

# Progreat $\lambda$ <sup>TM</sup>

Lambda

Microcatheter for intravascular treatment



## MASTER ULTRA BRANCH SELECTIVITY

from ACCESS  
to CLOSURE

INTERVENTIONAL  
ONCOLOGY



**TERUMO**  
INTERVENTIONAL  
SYSTEMS

*Progreat  $\lambda$*  is intended for therapeutic embolization and angiography in peripheral vessels.  
*Progreat  $\lambda$*  is not available for sale in all countries. Please contact your Terumo local sales representative for more information.

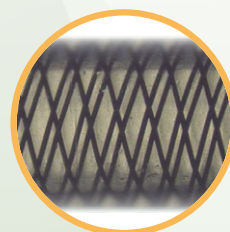
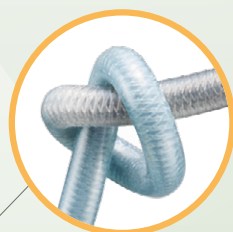
## TREAT CHALLENGING ANATOMIES

### KEY BENEFITS

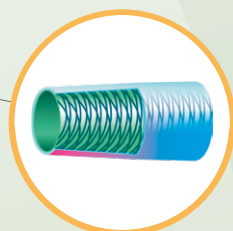
- Ultra branch selectivity<sup>1</sup>
- Anti kick-back<sup>1</sup>
- Anti-kinking and high flow<sup>1</sup>

### SHAFT

- Densely-pitched asymmetric braids maintain the inner lumen for consistent embolization



- Tapered inner lumen



### DISTAL

- Tip design to enhance flexibility



### COMPATIBLE AGENTS<sup>1</sup>

- Embolic coils to 0.018" (1.9Fr. only)
- Ethanol
- Lipiodol<sup>2</sup>
- Chemoembolization agents (Epirubicin, Cisplatin, Miriplatin, Doxorubicin)
- Microspheres to 500 $\mu$ m
- PVA particles to 500 $\mu$ m
- DMSO
- Any kind of usual contrast media

1. Bench testing performed by TERUMO CLINICAL SUPPLY CO., LTD.. Data on file (2020-NMC-020, 2020-NMC-021, 2020-NMC-022, 2020-NMC-027, 2020-NMC-030). Bench test result may not necessarily be indicative of clinical performance. Read and follow the manufacturer's IFU to be used with this product.

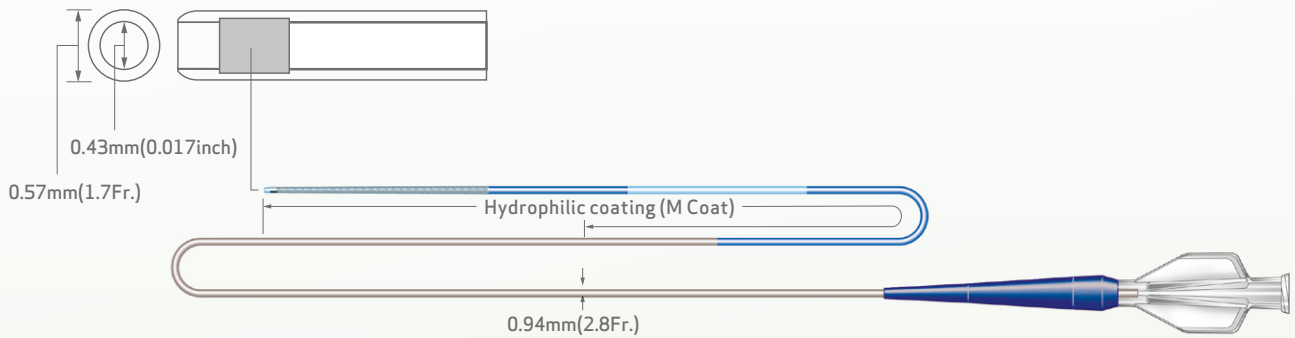
2. Lipiodol is a brand name of Guerbet.

