Progreat™

Micro Catheter System

Description

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Navigate distally with ease, embolize with reliability[1]

Terumo offers the Progreat microcatheter system designed for therapeutic embolization and angiography in peripheral vessels. It gives control with ease of use, kink resistance, and distal flexibility in your daily practice.

Characteristics

Ease of Use

Coaxial system
Terumo's coaxial system allows fast and smooth procedures through wire integration and easy microcatheter preparationt

Kink Resistance

Tungsten spiral coil & three layer structure
The tugsten spiral coil in its three layer structure protects inner lumen integrity for smooth delivery of all types of embolic materials[2]

Distal Flexibility

M-Coat™ & varied coil pitch
The varied pitch of the tungsten coil with Terumo's hydrophilic coating provides flexibility thus notably increasing its distal selectivity in tortuous and narrow vessels[2].

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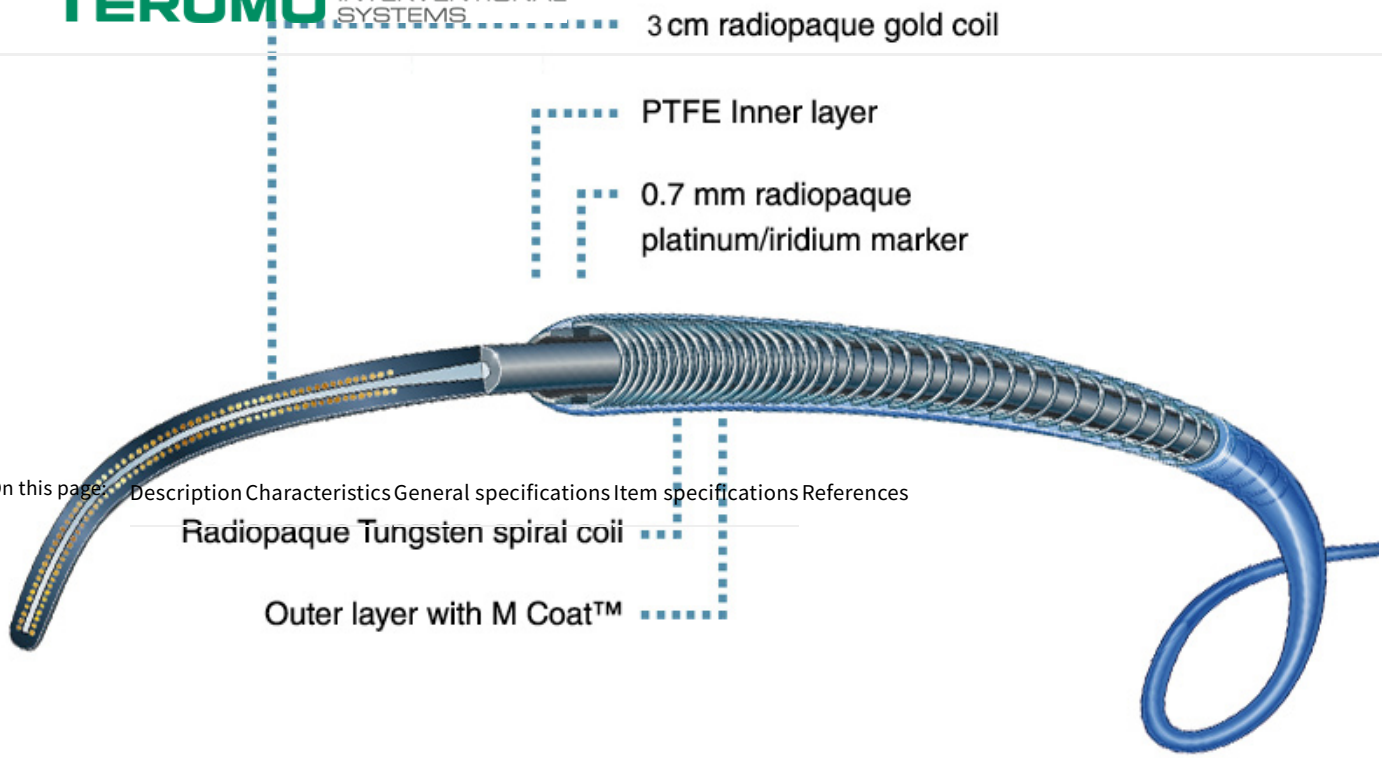

