	27407804*	28407804*
XLBIAD4	25407904	26407904*	27407904*	28407904*
XLBIAD4.5	25408204	26408204*	27408204*	28408204*
XLBIAD5	25408304	26408304*	27408304*	28408304*

RIGHT

IR3	25402704	26402704	27402704*	28402704*
IR3.5	25402704	26402704*	27402704*	28402704*
IR4	25402804	26402804*	27402804*	28402804*
IR4.5	25402904	26402904*	27402904*	28402904*
IR5	25403004	26403004	27403004*	28403004*
IR6	25403104	26403104	27403104*	28403104*
FR3	25403804	26403804	27403804*	28403804*
FR3.5	25403904	26403904*	27403904*	28403904*
FR4	25404004	26404004*	27404004*	28404004*
FR4.5	25404104	26404104*	27404104*	28404104*
FR5	25404204	26404204	27404204*	28404204*

MULTI PURPOSE

MR3	25404304	26404304	27404304*	28404304*
MR4	25404404	26404404*	27404404*	28404404*
MR5	25404504	26404504*	27404504*	28404504*

AMPLATZ

AL7.5	25400104	26400104*	27400104*	28400104*
AL1	25400204	26400204*	27400204*	28400204*
AL1.5	25400304	26400304*	27400304*	28400304*
AL2	25400304	26400304*	27400304*	28400304*
AL3	25400404	26400404*	27400404*	28400404*
AR1	25400504	26400504*	27400504*	28400504*
AR2	25400604	26400604*	27400604*	28400604*

EXTRA BACK UP

XBI3	25407104	26407104*	27407104*	28407104*
XBI3.5	25407204	26407204*	27407204*	28407204*
XBI3.5	25407304	26407304*	27407304*	28407304*
XBI3.5	25407404	26407404*	27407404*	28407404*
XBI4	25407504	26407504*	27407504*	28407504*
XBI4.5	25407604	26407604*	27407604*	28407604*
XBI4.5	25407704	26407704*	27407704*	28407704*
EBU3	25408604	26408604*	27408604*	28408604*
EBU3.5	25408704	26408704*	27408704*	28408704*
EBU3.5	25408804	26408804*	27408804*	28408804*
EBU3.5	25408904	26408904*	27408904*	28408904*
EBU4	25409004	26409004*	27409004*	28409004*
EBU4.5	25409104	26409104*	27409104*	28409104*
EBU4.5	25409204	26409204*	27409204*	28409204*
EBU4.5	25409304	26409304*	27409304*	

- Smooth catheter introduction
- Low friction during catheter advancement in tortuous and calcified anatomy
- Reduced vessel spasm in radial approach resulting in more patient comfort
- Less trauma to the vessel wall reducing the risk of debris flowing downstream which could lead to TIA's
- The uncoated proximal 25 cm of the catheter stays outside the body which makes manipulation easier

- No stick slip effect due to Hydrophilic coating provides more accurate tip positioning in ostial lesions
- The uncoated segment in the valve of the sheath prevents unintentional movement of the catheter during the procedure
- No catheter friction provides real 1:1 torque control of the tip
- Encapsulated ultra thin high strength flat wire braiding provides high kink resistance against torsional and radial compression and excellent pushability characteristics

- Good contrast injection, also in combination with kissing balloon technique
- Larger lumens offer expanded device compatibility for large profile devices and enables downsizing



- Excellent shape retention during prolonged procedure time
- Minimal temperature softening of the catheter providing more passive backup support
- Uncoated segment in the tip providing good grip at ostium and support of opposite aorta wall to give additional passive backup support

PRIMUM
Guiding catheter

HYDROPHILIC COATED GUIDING CATHETER



Let us guide you...



Wear resistant hydrophilic coating approx. 7cm proximal from the tip until 25 cm distal from the hub

