

Progreat[®]

Microcatheters



Hyperselective hydrophilic braided radiopaque microcatheters for peripheral and extracranial procedure with excellent torque control, highly stable and for exceptional selectivity in embolization procedures.

- Exceptional resistance to kinking, stability, distal flexibility and optimal pushability due to its braided structure (tungsten coil with variable pitch)
- Low friction, non traumatic, highly selective and superior navigability due to its hydrophilic coating
- 3-layer shaft structure: inner layer in PTFE, medium layer: radiopaque tungsten reinforcing coil and outer layer: Polyester Elastomer and pigment with hydrophilic polymer coating
- Shapeable distal tip
- Available with distal RO marker
- Large compatibility with many embolic agents: coils, glue, microspheres, particles, liquid embolic agents and DMSO as well as contrast medium and chemo-embolization drugs

Progreat[®] 2.4 Fr / 2.8 Fr microcatheter (without guide wire)



Progreat[®] 2.7 Fr / 2.8 Fr microcatheter system (coaxial type with catheter and guide wire)



Specifications

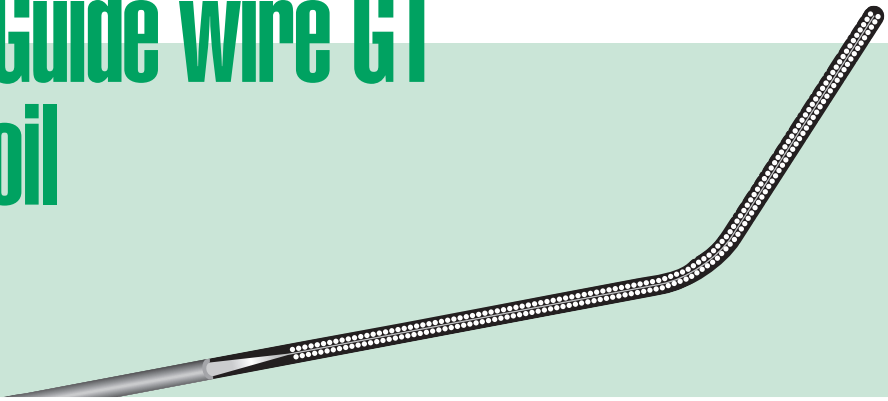
Code number	Description	Outer diameter	Length	Inner diameter	Distal curve	Compatible Guide wire	Distal marker	Maximum pressure
MC-PC2413	PROGREAT 2.4 Fr braided radiopaque hydrophilic microcatheter	2.4 Fr / 0.80 mm	130 cm	0.022" / 0.57 mm	Straight (shapeable)	0.018" / 0.46 mm (0.016" / 0.41 mm recommended)	No	750 psi / 5.171 kPa
MC-PC2415			150 cm					
MC-PB2413	PROGREAT 2.4 Fr braided radiopaque hydrophilic microcatheter with distal radiopaque marker		130 cm				0.7 mm length / 0.7 mm from distal end	
MC-PP27111	PROGREAT 2.7 Fr Coaxial KIT braided radiopaque hydrophilic microcatheter, including 0.021" (0.53 mm) plastic GW with variable protruding length (max. 10 cm)	2.7 Fr / 0.90 mm	110 cm	0.025" / 0.65 mm	Straight (shapeable)	0.021" / 0.53 mm	Guide wire with 3 cm gold coil	750 psi / 5.171 kPa
MC-PP27131			130 cm					
MC-PC2813	HighFlow PROGREAT Ω 2.8 Fr braided radiopaque hydrophilic microcatheter	2.8 Fr / 0.93 mm	130 cm	0.027" / 0.70 mm	Straight (shapeable)	0.021" / 0.53 mm and less	No	900 psi / 6.205 kPa
MC-PE28131ZB	High-Flow PROGREAT Ω 2.8Fr coaxial KIT braided radiopaque hydrophilic microcatheter, including 0.021" (0.53 mm) plastic GW with distal RO marker							

Other code numbers are available on special demand. For any further information, please contact your Terumo local representative

Unit per box: 1

Radifocus® Guide wire GT with gold coil

Micro guide wires



Superselective hydrophilic Nitinol micro guide wires for peripheral and cerebral procedures with excellent navigability in distal and tortuous vessels.

