

PRODUCT SPECIFICATIONS

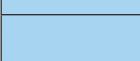
Radifocus® Optitorque®

Size	I.D.	Flow rate	Pressure limit
	Shaft	Saline	
4 Fr	1.03 mm	19 ml/sec	750 psi
5 Fr	1.20 mm	32 ml/sec	1000 psi
6 Fr	1.30 mm	37 ml/sec	1000 psi

Outlook™

Size	I.D.	Flow rate	Pressure limit
	Shaft	Saline	
4 Fr	1.03 mm	23 ml/sec	1200 psi

ORDERING INFORMATION

				RADIFOCUS OPTITORQUE CATH.			OUTLOOK CATH.
				Item code by size			
Tip shape	Shape name	Side holes	Length	4 Fr/1.40 mm	5 Fr/1.70 mm	6 Fr/2.00 mm	4 Fr/1.40 mm
Cardiology							
	Amplatz Left AL-1	0	100 cm	RH-4AL1000M	RH-5AL1000M	RH-6AL1000M	RQ-4AL1000M
	Amplatz Left AL-2	0	100 cm	RH-4AL2000M	RH-5AL2000M	RH-6AL2000M	RQ-4AL2000M
	Amplatz Left AL-3	0	100 cm	RH-4AL3000M	RH-5AL3000M	RH-6AL3000M	RQ-4AL3000M
	Amplatz Right AR-1	0	100 cm	RH-4AR1000M	RH-5AR1000M	RH-6AR1000M	RQ-4AR1000M
	Amplatz Right AR-2	0	100 cm	RH-4AR2000M	RH-5AR2000M	RH-6AR2000M	RQ-4AR2000M
	Amplatz Right AR-3	0	100 cm	-	RH-5AR3000M	-	-
	Amplatz Right AR-JP	0	100 cm	-	RH-5ARJP00M	-	RQ-4ARJP00M
	Amplatz Modified ModNTR	0	100 cm	-	RH-5ARRC00M	-	-
	Judkins Left CL-3.5 or JL-3.5	0	100 cm	RH-5CL3500M	RH-6CL3500M	RH-6CL3500M	RQ-4JL3500M
	Judkins Left CL-4.0 or JL-4.0	0	100 cm	RH-5CL4000M	RH-6CL4000M	RH-6CL4000M	RQ-4JL4000M
	Judkins Left CL-4.0	0	110 cm	-	RH-5CL4001M	-	-
	Judkins Left CL-4.5	0	100 cm	-	RH-5CL4500M¹	RH-6CL4500M	-
	Judkins Left CL-5.0 or JL-5.0	0	100 cm	RH-5CL5000M	RH-6CL5000M	RH-6CL5000M	RQ-4JL5000M
	Judkins Left CL-6.0 or JL-6.0	0	100 cm	-	RH-5CL6000M	RH-6CL6000M	RQ-4JL6000M
	Judkins Right CR-2.5	0	80 cm	-	-	-	RQ-4CR2508M
	Judkins Right CR-3.5	2	80 cm	-	RH-5CR3528M	-	-
	Judkins Right CR-3.5 or JR-3.5	0	100 cm	RH-4CR3500M	RH-5CR3500M	RH-6CR3500M	RQ-4JR3500M
	Judkins Right CR-3.5	2	110 cm	-	RH-5CR3521M	-	-
	Judkins Right JR-4.0	0	100 cm	-	-	RH-6JR4000M	-
	Judkins Right CR-4.0 or JR-4.0	0	100 cm	RH-4CR4000M	RH-5CR4000M	RH-6CR4000M	RQ-4JR4000M
	Judkins Right CR-4.0	0	100 cm	-	-	RH-6CR4100M	-
	Judkins Right CR-4.5	0	100 cm	-	-	RH-6CR4500M	-
	Judkins Right CR-5.0 or JR-5.0	0	100 cm	RH-4CR5000M	RH-5CR5000M	RH-6CR5000M	RQ-4JR5000M
	Multipurpose MP-2.5	2	100 cm	RH-4MP2520M	RH-5MP2520M	-	-
