

Progreat®

Micro Catheter System



Progreat® microcatheter system is designed for therapeutic embolization and angiography in peripheral vessels. It gives control with ease of use, kink resistance and distal flexibility.

Product Characteristics

- Coaxial Wire Protruding Length 10cm
- Radiopaque gold coil Guidewire
- PTFE inner layer
- 0.7mm radiopaque platinum/iridium marker
- Outer layer with M-Coat
- Radiopaque tungsten spiral coil
- Coaxial System allows fast and smooth procedures through wire integration and easy microcatheter preparation
- Tungsten spiral coil and three layer structure protect inner lumen integrity for smooth delivery of all types of embolic material ¹
- Varied pitch of tungsten spiral coil with Terumo's hydrophilic coating provides flexibility thus notably increasing its distal selectivity in tortuous and narrow vessels ¹

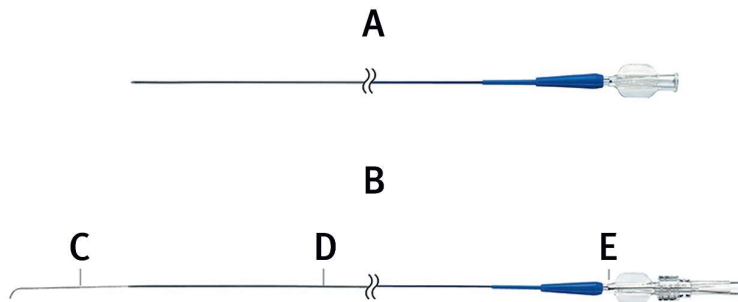
Compatible agents:

- Pushable coils to 0.018
- NBCA glue
- Ethanol
- Lipiodol ²
- Chemoembolization agents (Epirubicin, Cisplatin, Mitomycin, Doxorubicin, Zinostatin)
- Maximum beads size is different for each catheter size
- DMSO ³
- Any kind of usual contrast media

1 Bench testing done by Terumo Corporation. Data on file (TC-Pro107). Bench test data are not necessarily indicative of clinical performance.

2 Lipiodol is a brand name of Guerbet.

3 Performance testing done by Terumo Corporation. Data on file (TC-Pro108). Physical performance testing on Progreat microcatheter exposed to DMSO under controlled conditions.



A Progreat 2.0 Fr / 2.4 Fr / 2.7 Fr / 2.8 Fr microcatheter (without guidewire)

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

C Guidewire

D Catheter shaft

E Hub

General specifications

Catheter Inner Layer	PTFE
Catheter Medium Layer	Radiopaque Tungsten Coil
Catheter Outer Layer	Polyester Elastomer, Polyurethane Elastomer and Pigment
Guidewire core material (for coaxial versions)	Nitinol
Guidewire Core Material (for Coaxial Versions)AC	Nitinol
Guidewire distal marker (for coaxial versions)	2 or 3 cm Gold Coil
Guidewire outer layer material (for coaxial versions)	Polyurethane Layer Containing Tungsten
Guidewire Protruding Length (for Coaxial Versions)	10 cm Maximum
Hydrophilic Coating	M Coat™ Polymer