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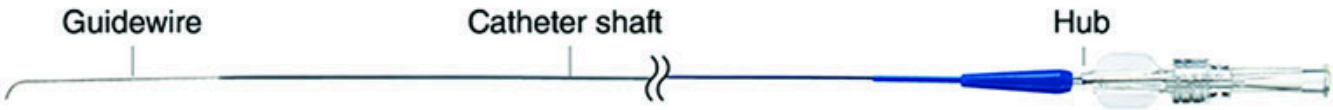
Progreat 2.0 Fr/2.4 Fr/2.8 Fr microcatheter (without guidewire)

Progreat 2.4 Fr/2.7 Fr/2.8 Fr microcatheter system
(coaxial type with catheter and guidewire)



General specifications

Catheter inner layer	PTFE
Catheter medium layer	Radiopaque tungsten coil
Catheter outer layer	Polyester elastomer and pigment
Hydrophilic coating	M Coat polymer

Distal radiopaque marker (for some items)	One or two radiopaque markers of 0.7mm each
Catheters outer diameters	2.0 Fr (0.67 mm) / 2.4 Fr (0.80 mm) / 2.7 Fr (0.90 mm) / 2.8 Fr (0.93 mm)
Catheters inner diameters	0.019'' (0.49 mm) / 0.022" (0.57 mm) / 0.025" (0.65 mm) / 0.027" (0.70 mm)
Catheters lengths	110 cm / 130 cm / 150 cm
Catheters maximum pressure	750 psi (5 171 kPa) / 900 psi (6 205 kPa)
Guidewire core material (for coaxial versions)	Nitinol
Guidewire outer layer material (for coaxial versions)	Polyurethane layer containing tungsten
Guidewire hydrophilic coating (for coaxial versions)	M Coat polymer
Guidewire distal marker (for coaxial versions)	2 or 3 cm gold coil
Guidewire diameters (for coaxial versions)	0.018" or 0.021" (available only for coaxial Progreat)
Guidewire lengths (for coaxial versions)	120 cm / 140 cm
Guidewire protruding length from catheter (for coaxial versions)	10 cm maximum
Catheter distal curve	Straight (shapeable) / 90° (90° for 2.4 Fr only)

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Item specifications

Item reference	Description	Outer diameter	Length	Inner diameter	Distal curve	Coaxial Guidewire GT	Guidewire compatibility	0.7 mm radiopaque platinum/ iridium marker	Maximum pressure	Dead volume (hub + catheter)	Guidewire Shape
MC-PC2011	Progreat 2.0 Fr	2.0 Fr / 0.67 mm	110 cm	0.019'' / 0.49 mm	Straight (shapeable)	N/A	0.016'' / 0.41 mm	1	750 psi / 5171 kPa	0.28 ml	N/A
MC-PC2013	Progreat 2.0 Fr	2.0 Fr / 0.67 mm	130 cm	0.019'' / 0.49 mm	Straight (shapeable)	N/A	0.016'' / 0.41 mm	1	750 psi / 5171 kPa	0.32 ml	N/A
MC-PC2013ZKA	Progreat 2.0 Fr	2.0 Fr / 0.67 mm	130 cm	0.019'' / 0.49 mm	Angled	N/A	0.016'' / 0.41 mm	1	750 psi / 5171 kPa	0.32 ml	N/A
MC-PC2013ZKC	Progreat 2.0 Fr	2.0 Fr / 0.67 mm	130 cm	0.019'' / 0.49 mm	J Curve	N/A	0.016'' / 0.41 mm	1	750 psi / 5171 kPa	0.32 ml	N/A
MC-PC2015	Progreat 2.0 Fr	2.0 Fr / 0.67 mm	150 cm	0.019'' / 0.49 mm	Straight (shapeable)	N/A	0.016'' / 0.41 mm	1	750 psi / 5171 kPa	0.38 ml	N/A
MC-PC2015ZKA	Progreat 2.0 Fr	2.0 Fr / 0.67 mm	150 cm	0.019'' / 0.49 mm	Angled	N/A	0.016'' / 0.41 mm	1	750 psi / 5171 kPa	0.38 ml	N/A
MC-PC2015ZKC	Progreat 2.0 Fr	2.0 Fr / 0.67 mm	150 cm	0.019'' / 0.49 mm	J Curve	N/A	0.016'' / 0.41 mm	1	750 psi / 5171 kPa	0.38 ml	N/A
MC-PP24111ZD	Progreat 2.4 Fr Coaxial	2.4 Fr / 0.80 mm	110cm	0.022'' / 0.57 mm	Straight	0.018"	0.018'' / 0.46 mm	1	750 psi / 5171 kPa	0.38 ml	Double angled
MC-PP24111ZB	Progreat 2.4 Fr Coaxial	2.4 Fr / 0.80 mm	110cm	0.022'' / 0.57 mm	Straight	0.018"	0.018'' / 0.46 mm	1	750 psi / 5171 kPa	0.38 ml	70 degree
MC-PC2411	Progreat 2.4 Fr	2.4 Fr / 0.80 mm	110 cm	0.022'' / 0.57 mm	Straight (shapeable	N/A	0.018'' / 0.46 mm	0	750 psi / 5171 kPa	0.38 ml	N/A
MC-PP24131ZD	Progreat 2.4 Fr Coaxial	2.4 Fr / 0.80 mm	130 cm	0.022'' / 0.57 mm	Straight	0.018"	0.018'' / 0.46 mm	1	750 psi / 5171 kPa	0.43 ml	Double angled