	Multipurpose MP-2.5	0	100 cm	-	-	-	RQ-4MP2500M
	Multipurpose MP-3.0	2	100 cm	RH-4MP3020M	-	-	-
	Multipurpose MP-3.5	0	100 cm	-	RH-5MP3500M	RH-6MP3500M	-
	Multipurpose MP-3.5	2	100 cm	RH-4MP3520M	-	-	-
	Multipurpose MP-3.5	2	110 cm	RH-4MP3521M	-	-	-
	Multipurpose MP-4.0	2	100 cm	RH-4MP4020M	RH-5MP4020M	RH-6MP4020M	RQ-4MP4020M
	Multipurpose MP-4.0	0	110 cm	-	RH-5MP4001M	-	-
	Multipurpose EI Gamal 2	0	100 cm	-	-	-	RQ-4MP4100M
	Straight ST	6	65 cm	RH-4ST016GM	-	-	-
	Straight ST	0	90 cm	RH-4ST0109M	-	-	-
	Straight ST	6	110 cm	RH-4ST0161M	-	-	-
	Internal Mammary IM	0	100 cm	RH-4BPIN00M	RH-5BPIN00M	RH-6BPIN00M	-
	Internal Mammary IM-Round Tip	0	100 cm	-	RH-5BPIM00M	-	-
	Internal Mammary IM-Short tip	0	100 cm	-	RH-5BPJ00M	-	RQ-4BPJ00M
	Internal Mammary IM-JP type	0	100 cm	RH-4BPJP00M	RH-5BPJP00M	-	RQ-4BPJP00M
	Bypass BP-JL	0	100 cm	-	RH-5BPJL00M	RH-6BPJL00M	RQ-4BPJL00M
	Bypass BP-JR	0	100 cm	-	RH-5BPJ00M	RH-6BPJ00M	RQ-4BPJ00M
	Straight Pigtail PIG-Small	4	65 cm	-	-	-	RQ-4SP504GM
	Straight Pigtail PIG	6	65 cm	RH-4SP006GM	RH-5SP006GM	-	-
	Straight Pigtail PIG	8	65 cm	-	-	-	RQ-4SP008GM
	Straight Pigtail PIG	6	80 cm	RH-4SP0068M	-	-	-
	Straight Pigtail PIG	6	90 cm	RH-4SP0069M	-	-	-
	Straight Pigtail PIG	8	90 cm	-	-	-	RQ-4SP0089M
	Straight Pigtail PIG	6	110 cm	RH-4SP0061M	RH-5SP0061M	RH-6SP0061M	-
	Straight Pigtail PIG	8	110 cm	-	-	-	RQ-4SP0081M
	Angled Pigtail PIG-145°	6	110 cm	RH-4AP4561M	RH-5AP4561M	RH-6AP4561M	-
	Angled Pigtail PIG-145°	8	110 cm	-	-	-	RQ-4AP4581M
	Angled Pigtail PIG-155°	6	110 cm	-	RH-5AP5561M	RH-6AP5561M	-
	Angled Pigtail PIG-155°	8	110 cm	-	-	-	RQ-4AP5581M
	Radial Tiger I	1	100 cm	-	RH-5TIG110M	RH-6TIG110M	RQ-4TIG110M
	Radial Tiger I	1	110 cm	-	RH-5TIG111M	-	-
	Radial Tiger II-3.5	1	100 cm	-	-	-	RQ-4TR3510M
	Radial Tiger II-4.0	0	100 cm	-	RH-5TR4000M	RH-6TR4000M	RQ-4TR4000M
	Radial Tiger II-4.0	1	100 cm	-	-	-	RQ-4TR4010M
	Radial Tiger II-4.0	0	110 cm	-	RH-5TR4001M	-	-
	Radial Tiger II-4.5	0	100 cm	-	RH-5TR4500M	-	-
	Radial Tiger II-5.0	0	100 cm	-	RH-5TR5000M	RH-6TR5000M	RQ-4TR5000M
	Radial BLK	1	100 cm	-	RH-5BLK410M	RH-6BLK410M	RQ-4BLK410M
	Radial BLK	1	110 cm	-	RH-5BLK411M¹	-	-

