

RADIFOCUS® *Optitorque*®



Angiographic catheter

An angiographic or diagnostic catheter is intended for use in angiographic procedures.¹ It delivers radiopaque media and therapeutic agents to selected sites in the vascular system.¹ It is also used to lead a guidewire or a catheter into the target site.¹

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 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.






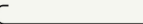
² Kim S-M et al. Int J Cardiovasc Imaging 2006;22:295-303.

General specifications



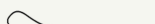

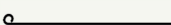
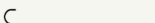
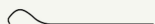
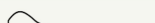
Guidewire Compatibility - Diameter

0.038 in / 0.97 mm

Item specifications



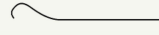
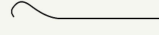

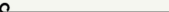
| Outer Diameter | Length | Inner Diameter | Shape | Pressure Limit | Side Holes | Code |
|----------------|--------|---------------------|--|----------------|------------|-------------|
| 4 Fr 1.4 mm | 20 cm | 0.041 in 1.03 mm | - | 750 psi | 0 | RH-BH94102M |
| 4 Fr 1.4 mm | 65 cm | 0.041 in 1.03 mm | - | 750 psi | 0 | RH-AE4410GM |
| 4 Fr 1.4 mm | 65 cm | 0.041 in 1.03 mm | - | 750 psi | 6 | RH-4ST016GM |
| 4 Fr 1.4 mm | 65 cm | 0.041 in 1.03 mm |  J-Curve Large | 750 psi | 0 | RH*AD4410GM |
| 4 Fr 1.4 mm | 65 cm | 0.041 in 1.03 mm |  Shepherd Hook 1.0 cm | 750 psi | 0 | RH*AC4410GM |
| 4 Fr 1.4 mm | 65 cm | 0.041 in 1.03 mm |  Shepherd Hook 1.0 cm | 750 psi | 0 | RH-AC4410GM |
| 4 Fr 1.4 mm | 65 cm | 0.041 in 1.03 mm |  Cobra 2 Middle | 750 psi | 0 | RH-AB5410GM |
| 4 Fr 1.4 mm | 65 cm | 0.041 in 1.03 mm |  Cobra 2 Middle | 750 psi | 0 | RH*AB5410GM |
| 4 Fr 1.4 mm | 65 cm | 0.041 in 1.03 mm |  J Curve Large | 750 psi | 0 | RH-AD4410GM |

Item specifications

| Outer Diameter | Length | Inner Diameter | Shape | Pressure Limit | Side Holes | Code |
|----------------|--------|---------------------|---|----------------|------------|-------------|
| 4 Fr 1.4 mm | 65 cm | 0.041 in 1.03 mm |  J Curve Small | 750 psi | 0 | RH-AD6410GM |
| 4 Fr 1.4 mm | 65 cm | 0.041 in 1.03 mm |  Cobra 1 Small | 750 psi | 0 | RH-AB4410GM |
| 4 Fr 1.4 mm | 65 cm | 0.041 in 1.03 mm |  Cobra 1 Small | 750 psi | 0 | RH*AB4410GM |
| 4 Fr 1.4 mm | 65 cm | 0.041 in 1.03 mm |  J-Curve Small | 750 psi | 0 | RH*AD6410GM |
| 4 Fr 1.4 mm | 65 cm | 0.041 in 1.03 mm |  Straight Pigtail | 750 psi | 6 | RH-4SP006GM |
| 4 Fr 1.4 mm | 65 cm | 0.041 in 1.03 mm |  J Curve Middle | 750 psi | 0 | RH-AD5410GM |
| 4 Fr 1.4 mm | 80 cm | 0.041 in 1.03 mm | - | 750 psi | 0 | RH-AE44108M |
| 4 Fr 1.4 mm | 80 cm | 0.041 in 1.03 mm |  Cobra 2 Middle | 750 psi | 0 | RH-AB54108M |
| 4 Fr 1.4 mm | 80 cm | 0.041 in 1.03 mm |  Cobra 2 Middle | 750 psi | 0 | RH*AB54108M |