Uncoated segment for optimal alignment and back up support

Largest inner lumen over the whole range

Small a-traumatic softtip

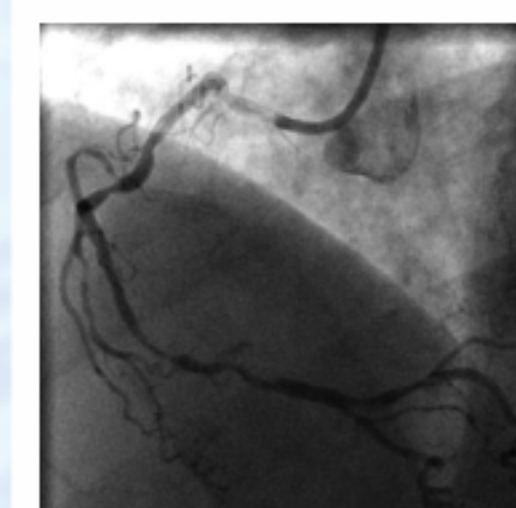
	FEMORAL			RADIAL			BYPASS		
	small	normal	dilated	small	normal	dilated	TO LCA	TO RCA	TO IM
LCA									
Left shapes	JL3 JL3,5 FL3,5	JL4 JL4,5 FL4,5	JL5 JL6 FL5 FL6	JL3 FL3 RBL3,5 RAD RBM TIG 3-5 RBK	JL3,5 JL4 FL3,5 FL4 RBL4 RAD RBM TIG 4,0 RBK	JL4,5 FL4,5 RBL4,5 RAD RBM TIG 4,5	LC8 HS JR4	RCB HS JR4	IM JR4
Extra back up shapes									
	XB3 XB3,25	XB3,5 XB3,75	XB4 XB3,25 XB4,5	XB3 XB3,25	XB3,5 XB3,75	XB4 XB3,25 XB4,5			
	EBU3 EBU3,25	EBU3,5 EBU3,75 EBU4	EBU4,25 EBU4,5 EBU5	EBU3 EBU3,25	EBU3,5 EBU3,75 EBU4	EBU4,25 EBU4,5 EBU5			
	XBLAD3 XBLAD3,5	XBLAD4 XBLAD4,5	XBLAD5 XBLAD6						
Amplatz shapes									
	AL75 AL1	AL1,5 AL2	AL3		AL2	AL3			
RCA									
Right shapes	JR3 JR3,5 FR3 FR3,5 SCR3,5	JR4 JR4,5 FR4 FR4,5 SCR4	JR5 JR6 FR5 FR6 SCR5	JR4 FR4 TIG 3 TIG 3,5	JR4 FR4 RAD RBM TIG 4,0 HS	JR4 FR4 RAD RBM TIG 4,5 TIG 5	HS AL2	MP AR1	
Extra back up shapes									
	XBRC A3	XBRC A3,5 XBRC M4 HS	XBRC M4,5	RBR3	RBR3,5 RBK	RBR4			
Amplatz shapes									
		AL75 AL1	AL1 AL2		AL75 AL1				
	AR1		AR2						

PRIMUM non nocere
First, do no harm

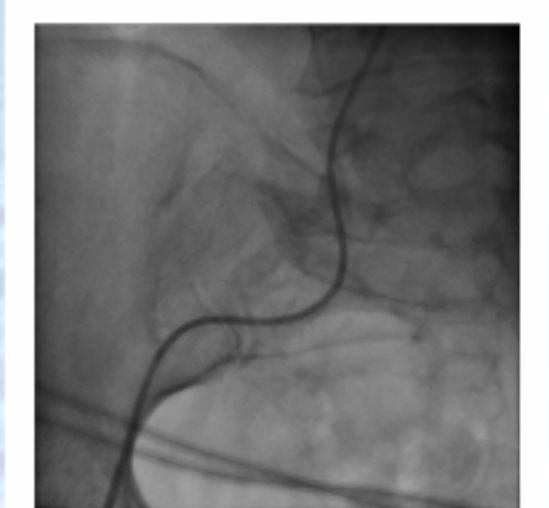
The guiding catheter is the key to a successful procedure. In combination with the unique features of the PRIMUM, the selection of a guiding catheter depends on:

- Femoral or Radial approach
- French size 5F, 6F, 7F or 8F
- Target vessel: RCA, LAD, LCX or bypass
- Narrow, normal or dilated aortic root
- Upward-, normal or downward facing coronary artery take-off
- Location of the lesion
- Severity of the lesion
- Active support needed
- Amount of calcium in target vessel

- 6F is the workhorse and the majority cases can be successfully performed with a 6F.
- 5F mainly for radial approach with small vessel and single vessel disease
- 7F when the back up support of a 6F may not be sufficient or for rotablator procedures with a Burr to 1.75 mm
- 8F for rotablator procedures with a Burr bigger than 1.75mm



Superior shape retention
and back up support



Low friction in tortuous and calcified anatomy