1. This device may have additional lead time. Please contact your local Terumo contact for more information.

Units per box: 5 pcs

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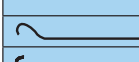
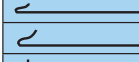
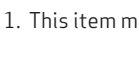
Radifocus® Optitorque®

Size	I.D.	Flow rate	Pressure limit
	Shaft	Saline	
4 Fr	1.03 mm	19 ml/sec	750 psi
5 Fr	1.20 mm	32 ml/sec	1000 psi

Outlook™

Size	I.D.	Flow rate	Pressure limit
	Shaft	Saline	
4 Fr	1.03 mm	23 ml/sec	1200 psi

ORDERING INFORMATION

				RADIFOCUS OPTITORQUE CATH.		OUTLOOK CATH.
				Item code by size		
Tip shape	Shape name	Side holes	Length	4 Fr/1.40 mm	5 Fr/1.70 mm	4 Fr/1.40 mm
Visceral Shapes						
	Cobra small	0	65cm	RH-AB4410GM	RH-AB4510GM	-
		0	80 cm	RH-AB44108M	RH-AB45108M	-
	Cobra Middle	0	65cm	RH-AB5410GM	RH-AB5510GM	-
		0	80 cm	RH-AB54108M	RH-AB55108M	RQ-AB54108M
	Cobra Large	0	80 cm	RH-AB64108M	RH-AB65108M	-
		0	65 cm	RH-AD6410GM	RH-AD6510GM	-
	J Curve Small	0	65 cm	RH-AD6410GM	RH-AD6510GM	-
		0	65 cm	RH-AD5410GM	RH-AD5510GM	-
	Simmons/Sidewinder 1	0	65 cm	RH-AE4410GM	RH-AE4510GM	-
		0	80 cm	RH-AE44108M	RH-AE55108M	-
	Simmons/Sidewinder (type S-J)	0	65 cm	-	RH-AE5510GM	-
		0	65 cm	RH-AC4410GM	RH-AC4510GM	-
	Shepherd Hook 1.0 cm	0	80cm	-	RH-AUB5108M	-
		0	80cm	-	RH-AUB5108M	-
Cerebral Shapes						
	Simmons/Sidewinder 1	0	100 cm	RH-BA14110M	-	RQ-BA14110M
		0	100 cm	RH-BA24110M	RH-BA25110M	RQ-BA24110M
	Simmons/Sidewinder 2	0	100 cm	RH-BA34110M	RH-BA35110M	-
		0	100 cm	RH-BB14110M	RH-BB15110M	-
	Bentson-Hanabee-Wilson 1	0	100 cm	RH-BE14110M	-	-
		0	100 cm	RH-BE24110M	RH-BE25110M	-
	Bentson-Hanabee-Wilson 2	0	100 cm	-	RH-BG15110M	-
		0	100 cm	RH-BH14110M	RH-BH15110M	RQ-BH14110M
	Vertebral	0	100 cm	-	RH-BH5110M	RQ-BHA4110M
		0	100 cm	-	RH-BH5110M	RQ-BHA4110M
Flush Catheters						
	Straight Pigtail	6	65 cm	RH-4SP006GM	RH-5SP006GM	-
		8	65 cm	-	-	RQ-4SP008GM
	Straight Pigtail	6	80 cm	RH-4SP0068M	-	-
		8	90 cm	-	-	RQ-4SP0089M
	Straight Pigtail	6	110 cm	RH-4ST016GM	-	-
		6	110 cm	-	-	-
Bolia Mini Cath						
	Mini-Cath Standard	0	20 cm	RH-BH94102M¹	-	RQ*BH94102M
		0	30 cm	-	-	RQ*BH94103M
	Mini-Cath Standard 60° angle	0	20 cm	-	-	RQ*BHA4102M

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A CLEAR PICTURE OF YOUR
DIAGNOSTIC OPTIONS.



RADIFOCUS® *Optitorque*®

A complete line of angiographic catheters, designed for easy manipulation.