Item specifications

Outer Diameter	Length	Inner Diameter	Distal Curve	Guidewire Compatibility	Marker	Maximum pressure	Dead Volume (Hub + Catheter)	Description	Code
2.0 Fr 0.67 mm	110 cm	0.019 in 0.49 mm	Straight (shapeable)	0.016 in 0.41 mm	1	750 psi 5171 kPa	0.28 ml	Progreat 2.0 Fr	MC-PC2011
2.0 Fr 0.67 mm	130 cm	0.019 in 0.49 mm	Straight (shapeable)	0.016 in 0.41 mm	1	750 psi 5171 kPa	0.32 ml	Progreat 2.0 Fr	MC-PC2013
2.0 Fr 0.67 mm	150 cm	0.019 in 0.49 mm	Straight (shapeable)	0.016 in 0.41 mm	1	750 psi 5171 kPa	0.38 ml	Progreat 2.0 Fr	MC-PC2015
2.4 Fr 0.80 mm	110 cm	0.022 in 0.57 mm	Straight	0.018 in 0.46 mm	1	750 psi 5171 kPa	0.38 ml	Progreat 2.4 Fr Coaxial	MC-PP24111ZD
2.4 Fr 0.80 mm	110 cm	0.022 in 0.57 mm	Straight	0.018 in 0.46 mm	1	750 psi 5171 kPa	0.38 ml	Progreat 2.4 Fr Coaxial	MC-PP24111ZB
2.4 Fr 0.80 mm	110 cm	0.022 in 0.57 mm	Straight (shapeable)	0.018 in 0.46 mm	0	750 psi 5171 kPa	0.38 ml	Progreat 2.4 Fr	MC-PC2411
2.4 Fr 0.80 mm	130 cm	0.022 in 0.57 mm	Straight	0.018 in 0.46 mm	1	750 psi 5171 kPa	0.43 ml	Progreat 2.4 Fr Coaxial	MC-PP24131ZB
2.4 Fr 0.80 mm	130 cm	0.022 in 0.57 mm	Straight	0.018 in 0.46 mm	1	750 psi 5171 kPa	0.43 ml	Progreat 2.4 Fr Coaxial	MC-PP24131ZD
2.4 Fr 0.80 mm	130 cm	0.022 in 0.57 mm	Straight (shapeable)	0.018 in 0.46 mm	0	750 psi 5171 kPa	0.43 ml	Progreat 2.4 Fr	MC-PC2413
2.4 Fr 0.80 mm	130 cm	0.022 in 0.57 mm	Straight (shapeable)	0.018 in 0.46 mm	1	750 psi 5171 kPa	0.43 ml	Progreat 2.4 Fr	MC-PB2413
2.4 Fr 0.80 mm	130 cm	0.022 in 0.57 mm	90° Angle	0.018 in 0.46 mm	0	750 psi 5171 kPa	0.43 ml	Progreat 2.4 Fr	MC-PX2413
2.4 Fr 0.80 mm	150 cm	0.022 in 0.57 mm	Straight	0.018 in 0.46 mm	2	750 psi 5171 kPa	0.47 ml	Progreat 2.4 Fr Coaxial	MC-PP24151ZV
2.4 Fr 0.80 mm	150 cm	0.022 in 0.57 mm	Straight	0.018 in 0.46 mm	2	750 psi 5171 kPa	0.47 ml	Progreat 2.4 Fr Coaxial	MC-PP24151ZV
2.4 Fr 0.80 mm	150 cm	0.022 in 0.57 mm	Straight (shapeable)	0.018 in 0.46 mm	0	750 psi 5171 kPa	0.47 ml	Progreat 2.4 Fr	MC-PC2415
2.4 Fr 0.80 mm	150 cm	0.022 in 0.57 mm	Straight (shapeable)	0.018 in 0.46 mm	2 (3 cm proximal to distal)	750 psi 5171 kPa	0.47 ml	Progreat 2.4 Fr	MC-PV2415Y
2.7 Fr 0.90 mm	110 cm	0.025 in 0.65 mm	Straight (shapeable)	0.021 in 0.53 mm	0	750 psi 5171 kPa	0.46 ml	Progreat 2.7 Fr Coaxial	MC-PE27111
2.7 Fr 0.90 mm	110 cm	0.025 in 0.65 mm	Straight (shapeable)	0.021 in 0.53 mm	0	750 psi 5171 kPa	0.46 ml	Progreat 2.7 Fr Coaxial	MC-PE27115
2.7 Fr 0.90 mm	110 cm	0.025 in 0.65 mm	Straight (shapeable)	0.021 in 0.53 mm	0	750 psi 5171 kPa	0.46 ml	Progreat 2.7 Fr Coaxial	MC-PP27111
2.7 Fr 0.90 mm	130 cm	0.025 in 0.65 mm	Straight (shapeable)	0.021 in 0.53 mm	0	750 psi 5171 kPa	0.53 ml	Progreat 2.7 Fr Coaxial	MC-PE27131
2.7 Fr 0.90 mm	130 cm	0.025 in 0.65 mm	Straight (shapeable)	0.021 in 0.53 mm	0	750 psi 5171 kPa	0.53 ml	Progreat 2.7 Fr Coaxial	MC-PP27131
2.7 Fr 0.90 mm	150 cm	0.025 in 0.65 mm	Straight (shapeable)	0.021 in 0.53 mm	0	750 psi 5171 kPa	0.59 ml	Progreat 2.7 Fr	MC-PC2715
2.7 Fr 0.90 mm	150 cm	0.025 in 0.65 mm	Straight (shapeable)	0.021 in 0.53 mm	0	750 psi 5171 kPa	0.59 ml	Progreat 2.7 Fr Coaxial	MC-PP27151
2.8 Fr 0.93 mm	130 cm	0.027 in 0.70 mm	Straight (shapeable)	0.021 in 0.53 mm	0	900 psi 6205 kPa	0.59 ml	Progreat 2.8 Fr	MC-PC2813
2.8 Fr 0.93 mm	130 cm	0.027 in 0.70 mm	Straight (shapeable)	0.021 in 0.53 mm	0	900 psi 6205 kPa	0.59 ml	Progreat 2.8 Fr	MC-PP28131
2.8 Fr 0.93 mm	130 cm	0.027 in 0.70 mm	Straight (shapeable)	0.021 in 0.53 mm	0	900 psi 6205 kPa	0.59 ml	Progreat 2.8 Fr	MC-PE28131
2.8 Fr 0.93 mm	130 cm	0.027 in 0.70 mm	Straight (shapeable)	0.021 in 0.53 mm	1	900 psi 6205 kPa	0.59 ml	Progreat 2.8 Fr	MC-PE28131ZB
2.8 Fr 0.93 mm	150 cm	0.027 in 0.70 mm	Straight (shapeable)	0.021 in 0.53 mm	2 (3 cm proximal to distal)	900 psi 6205 kPa	0.66 ml	Progreat 2.8 Fr	MC-PV2815Y
2.8 Fr 0.93 mm	150 cm	0.027 in 0.70 mm	Straight (shapeable)	0.021 in 0.53 mm	2 (3 cm proximal to distal)	900 psi 6205 kPa	0.66 ml	Progreat 2.8 Fr Coaxial	MC-PE28151ZV