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# Progreat $\lambda$ ™<sup>17</sup> Lambda

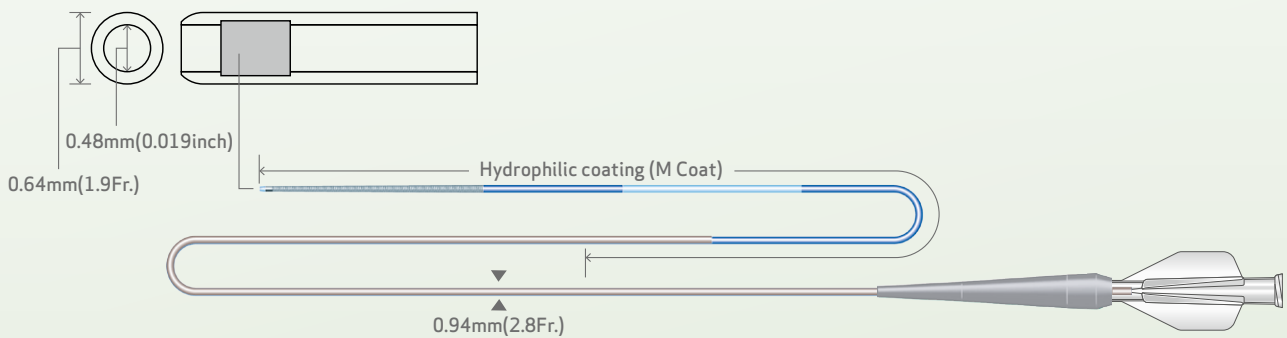
## STRUCTURE



\*Hydrophilic coating (M coat) is not applied to the proximal portion of 60 cm.

# Progreat $\lambda$ ™<sup>19</sup> Lambda

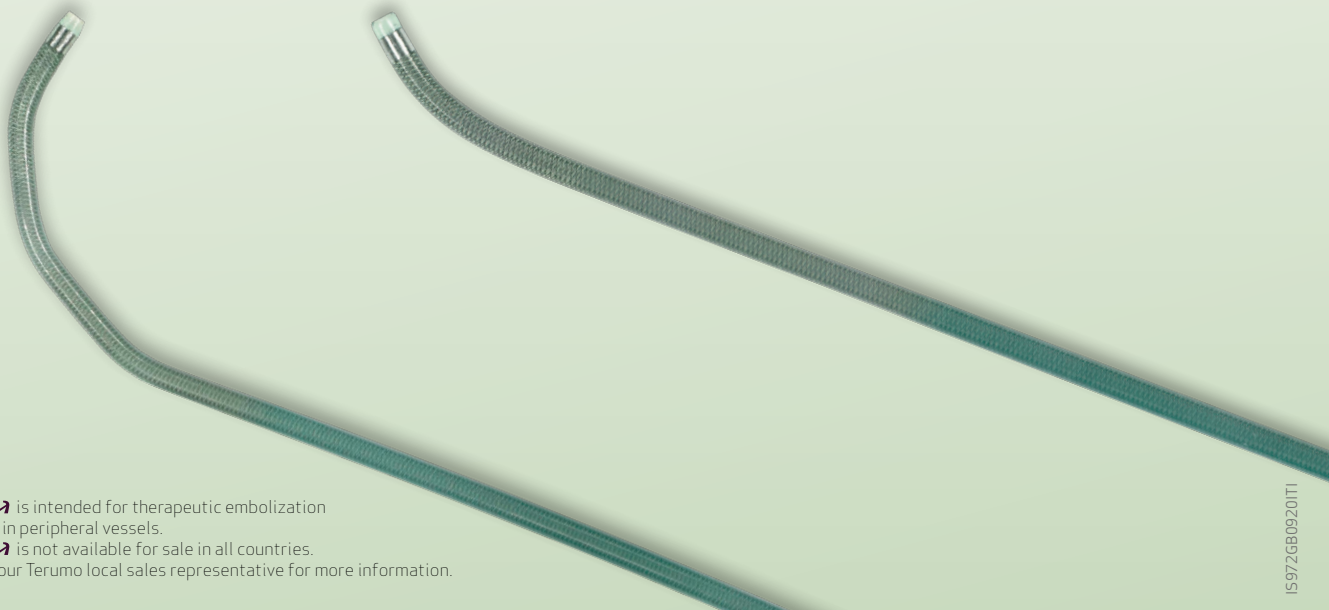
## STRUCTURE



\*Hydrophilic coating (M Coat) is not applied to the proximal portion of 60 cm.