- Non deformable and one-piece structure for an excellent pushability and torque control
- Non traumatic for vessel walls due to its polyurethane smooth surface and its hydrophilic coating
- Diameters of 0.012" / 0.31 mm or 0.016" / 0.41 mm with distal pre-shaped curves for superselective access in distal and tortuous vessels
- Distal marker made of a gold coil for a high visibility under fluoroscopy

Specifications

Code number	Outer diameter	Length	Flexible length	Distal curve	Distal marker
RG*GE1218SM	0.012" / 0.31 mm	180 cm	25 cm	Angled 90° x 4 mm	2 cm Gold coil
RG*GJ1218SM	0.012" / 0.31 mm	180 cm	25 cm	Angled 1.5 mm J curve	2 cm Gold coil
RG*GW1218SM	0.012" / 0.31 mm	180 cm	25 cm	Double Angled 90°+150°	2 cm Gold coil
RG*GA1618SM	0.016" / 0.41 mm	180 cm	25 cm	Angled 45°	2 cm Gold coil
RG*GA1618FM	0.016" / 0.41 mm	180 cm	35 cm	Angled 45°	2 cm Gold coil
RG*GE1618FM	0.016" / 0.41 mm	180 cm	35 cm	Angled 90° x 4 mm	2 cm Gold coil
RG*GW1618FM	0.016" / 0.41 mm	180 cm	35 cm	Double Angled 90°+150°	2 cm Gold coil
RG*GA1220SM	0.012" / 0.31 mm	200 cm	25 cm	Angled 45°	2 cm Gold coil
RG*GE1220SM	0.012" / 0.31 mm	200 cm	25 cm	Angled 90° x 4 mm	2 cm Gold coil
RG*GJ1220SM	0.012" / 0.31 mm	200 cm	25 cm	Angled 1.5 mm J curve	2 cm Gold coil
RG*GW1220SM	0.012" / 0.31 mm	200 cm	25 cm	Double Angled 90°+150°	2 cm Gold coil
RG*GA1620FM	0.016" / 0.41 mm	200 cm	35 cm	Angled 45°	2 cm Gold coil
RG*GE1620FM	0.016" / 0.41 mm	200 cm	35 cm	Angled 90° x 4 mm	2 cm Gold coil
RG*GW1620FM	0.016" / 0.41 mm	200 cm	35 cm	Double Angled 90°+150°	2 cm Gold coil

Unit per box: 1



Embolization microspheres

Compressible tinted microspheres for peripheral and cerebral embolization of hypervascularized tumors and AVM's, presented in a pre-filled color coded syringe.

- **Proven material: hydrosphere based on a PVA* macromere**
- **Preferred design: perfectly calibrated microspheres for a more targeted embolization and effective distal occlusion**
- **Non-animal derived and fully synthetic beads**
- **Compressible for easy delivery**
- **Spheres tinted in blue for a perfect visualization during preparation and injection**
- **Pre-filled color coded syringe for a direct selection of the right size**

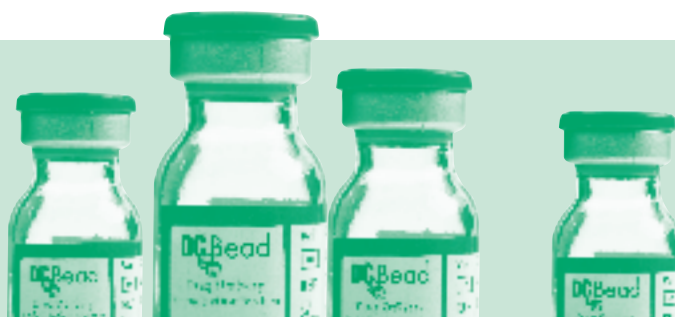
* Polyvinyl Alcohol

Specifications

Code number	Description	Volume	Diameter	Color code	Catheter inner diameter compatibility
EB1S103	100-300µm BEAD BLOCK™ PVA Microsphere	1 ml	100 - 300 µm	Yellow	0.010" / 0.25 mm
EB1S305	300-500µm BEAD BLOCK™ PVA Microsphere	1 ml	300 - 500 µm	Blue	0.014" / 0.36 mm
EB1S507	500-700µm BEAD BLOCK™ PVA Microsphere	1 ml	500 - 700 µm	Red	0.021" / 0.53 mm
EB1S709	700-900µm BEAD BLOCK™ PVA Microsphere	1 ml	700 - 900 µm	Green	0.023" / 0.57 mm
EB1S912	900-1200µm BEAD BLOCK™ PVA Microsphere	1 ml	900 - 1200 µm	Purple	0.035" / 0.89 mm
EB2S103	100-300µm BEAD BLOCK™ PVA Microsphere	2 ml	100 - 300 µm	Yellow	0.010" / 0.25 mm
EB2S305	300-500µm BEAD BLOCK™ PVA Microsphere	2 ml	300 - 500 µm	Blue	0.014" / 0.36 mm
EB2S507	500-700µm BEAD BLOCK™ PVA Microsphere	2 ml	500 - 700 µm	Red	0.021" / 0.53 mm
EB2S709	700-900µm BEAD BLOCK™ PVA Microsphere	2 ml	700 - 900 µm	Green	0.023" / 0.57 mm
EB2S912	900-1200µm BEAD BLOCK™ PVA Microsphere	2 ml	900 - 1200 µm	Purple	0.035" / 0.89 mm

1 ml Bead Block™ is suspended in 4ml physiological buffered saline in a 20 ml syringe and is packed singly
 2 ml Bead Block™ is suspended in 3ml physiological buffered saline in a 20 ml syringe and is packed singly

Unit per box: 1



Chargeable microspheres for embolization

Compressible tinted microspheres for embolization of hypervascularized tumors, intended to be loaded with Doxorubicin in order to deliver a local, controlled, sustained dose of drug to the tumors.