MC-PP24131ZB	Progreat 2.4 Fr Coaxial	2.4 Fr / 0.80 mm	130 cm	0.022'' / 0.57 mm	Straight	0.018"	0.018'' / 0.46 mm	1	750 psi / 5171 kPa	0.43 ml	70 degree
MC-PC2413	[illegible]	[illegible]	[illegible]	[illegible]	Straight (shapeable)	N/A	0.018'' / 0.46 mm	0	750 psi / 5171 kPa	0.43 ml	N/A
MC-PB2413	Progreat 2.4 Fr	2.4 Fr / 0.80 mm	130 cm	0.022'' / 0.57 mm	Straight (shapeable)	N/A	0.018'' / 0.46 mm	1	750 psi / 5171 kPa	0.43 ml	N/A
MC-PB2413ZKA	Progreat 2.4 Fr	2.4 Fr / 0.80 mm	130 cm	0.022'' / 0.57 mm	Angled	N/A	0.018'' / 0.46 mm	1	750 psi / 5171 kPa	0.43 ml	N/A
MC-PB2413ZKC	Progreat 2.4 Fr	2.4 Fr / 0.80 mm	130 cm	0.022'' / 0.57 mm	J Curve	N/A	0.018'' / 0.46 mm	1	750 psi / 5171 kPa	0.43 ml	N/A
MC-PX2413	Progreat 2.4 Fr	2.4 Fr / 0.80 mm	130 cm	0.022"/ 0.57 mm	90° Angle	N/A	0.018'' / 0.46 mm	0	750 psi / 5171 kPa	0.43 ml	N/A
MC-PP24151ZV	Progreat 2.4 Fr Coaxial	2.4 Fr / 0.80 mm	150 cm	0.022"/ 0.57 mm	Straight	0.018"	0.018'' / 0.46 mm	2	750 psi / 5171 kPa	0.47 ml	70 degree
MC-PP24151ZW	Progreat 2.4 Fr Coaxial	2.4 Fr / 0.80 mm	150 cm	0.022"/ 0.57 mm	Straight	0.018"	0.018'' / 0.46 mm	2	750 psi / 5171 kPa	0.47 ml	Double angled
MC-PC2415	Progreat 2.4 Fr	2.4 Fr / 0.80 mm	150cm	0.022"/ 0.57 mm	Straight (shapeable)	N/A	0.018'' / 0.46 mm	0	750 psi / 5171 kPa	0.47 ml	N/A
MC-PV2415Y	Progreat 2.4 Fr	2.4 Fr / 0.80 mm	150 cm	0.022'' / 0.57 mm	Straight (shapeable)	N/A	0.018'' / 0.46 mm	2 (3 cm proximal to distal)	750 psi / 5171 kPa	0.47 ml	N/A
MC-PV2415ZKA	Progreat 2.4 Fr	2.4 Fr / 0.80 mm	150 cm	0.022'' / 0.57 mm	Angled	N/A	0.018'' / 0.46 mm	2	750 psi / 5171 kPa	0.47 ml	N/A
MC-PV2415ZKC	Progreat 2.4 Fr	2.4 Fr / 0.80 mm	150 cm	0.022'' / 0.57 mm	J Curve	N/A	0.018'' / 0.46 mm	2	750 psi / 5171 kPa	0.47 ml	N/A
MC-PP27111	Progreat 2.7 Fr Coaxial	2.7 Fr / 0.90 mm	110 cm	0.025'' / 0.65 mm	Straight (shapeable)	0.021"	0.021'' / 0.53 mm	0	750 psi / 5171 kPa	0.46 ml	70 degree
MC-PE27115	Progreat 2.7 Fr Coaxial	2.7 Fr / 0.90 mm	110 cm	0.025'' / 0.65 mm	Straight (shapeable)	0.021"	0.021'' / 0.53 mm	0	750 psi / 5171 kPa	0.46 ml	70 degree
MC-PE27111	Progreat 2.7 Fr Coaxial	2.7 Fr / 0.90 mm	110 cm	0.025'' / 0.65 mm	Straight (shapeable)	0.021"	0.021'' / 0.53 mm	0	750 psi / 5171 kPa	0.46 ml	70 degree
