

RADIFOCUS® Optitorque®

Angiographic Catheter



An angiographic or diagnostic catheter is intended for use in angiographic procedures. It delivers radiopaque media and therapeutic agents to selected sites in the vascular system. It is also used to lead a guidewire or a catheter into the target site. Radifocus Optitorque, a complete line of coronary diagnostic catheters with optimum torque control and precise placement for smooth angiographic procedures.

Product Characteristics

- **High-torque design, precised manipulation¹**
- **The Tiger and BLK curves enable angiography of right and left coronary arteries using either radial or brachial approach - The single catheter concept decreases procedure and fluoroscopy time²**

¹ Terumo data on file. Reference RF55GB-0805MD-I5(0805)E. Measurement of distal rotation angle relative to the proximal rotation angle – comparison single mesh catheters vs Radifocus Optitorque.

² Seong-Man Kim et al, 2005. Novel Diagnostic Catheter specifically designed for both coronary arteries via the right transradial approach. The International Journal of Cardiovascular Imaging. 2005, 10.007/s10554-005-9029-8.

General Specifications

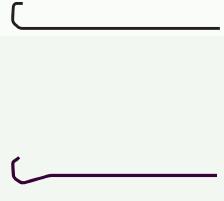
Pressure limit		4 Fr (1.40 mm) – 750 psi / 5Fr (1.70 mm) and 6 Fr (2.00 mm) – 1000 psi	
Guidewire compatibility		0.038" (0.97 mm)	
Outer diameter of the shaft (Fr/mm)	4 Fr / 1.40 mm	5 Fr / 1.70 mm	6 Fr / 2.00 mm
Inner diameter of the shaft (Inches / mm)	0.041" / 1.05 mm	0.047" / 1.22 mm	0.051" / 1.32 mm

Item Specifications

Shape name	Tip shape	Shape code	Side holes	Length	Item code by size		
					4Fr / 1.40 mm	5Fr / 1.70 mm	6Fr / 2.00 mm
Amplatz left		AL-1	0	100 cm	RH-4AL1000M	RH-5AL1000M	RH-6AL1000M
		AL-2	0	100 cm	RH-4AL2000M	RH-5AL2000M	RH-6AL2000M
		AL-3	0	100 cm	RH-4AL3000M	RH-5AL3000M	RH-6AL3000M
Amplatz right		AR-1	0	100 cm	RH-4AR1000M	RH-5AR1000M	RH-6AR1000M
		AR-2	0	100 cm	RH-4AR2000M	RH-5AR2000M	RH-6AR2000M
		AR-3	0	100 cm	-	RH-5AR3000M	RH-6AR3000M*
		AR-JP	0	100 cm	RH-4ARJP00M*	RH-5ARJP00M	RH-6ARJP00M*
		ModNTRr5	0	100 cm	-	RH-5ARR500M*	RH-6ARR500M*
		ModNTR	0	100 cm	-	RH-5ARRC00M	RH-6ARRC00M*
Judkins left		JL-3.5	0	100	RH-4CL3500M	RH-5CL3500M	RH-6CL3500M
		JL-4.0	0	100	RH-4CL4000M	RH-5CL4000M	RH-6CL4000M
		JL-5.0	0	100	RH-4CL5000M	RH-5CL5000M	RH-6CL5000M
		JL-6.0	0	100	-	RH-5CL6000M	-
		CL-2.5	0	80	-	RH-5CL2508M*	RH-6CL2508M*
		CL-2.5	0	100	-	-	RH-6CL2500M*
		CL-4.0	2	100	-	-	RH-6CL4020M*
		CL-4.0	0	110	-	RH-5CL4001M*	-
		CL-4.5	0	100	-	RH-5CL4500M*	RH-6CL4500M*
		CL-5.0	0	110	-	RH-5CL5001M*	-
		CL-6.0	0	100	-	RH-5CL6000M	RH-6CL6000M
		CL-6.0	0	110	-	RH-5CL6001M*	-

*This product may have additional lead time. Please contact your local Terumo contact for more information.