- Hydrogel microsphere made of PVA macromere
- Preferred design: perfectly calibrated microspheres for a more targeted embolization and effective distal occlusion
- Non-animal derived and fully synthetic beads
- Compressible for easy delivery
- 10ml glass vial (containing 2ml DC Bead + 8ml sterile physiological buffered saline), with color coded cap for a direct selection of the right size
- Able to load Doxorubicin (max. 37,5 mg / ml)

Specifications

Code number	Description	Volume	Diameter	Color code	Recommended catheter ID
DC2V103	100-300µm DC Bead® chargeable Microsphere	2 ml	100 - 300 µm	Yellow	0.010" / 0.25 mm
DC2V305	300-500µm DC Bead® chargeable Microsphere	2 ml	300 - 500 µm	Blue	0.014" / 0.36 mm
DC2V507	500-700µm DC Bead® chargeable Microsphere	2 ml	500 - 700 µm	Red	0.021" / 0.53 mm

2 ml DC Bead® is suspended in 8ml physiological buffered saline in a 10 ml vial and is packed singly

Unit per box: 1

Pushable peripheral hydrocoil



Peripheral coil that can expand and fill up to 5.8 times more volume than conventional coils.

- Platinum coil with expandable hydrogel polymer
- Provides a mechanical occlusion
- Designed to be pushed with a Terumo guide wire

Specifications

Code number	Loop Diameter	Length*
Pushable 18 System/Pack of 3 coils		
45280202	2 mm	2 cm
45280302	3 mm	2 cm
45280304	3 mm	4 cm
45280402	4 mm	2 cm
45280404	4 mm	4 cm
45280406	4 mm	6 cm
45280504	5 mm	4 cm
45280506	5 mm	6 cm
45280510	5 mm	10 cm
45280606	6 mm	6 cm
45280610	6 mm	10 cm
45280614	6 mm	14 cm
45280810	8 mm	10 cm
45280814	8 mm	14 cm
45281014	10 mm	14 cm
Pushable 35 System/Pack of 3 coils		
45250404	4 mm	4 cm
45250406	4 mm	6 cm
45250506	5 mm	6 cm
45250510	5 mm	10 cm
45250610	6 mm	10 cm
45250810	8 mm	10 cm
45250814	8 mm	14 cm
45251014	10 mm	14 cm
45251514	15 mm	14 cm

* Length is calculated from the tip of the coil to the point of connexion with the pusher wire when the coil is straight

Product Code Nomenclature	X	Y	AA	BB
45XYAABB	2 for Pushable : 4 for Detachable	8 for 0.018" and 5 for 0.035	Loop diameter in mm	coil length in cm

Detachable peripheral hydrocoil



Peripheral coil that can expand and fill up to 5.8 times more volume than conventional coils.

- Platinum coil with expandable hydrogel polymer
- Provides a mechanical occlusion
- Detachment by hand held system
- Can be retracted & repositioned easily thanks to its over coil.



Specifications

Code number	Loop Diameter	Length*
Detachable 18 System/Pack of 1 coil		
45480305	3 mm	5 cm
45480310	3 mm	5 cm
45480405	4 mm	5 cm
45480410	4 mm	10 cm
45480415	4 mm	15 cm
45480420	4 mm	20 cm
45480610	6 mm	10 cm
45480615	6 mm	15 cm
45480620	6 mm	20 cm
45480810	8 mm	10 cm
45480815	8 mm	15 cm
45480820	8 mm	20 cm
45481010	10 mm	10 cm
45481015	10 mm	15 cm
45481020	10 mm	20 cm
45481215	12 mm	15 cm
45481220	12 mm	20 cm
45481515	15 mm	15 cm
45481520	15 mm	20 cm
45481530	15 mm	30 cm
45482020	20 mm	20 cm
45482030	20 mm	30 cm

Detachment Controller For Use With Detachable System/Pack of 5 units

Code number	Product Description
454001	AZUR [®] Detachment Controller

Product Code Nomenclature	X	Y	AA	BB
45XYAABB	2 for Pushable : 4 for Detachable	8 for 0.018" and 5 for 0.035	Loop diameter in mm	coil length in cm

* Length is calculated from the tip of the coil to the point of connexion with the pusher wire when the coil is straight