MC-PP27131	Progreat 2.7 Fr Coaxial	2.7 Fr / 0.90 mm	130 cm	0.025'' / 0.65 mm	Straight (shapeable)	0.021"	0.021'' / 0.53 mm	0	750 psi / 5171 kPa	0.53 ml	70 degree
MC- PE27131	Progreat 2.7 Fr Coaxial	2.7 Fr / 0.90 mm	130 cm	0.025'' / 0.65 mm	Straight (shapeable)	0.021"	0.021'' / 0.53 mm	0	750 psi / 5171 kPa	0.53 ml	70 degree
MC-PC2715	Progreat 2.7 Fr	2.7 Fr / 0.90 mm	150 cm	0.025'' / 0.65 mm	Straight (shapeable)	N/A	0.021'' / 0.53 mm	0	750 psi / 5171 kPa	0.59 ml	N/A
MC- PP27151	Progreat 2.7 Fr Coaxial	2.7 Fr / 0.90 mm	150 cm	0.025'' / 0.65 mm	Straight (shapeable)	0.021"	0.021'' / 0.53 mm	0	750 psi / 5171 kPa	0.59 ml	70 degree
MC-PC2813	Progreat 2.8 Fr	2.8 Fr / 0.93 mm	130 cm	0.027'' / 0.70 mm	Straight (shapeable)	N/A	0.021'' / 0.53 mm	0	900 psi / 6205 kPa	0.59 ml	N/A
MC- PE28131	Progreat 2.8 Fr Coaxial	2.8 Fr / 0.93 mm	130 cm	0.027'' / 0.70 mm	Straight (shapeable)	N/A	0.021'' / 0.53 mm	0	900 psi / 6205 kPa	0.59 ml	N/A
MC- PP28131	Progreat 2.8 Fr Coaxial	2.8 Fr / 0.93 mm	130 cm	0.027'' / 0.70 mm	Straight (shapeable)	N/A	0.021'' / 0.53 mm	0	900 psi / 6205 kPa	0.59 ml	N/A
MC-PE28131ZB	Progreat 2.8 Fr Coaxial	2.8 Fr / 0.93 mm	130 cm	0.027'' / 0.70 mm	Straight (shapeable)	0.021"	0.021'' / 0.53 mm	1	900 psi / 6205 kPa	0.59 ml	70 degree
MC-PV2815Y	Progreat 2.8 Fr	2.8 Fr / 0.93 mm	150 cm	0.027'' / 0.70 mm	Straight (shapeable)	N/A	0.021'' / 0.53 mm	2 (3 cm proximal to distal)	900 psi / 6205 kPa	0.66 ml	N/A
MC-PE28151ZV	Progreat 2.8 Fr Coaxial	2.8 Fr / 0.93 mm	150 cm	0.027'' / 0.70 mm	Straight (shapeable)	0.021"	0.021'' / 0.53 mm	2 (3 cm proximal to distal)	900 psi / 6205 kPa	0.66 ml	N/A

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Please quote above item reference codes when placing an order.

Please contact your Terumo local sales representative for more information.

References

[1] Progreat is considered as being reliable due to the kink resistance results obtained during bench testing[2] and Prgreat is on the market for more than 15 years

[2] Bench testing done by Terumo Corporation. Data on file (TC-Pro107). Bench test data may not necessarily be indicative of clinical performance.

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