Item Specifications

Shape name	Tip shape	Shape code	Side holes	Length	Item code by size		
					4Fr / 1.40 mm	5Fr / 1.70 mm	6Fr / 2.00 mm
Judkins right		JR-2.5	0	80	-	-	RH-6CR2508M*
		JR-2.5	0	100	-	-	RH-6CR2500M*
		JR-3.5	0	100	RH-4CR3500M	RH-5CR3500M	RH-6CR3500M
		JR-3.5	2	110	-	RH-5CR3521M	-
		JR-3.5	2	80	-	RH-5CR3528M	-
		JR-4.0	0	100	RH-4CR4000M	RH-5CR4000M	RH-6CR4000M
		JR-4.0	0	100	-	-	RH-6JR4000M
		JR-5.0	0	100	RH-4CR5000M	RH-5CR5000M	RH-6CR5000M
		JR-6.0	0	100	-	-	RH-6JR6000M*
		CR-2.5	0	80	-	-	RH-6CR2508M*
		CR-2.5	0	100	-	-	RH-6CR2500M*
		CR-4.0	2	100	-	-	RH-6CR4020M*
		CR-4.0	0	110	-	-	RH-6CR4100M
		CR-4.5	0	100	-	RH-5CR4500M*	RH-6CR4500M
		CR-6.0	0	100	-	-	RH-6CR6000M*
Multipurpose		MP-2.5	2	100	RH-4MP2520M	RH-5MP2520M	-
		MP-3.0	2	100	RH-4MP3020M	-	-
		MP-3.5	0	100	-	RH*5MP3500M	-
		MP-3.5	0	100	-	RH-5MP3500M	RH-6MP3500M
		MP-3.5	2	100	RH-4MP3520M	-	-
		MP-3.5	2	110	RH-4MP3521M	-	-
		MP-4.0	2	100	RH-4MP4020M	RH-5MP4020M	RH-6MP4020M
Straight		ST	6	65	RH-4ST016GM	-	-
		ST	0	90	RH-4ST0109M	-	-
		ST	6	110	RH-4ST0161M*	-	-
Internal mammary		Type RA	0	110 cm	-	RH-5BPRA01M*	-
		Type RB	0	110 cm	-	RH-5BPRB01M*	-
		IM	0	100	RH-4BPIN00M	RH-5BPIN00M	RH-6BPIN00M
		IM-Round tip	0	100	-	RH-5BPI00M	-
		IM-Short tip	0	100	-	RH-5BPIR00M	RH-6BPIR00M*
		IM-JP type	0	100	RH-4BPJP00M	RH-5BPJP00M	-
Bypass		BP-JL	0	100	-	RH-5BPJL00M	RH-6BPJL00M
		BR-JR	0	100	-	RH-5BPJR00M	RH-6BPJR00M
Straight pigtail		PIG	6	65	RH-4SP006GM	RH-5SP006GM	-
		PIG	6	80	RH-4SP0068M	-	-
		PIG	6	90	RH-4SP0069M	-	-
		PIG	6	110	RH-4SP0061M	RH-5SP0061M	RH-6SP0061M
Angled pigtail		PIG-145°	6	110	RH-4AP4561M	RH-5AP4561M	RH-6AP4561M
		PIG-155°	6	110	RH-4AP5561M*	RH-5AP5561M	RH-6AP5561M
		PIG-Round 155°	4	110	RH-4APR241M*	-	-
Radial		Tiger I	1	100	-	RH-5TIG110M	RH-6TIG110M*
		Tiger I	1	110	-	RH-5TIG111M*	-
		Tiger II-3.5	1	100	-	RH-5TR3510M	-
		Tiger II-3.5	0	100	-	-	RH-6TR3500M*
		Tiger II-4.0	0	100	-	RH-5TR4000M	RH-6TR4000M
		Tiger II-4.0	0	110	-	RH-5TR4001M	-
		Tiger II-4.0	1	100	-	RH-5TR4010M	-
		Tiger II-4.5	0	100	-	RH-5TR4500M	-
		Tiger II-5.0	0	100	-	RH-5TR5000M	RH-6TR5000M
		Tiger II-5.0	0	110	-	RH-5TR5001M*	-
		BLK	1	100	-	RH-5BLK410M	-
		BLK	1	110	-	RH-5BLK411M*	-

Unit per box: 5pcs.

Please quote above item reference code when placing an order

*This product may have additional lead time. Please contact your local Terumo contact for more information.