## NEW SHAPES

- Triple Angle
- Angle



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# Progreat $\lambda$ SPECIFICATION

Product Code	Usable Length	Outer Diameter		Inner Diameter		Max. Guidewire Diameter	Tip Shape	Max. Pressure
		Distal	Proximal	Distal	Proximal			
<b>1.7Fr</b>								
CC-M1713SN	130cm	0.57mm (1.7Fr.)	0.94mm (2.8Fr.)	0.43mm (0.017inch)	0.58mm (0.023inch)	0.41mm (0.016inch)	Straight	6205kPa (900psi)
CC-M1713AN							Angle	
CC-M1713DN							Triple Angle	
CC-M1715SN	150cm						Straight	
CC-M1715AN							Angle	
CC-M1715DN							Triple Angle	
CC-M1717SN	175cm						Straight	
CC-M1717AN							Angle	
CC-M1717DN							Triple Angle	
<b>1.9Fr</b>								
CC-M1913SN	130cm	0.64mm (1.9Fr.)	0.94mm (2.8Fr.)	0.48mm (0.019inch)	0.60mm (0.024inch)	0.41mm (0.016inch)	Straight	6205kPa (900psi)
CC-M1913AN							Angle	
CC-M1913DN							Triple Angle	
CC-M1915SN	150cm						Straight	
CC-M1915AN							Angle	
CC-M1915DN							Triple Angle	
CC-M1917SN	175cm						Straight	
CC-M1917AN							Angle	
CC-M1917DN							Triple Angle	

Product	Usable Length (cm)	Contrast Media	Iodine Content (mg/mL)	Viscosity (cP)	Set Condition		Actual Flow Rate (mL/sec)			Dead Space Volume (mL)	
					Flow Rate (mL/sec)	Volume (mL)	4137kPa (600psi)	5171kPa (750psi)	6205kPa (900psi)		
<b>1.7Fr</b> (0.57/0.94mm)	130	lopamidol	300	4.4	5.0	15	1.6	2.0	2.4	0.55	
			370	9.1			0.9	1.1	1.4		
	150		300	4.4			1.6	1.9	2.2		0.60
			370	9.1			0.8	1.0	1.2		
	175		300	4.4			1.2	1.4	1.7		0.67
			370	9.1			0.6	0.7	0.9		
<b>1.9Fr</b> (0.64/0.94mm)	130		300	4.4			2.0	2.5	2.9	0.58	
			370	9.1			1.1	1.4	1.8		
	150		300	4.4			1.8	2.2	2.6	0.63	
			370	9.1			0.9	1.2	1.5		
	175		300	4.4			1.4	1.7	2.1	0.70	
			370	9.1			0.6	0.8	0.9		

The actual flow rate may differ from the measured value due to the viscosity of the contrast media varies with the type and temperature and changes in other conditions.

## NEW GUIDEWIRE GT SPECIFICATION

Product code	Outer Diameter	Length	Flexible Length	Tip Shape
RG*GA1618SM	0.41mm (0.016inch)	180cm	25cm	Angled 45°
RG*GE1618SM				Angled 90°
RG*GW1618SM				Double angled 90° + 150°
RG*GA1620SM		200cm		Angled 45°
RG*GE1620SM				Angled 90°
RG*GW1620SM				Double angled 90° + 150°



At Terumo Interventional Systems, we constantly work to refine and perfect our products so that interventionalists can do more. That is why we support great thinking that pushes back the boundaries of our field.

# PUSHING BOUNDARIES

We are committed to innovation that embraces intricacies and complexities. Our exceptional tools and education programs empower physicians with the confidence they need to perform evermore challenging procedures and spark progress.



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