- **Easy manipulation**

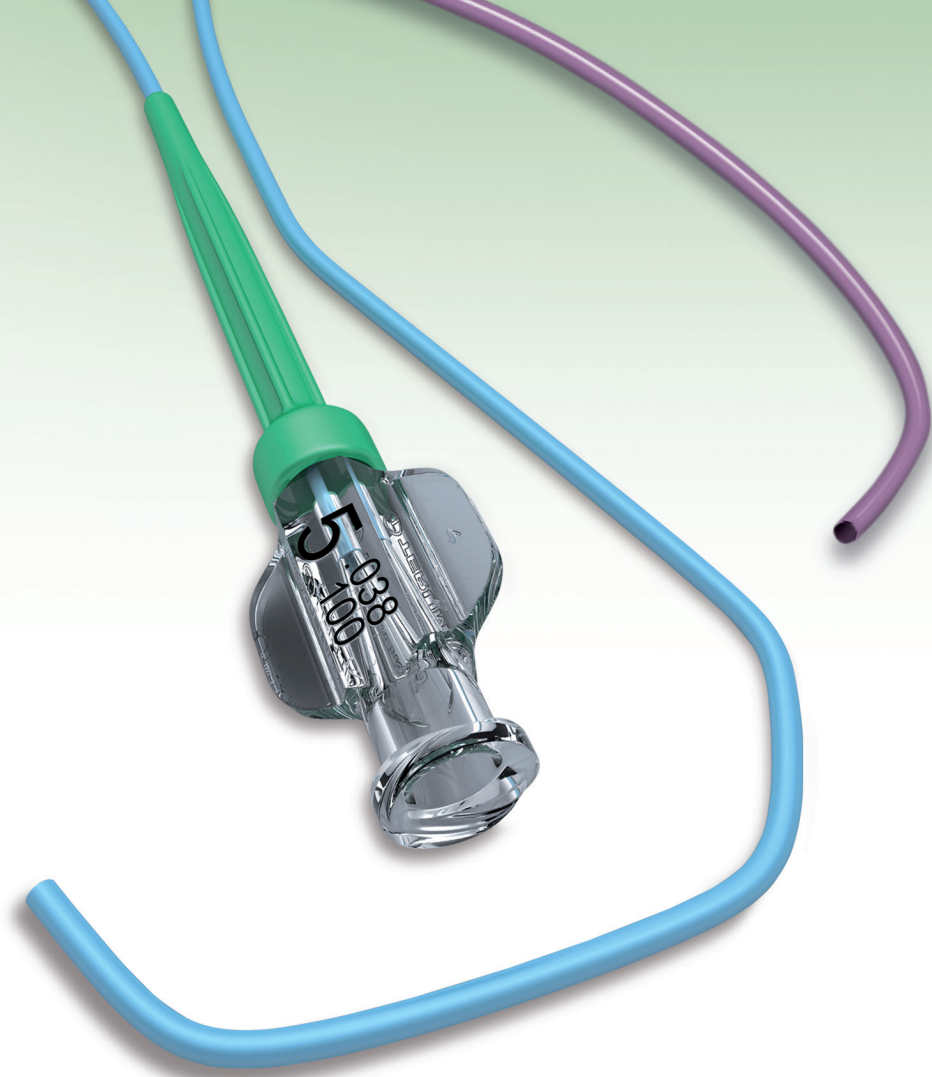
The double-braided stainless steel mesh technology provides good torque control (1:1) and catheter stability.

- **Reduced injection time**

The catheter's ultra-thin wall creates a large lumen thereby increasing flow of the contrast media and reducing injection time¹.

- **A full range of shapes**

Dedicated shapes for cardiology and peripheral procedures.

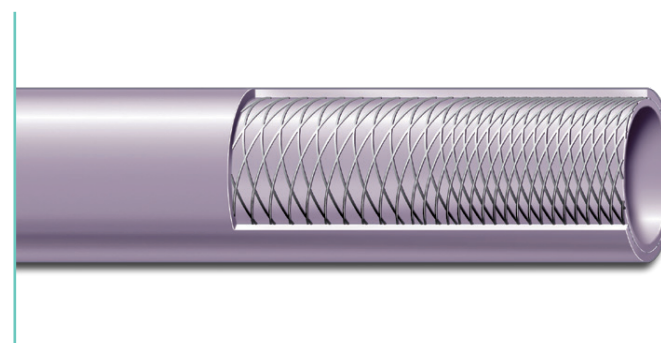


Outlook™

The dedicated 4 Fr Outlook catheter facilitates performance through a small diameter.

- **Smooth catheter engagement**

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.



- **High pressure limits**

The ultra-thin wall structure permits smaller outer and larger inner diameter enabling flow rates up to 23 ml/sec (Saline), and a maximum pressure limit of 1200 psi/8274 kPa.