An angiographic or diagnostic catheter is intended for use in angiographic procedures. It delivers radiopaque media and therapeutic agents to selected sites in the vascular system. It is also used to lead a guidewire or a catheter into the target site. The OUTLOOK 4 Fr (1.40mm) has a large lumen to allow contrast media to be injected at high flow rates and is designed towards exhibit good torque control.¹

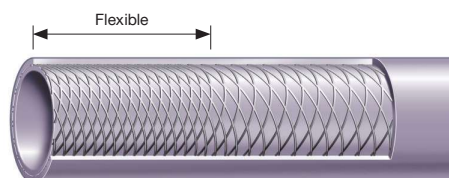
The catheter inserter on the pigtail catheter, can be used to straighten the catheter tip for easier insertion into the sheath. After catheter insertion, it can be peeled off the catheter. Fixed, strain relief, prevents the catheter from kinking at its proximal end.

Product Characteristics

- Double-braiding with variable pitch offers proximal support and increased flexibility at the distal end of the catheter, to promote a smooth catheter engagement in all kinds of anatomies.
- The wall structure permits flow rates up to 23 ml/sec (saline) and a maximum pressure limit of 1200 psi (8.274 kPa)¹
- The Tiger and BLK curves enable angiography of right and left coronary arteries using either radial or brachial approach - The single catheter concept decreases procedure and fluoroscopy time²

¹ Terumo Instructions for Use, Outlook catheter.

² Seong-Man Kim et al, 2005. Novel Diagnostic Catheter specifically designed for both coronary arteries via the right transradial approach. The International Journal of Cardiovascular Imaging. 2005, 10.007/s10554-005-9029-8.



General Specifications

Pressure limit	4 Fr (1,40 mm) – 1200 psi
Guidewire compatibility	0,038" (0,97 mm)
Outer diameter of the shaft (Fr/mm)	4 Fr / 1.40 mm
Inner diameter of the shaft (Inches/mm)	0.041" / 1.05 mm

Item Specifications

Shape name	Tip shape	Shape code	Side holes	Length	Item code by size
					4Fr / 1.40 mm
Amplatz left		AL-1	0	100 cm	RQ-4AL1000M
		AL-2	0	100 cm	RQ-4AL2000M
		AL-3	0	100 cm	RQ-4AL3000M
Amplatz right		AR-1	0	100 cm	RQ-4AR1000M
		AR-2	0	100 cm	RQ-4AR2000M
		AR-JP	0	100 cm	RQ-4ARJP00M
Amplatz modified		AR-JP	0	100 cm	RQ-4ARRC00M*
Judkins left		JL-3.5	0	100 cm	RQ-4JL3500M
		JL-4.0	0	100 cm	RQ-4JL4000M
		JL-5.0	0	100 cm	RQ-4JL5000M
		JL-6.0	0	100 cm	RQ-4JL6000M
Judkins right		CR-25	0	80 cm	RQ-4CR2508M*
		JR-3.5	0	100 cm	RQ-4JR3500M
		JR-4.0	0	100 cm	RQ-4JR4000M
		JR-5.0	0	100 cm	RQ-4JR5000M
Multipurpose		MP-2.5	0	100 cm	RQ-4MP2500M
		MP-4.0	2	100 cm	RQ-4MP4020M
		El Gamal 2	0	100 cm	RQ-4MP4100M
Internal mammary		IM-Short tip	0	100 cm	RQ-4BPIR00M
		IM-JP type	0	100 cm	RQ-4BPJP00M
Bypass		BP-JL	0	100 cm	RQ-4BPJL00M
		BR-JR	0	100 cm	RQ-4BPJR00M

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Item Specifications

Straight pigtail		PIG	8	110 cm	RQ-4SP0081M
		PIG	8	90 cm	RQ-4SP0089M
		PIG	8	65 cm	RQ-4SP008GM
		PIG-Small	4	65 cm	RQ-4SPS04GM
Angled pigtail		PIG-145°	8	110 cm	RQ-4AP4581M
		PIG-155°	8	110 cm	RQ-4AP5581M
Radial		Tiger I	1	100 cm	RQ-4TIG110M
		Tiger II-3.5	1	100 cm	RQ-4TR3510M
		Tiger II-4.0	0	100 cm	RQ-4TR4000M*
		Tiger II-4.0	1	100 cm	RQ-4TR4010M
		Tiger II-5.0	0	100 cm	RQ-4TR5000M
		BLK-4.0	1	100 cm	RQ-4BLK410M

Unit per box: 5pcs.
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