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Item specifications

| Outer Diameter | Length | Inner Diameter | Shape | Pressure Limit | Side Holes | Code |
|----------------|--------|---------------------|---|----------------|------------|-------------|
| 4 Fr 1.4 mm | 80 cm | 0.041 in 1.03 mm |  Cobra 3 Large | 750 psi | 0 | RH-AB64108M |
| 4 Fr 1.4 mm | 80 cm | 0.041 in 1.03 mm |  Cobra 3 Large | 750 psi | 0 | RH*AB64108M |
| 4 Fr 1.4 mm | 80 cm | 0.041 in 1.03 mm |  Cobra 1 Small | 750 psi | 0 | RH-AB44108M |
| 4 Fr 1.4 mm | 80 cm | 0.041 in 1.03 mm |  Cobra 1 Small | 750 psi | 0 | RH*AB44108M |
| 4 Fr 1.4 mm | 80 cm | 0.041 in 1.03 mm |  Straight Pigtail | 750 psi | 6 | RH-4SP0068M |
| 4 Fr 1.4 mm | 90 cm | 0.041 in 1.03 mm | - | 750 psi | 0 | RH-4ST0109M |
| 4 Fr 1.4 mm | 90 cm | 0.041 in 1.03 mm |  Straight Pigtail | 750 psi | 6 | RH-4SP0069M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm | - | 750 psi | 0 | RH*BA14110M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm | - | 750 psi | 0 | RH-4BPJP00M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm | - | 750 psi | 0 | RH*BA24110M |




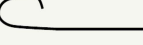
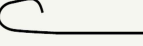
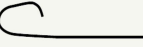


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Item specifications


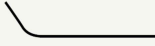




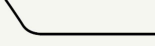
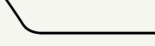
| Outer Diameter | Length | Inner Diameter | Shape | Pressure Limit | Side Holes | Code |
|----------------|--------|---------------------|--|----------------|------------|-------------|
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm | - | 750 psi | 0 | RH-4AL2000M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm | - | 750 psi | 0 | RH-BA24110M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm | - | 750 psi | 0 | RH-BA34110M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm | - | 750 psi | 0 | RH*BB14110M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm | - | 750 psi | 0 | RH-BB14110M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm | - | 750 psi | 0 | RH*BB24110M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm | - | 750 psi | 0 | RH*BA34110M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm | - | 750 psi | 0 | RH-BB24110M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm | - | 750 psi | 0 | RH-BA14110M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Bentson Hanafee Wilson 2 | 750 psi | 0 | RH*BE24110M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Vertebral | 750 psi | 0 | RH*BH14110M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Vertebral | 750 psi | 0 | RH-BH14110M |

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Item specifications







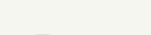
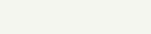
| Outer Diameter | Length | Inner Diameter | Shape | Pressure Limit | Side Holes | Code |
|----------------|--------|---------------------|---|----------------|------------|-------------|
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Bentson Hanafee Wilson 1 | 750 psi | 0 | RH*BE14110M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Bentson-Hanafee- Wilson 1 | 750 psi | 0 | RH-BE14110M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  MANI | 750 psi | 0 | RH-BG14110M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Judkins Left 3.5 | 750 psi | 0 | RH*4JL3500M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Judkins Left 3.5 | 750 psi | 0 | RH-4CL3500M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Judkins Left 4.0 | 750 psi | 0 | RH*4JL4000M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Judkins Left 4 | 750 psi | 0 | RH-4CL4000M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Judkins Left 5 | 750 psi | 0 | RH*4JL5000M |

Item specifications

| Outer Diameter | Length | Inner Diameter | Shape | Pressure Limit | Side Holes | Code |
|----------------|--------|---------------------|---|----------------|------------|-------------|
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Judkins Left 5 | 750 psi | 0 | RH-4CL5000M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Multipurpose 2.5 | 750 psi | 2 | RH-4MP2520M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Multipurpose 2.5 | 750 psi | 2 | RH*4MP2520M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Multipurpose 3.0 | 750 psi | 2 | RH*4MP3020M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Multipurpose 3.0 | 750 psi | 2 | RH-4MP3020M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Multipurpose 3.5 | 750 psi | 2 | RH-4MP3520M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Multipurpose 4.0 | 750 psi | 2 | RH*4MP4020M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Multipurpose 4.0 | 750 psi | 2 | RH-4MP4020M |


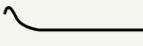


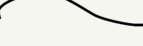


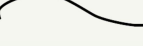
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Item specifications

| Outer Diameter | Length | Inner Diameter | Shape | Pressure Limit | Side Holes | Code |
|----------------|--------|---------------------|--|----------------|------------|-------------|
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Newton Technique 1 | 750 psi | 0 | RH-BC14110M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Internal Mammary | 750 psi | 0 | RH-4BPIN00M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Internal Mammary | 750 psi | 0 | RH*4BPIN00M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Amplatz Left Large | 750 psi | 0 | RH-4AL3000M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Amplatz Left Small | 750 psi | 0 | RH-4AL1000M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Amplatz Left Small | 750 psi | 0 | RH*4AL1000M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Amplatz Right Middle | 750 psi | 0 | RH-4AR2000M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Amplatz Right Middle | 750 psi | 0 | RH*4AR2000M |