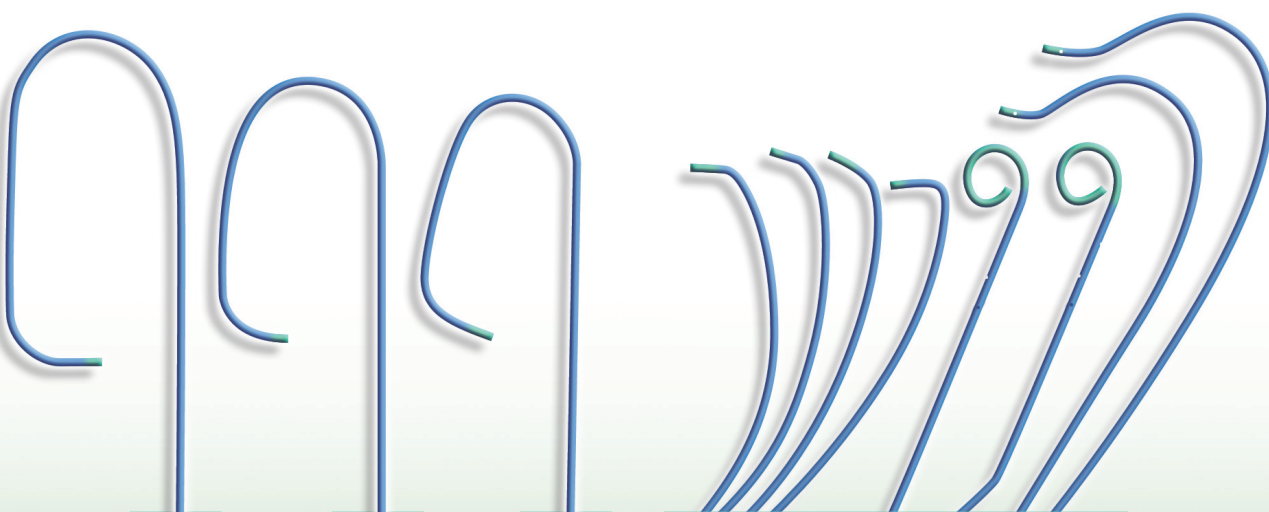
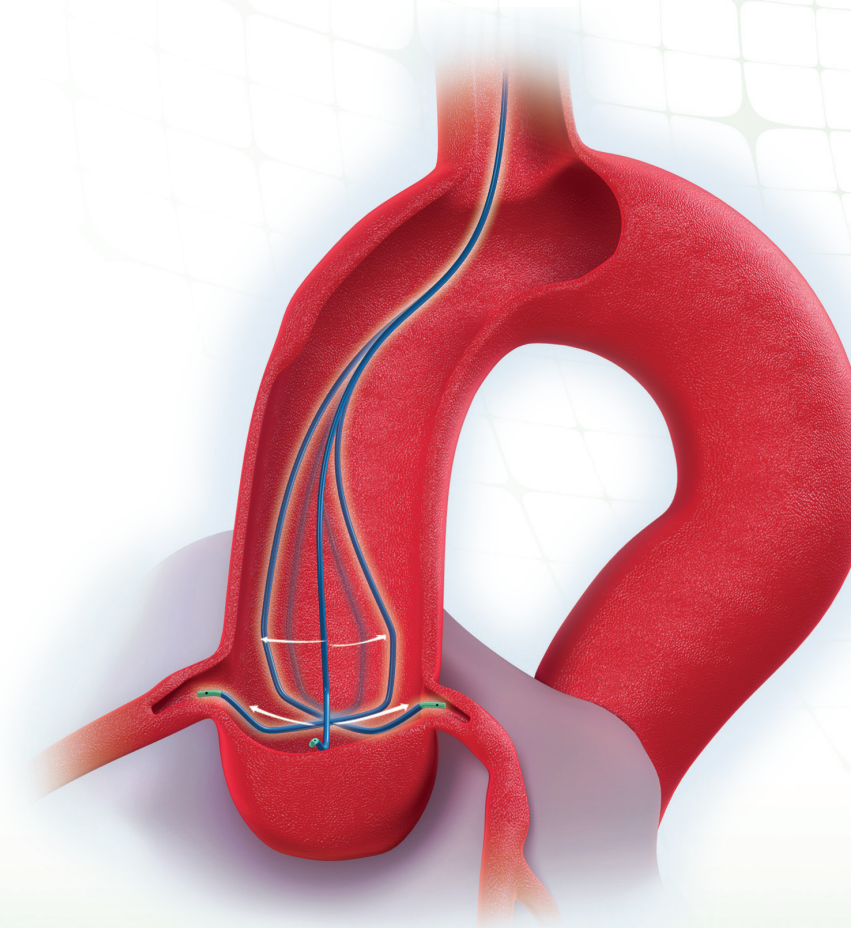
OUR DEDICATION TO **TRANSRADIAL PROCEDURES**

Radial Shapes

The Tiger and BLK curves enable angiography of right and left coronary arteries using either radial or brachial approach. The single catheter concept, eliminating the catheter exchange step, provides both procedural and cost efficiencies¹.

- **Single catheter concept for coronary interventions**

- › **Eliminates** catheter exchange step.
- › **Shortens** procedure and fluoroscopic time¹.
- › Engages with a **simple** clockwise rotation to enhance ease of use¹.



1. 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. A prospective, randomised trial of Terumo Tiger II vs Cordis Judkins Catheters.