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Item specifications

| Outer Diameter | Length | Inner Diameter | Shape | Pressure Limit | Side Holes | Code |
|----------------|--------|---------------------|---|----------------|------------|-------------|
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Amplatz Right Small | 750 psi | 0 | RH-4AR1000M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Bentson-Hanafee- Wilson 2 | 750 psi | 0 | RH-BE24110M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Judkins Right 3.5 | 750 psi | 0 | RH*4JR3500M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Judkins Right 3.5 | 750 psi | 0 | RH-4CR3500M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Judkins Right 3.5 | 750 psi | 0 | RH*4CR3500M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Judkins Right 4 | 750 psi | 0 | RH*4JR4000M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Judkins Right 4 | 750 psi | 0 | RH-4CR4000M |
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Judkins Right 4 | 750 psi | 0 | RH*4CR4000M |








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Item specifications

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|----------------|--------|---------------------|--|----------------|------------|-------------|
| 4 Fr 1.4 mm | 100 cm | 0.041 in 1.03 mm |  Judkins Right 5 | 750 psi | 0 | RH-4CR5000M |
| 4 Fr 1.4 mm | 110 cm | 0.041 in 1.03 mm | - | 750 psi | 0 | RH-ABP4111M |
| 4 Fr 1.4 mm | 110 cm | 0.041 in 1.03 mm | - | 750 psi | 6 | RH-4ST0161M |
| 4 Fr 1.4 mm | 110 cm | 0.041 in 1.03 mm |  Multipurpose 3.5 | 750 psi | 2 | RH-4MP3521M |
| 4 Fr 1.4 mm | 110 cm | 0.041 in 1.03 mm |  Straight Pigtail | 750 psi | 6 | RH*4SP0061M |
| 4 Fr 1.4 mm | 110 cm | 0.041 in 1.03 mm |  Straight Pigtail | 750 psi | 6 | RH-4SP0061M |
| 4 Fr 1.4 mm | 110 cm | 0.041 in 1.03 mm |  Angled Pigtail 145° | 750 psi | 6 | RH*4AP4561M |
| 4 Fr 1.4 mm | 110 cm | 0.041 in 1.03 mm |  Angled Pigtail 145° | 750 psi | 6 | RH-4AP4561M |
| 4 Fr 1.4 mm | 110 cm | 0.041 in 1.03 mm |  Angled Pigtail 155° | 750 psi | 6 | RH-4AP5561M |

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Item specifications

| Outer Diameter | Length | Inner Diameter | Shape | Pressure Limit | Side Holes | Code |
|----------------|--------|---------------------|--|----------------|------------|-------------|
| 4 Fr 1.4 mm | 110 cm | 0.041 in 1.03 mm |  Angled Pigtail Round Type 155° | 750 psi | 4 | RH*4APR241M |
| 4 Fr 1.4 mm | 110 cm | 0.041 in 1.03 mm |  Angled Pigtail Round Type 155° | 750 psi | 4 | RH-4APR241M |
| 5 Fr 1.7 mm | 65 cm | 0.047 in 1.2 mm | - | 1000 psi | 0 | RH-AED510GM |
| 5 Fr 1.7 mm | 65 cm | 0.047 in 1.2 mm | - | 1000 psi | 0 | RH-AE4510GM |
| 5 Fr 1.7 mm | 65 cm | 0.047 in 1.2 mm |  Shepherd Hook 0.8 cm | 1000 psi | 0 | RH-AC3510GM |
| 5 Fr 1.7 mm | 65 cm | 0.047 in 1.2 mm |  Shepherd Hook 1.0 cm | 1000 psi | 0 | RH-AC4510GM |
| 5 Fr 1.7 mm | 65 cm | 0.047 in 1.2 mm |  Cobra 2 Middle | 1000 psi | 0 | RH-AB5510GM |
| 5 Fr 1.7 mm | 65 cm | 0.047 in 1.2 mm |  Cobra 2 Middle | 1000 psi | 0 | RH*AB5510GM |
| 5 Fr 1.7 mm | 65 cm | 0.047 in 1.2 mm |  J Curve Small | 1000 psi | 0 | RH-AD6510GM |

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