AZUR Peripheral Embolization System | Progreat Microcatheters | Glidecath Hydrophilic Coated Catheter | HydroPearl Microspheres

EMBOLIZATION POCKET GUIDE

TERUMO INTERVENTIONAL SYSTEMS

AZUR™ EMBOLIZATION SYSTEM SPECIFICATION INFORMATION

AZUR Framing Coil .018": AZUR Framing Coil .035":	Diameters: 8 mm – 20 mm Diameters: 8 mm – 20 mm	Lengths: 20 cm – 50 cm Lengths: 20 cm – 50 cm
HydroCoil .018": HydroCoil .035":	Diameters: 2 mm – 20 mm Diameters: 4 mm – 20 mm	Lengths: 2 cm – 30 cm Lengths: 5 cm – 30 cm
CX .018": CX .035":	Diameters: 2 mm – 20 mm Diameters: 4 mm – 20 mm	Lengths: 2 cm – 40 cm Lengths: 7 cm – 39 cm
HydroPack .018":	Diameter: N/A	Lengths: 5 cm – 60 cm
Pushable .035": Pushable .018":	Diameters: 4 mm – 16 mm Diameters: 2 mm – 10 mm	Lengths: 4 cm – 20 cm Lengths: 2 cm – 20 cm

AZUR™ COIL OUTER DIAMETER (OD)

SYSTEM COMPATIBILITY		OUTER DIAMETER
DETACHABLE	HydroCoil .018"	0.014" → 0.034" (Fully Expanded)
	HydroCoil .035"	0.024" → 0.048" (Fully Expanded)
	CX .018"	0.014" → 0.015" (Fully Expanded)
	CX .035"	0.029" → 0.029" (Fully Expanded)
	HydroPack .018"	0.018" → 0.018" (Fully Expanded)
	Framing Coil .018"	0.014" (8-10 mm), 0.015" (14-20 mm)
	Framing Coil .035"	0.022"
PUSHABLE	HydroCoil .018"	0.014" → 0.034" (Fully Expanded)
	HydroCoil .035"	0.024" → 0.048" (Fully Expanded)

CATHETER COMPATIBILITY

COIL TYPE	ID INCHES	ID MILLIMETERS	REPOSITIONING TIME
HydroCoil .018"	Minimum .021	Minimum .53	3 Minutes
HydroCoil .035"	Minimum .038	Minimum .97	3 Minutes
CX .018"	.019 – .027	.48 – .69	30 Minutes
CX .035"	.041 – .047	1.04 – 1.19	20 Minutes
HydroPack .018"	.021 – .027	.53 – .69	10 Minutes
Framing Coil .018"	Minimum .021	Minimum .53	No Restrictions
Framing Coil .035"	Minimum .038	Minimum .97	No Restrictions

- GLIDECATH® Hydrophilic Coated Catheter 5Fr is not recommended to deliver AZUR™ directly because it does not have a nylon-rich inner layer.
- When deploying coils longer than 30cm, use a GLIDECATH that is 100cm or longer for better support.

HYDROPEARL™ CATHETER COMPATIBILITY

MICROSPHERE SIZE	CATHETER
≤ 1100 µm	≥ 0.041" ID
≤ 800 µm	≥ 0.025" ID
≤ 600 µm	≥ 0.022" ID
≤ 400 µm	≥ 0.017" ID

AZUR™ COILS: TREATMENT ALGORITHM & SIZING GUIDE

1

Frame the Base (First Coil)

Coils designed to provide the stability and coverage you need

AZUR CX -OR-

AZUR Framing Coil

Sizing:
At the discretion of the physician, right size (or oversize by up to 1 - 2 mm) the coil in relation to the vessel ID / aneurysm neck

2

Fill the Space (Subsequent Coils)

Coils designed to enable soft packing and superior density

AZUR HydroCoil -OR-

AZUR HydroPack

Sizing:
AZUR HydroPack: Designed to fill space after the first coil. **AZUR HydroCoil:** At the discretion of the physician, downsize the coil in relation to the first coil

AZUR™ COILS: OUTER DIAMETER (OD)

SYSTEM COMPATIBILITY		OUTER DIAMETER
DETACHABLE	HydroCoil .018"	0.014" → 0.034" (Fully Expanded)
	HydroCoil .035"	0.024" → 0.048" (Fully Expanded)
	CX .018"	0.014" → 0.015" (Fully Expanded)
	CX .035"	0.029" → 0.029" (Fully Expanded)
	HydroPack .018"	0.018" → 0.018" (Fully Expanded)
	Framing Coil .018"	0.014" (8 - 10 mm), 0.015" (14-20 mm)
	Framing Coil .035"	0.022"
PUSHABLE	HydroCoil .018"	0.014" → 0.034" (Fully Expanded)
	HydroCoil .035"	0.024" → 0.048" (Fully Expanded)

GLIDECATH® HYDROPHILIC COATED CATHETER SPECIFICATIONS

	4Fr	5Fr	5Fr XP
Effective Lengths	65 cm, 70 cm, 100 cm, 120 cm & 150 cm, 125 cm & 135 cm	65 cm, 70 cm & 100 cm	65 cm, 100 cm & 150 cm, 125 cm & 135 cm
Construction	Double-Braided Stainless Steel	Single-Braided Stainless Steel	Double-Braided Stainless Steel
Inner Diameter - Distal Tip	0.041"/1.03 mm	0.043"/1.10 mm	0.047"/1.20 mm
Guidewire Compatibility	0.038"	0.038"	0.038"
Maximum Injection Pressure	750 psi	1000 psi	1000 psi
Hydrophilic Coating	Distal 15 cm & Distal 40 cm	Distal 25 cm & Distal 40cm	Distal 15 cm & Distal 40 cm

PROGREAT®, PROGREAT LAMBDA™, PROGREAT ALPHA™ PRODUCT SPECIFICATIONS

CATHETER OD	LENGTH (CM)	INNER DIAMETER (IN/MM)	MAX GW (IN)	EMBOLIC COMPATI-BILITY	DEAD SPACE VOLUME (ML)	ACTUAL FLOW RATE (ML/SEC)	
						750 psi	900 psi
1.9/2.8 Fr (0.64/0.94 mm)	130	.019/0.48	.016	AZUR CX .018" Coils /500 µm	0.58	2.5	2.9
	150				0.63	2.2	2.6
	165				0.67	1.9	2.3
2.0/2.7 Fr (0.67/0.90 mm)	110	.019/0.49	.016	AZUR CX .018" Coils /500 µm	0.28	0.9	–
	130				0.32	0.8	–
	150				0.38	0.6	–
2.4/2.9 Fr (0.80/0.97 mm)	110	.022/0.57	.018	.018" Coils /700 µm	0.38	2.0	–
	130				0.43	1.7	–
	150				0.47	1.4	–
2.7/2.9 Fr (0.90/0.97 mm)	110	.025/0.65	.021	.018" Coils /800 µm	0.46	3.0	–
	130				0.53	2.6	–
2.8/3.0 Fr (0.93/1.00 mm)	110	.027/0.70	.021	.018" Coils /900 µm	0.53	3.5	3.9
	130				0.59	3.0	3.6
	150				0.66	2.7	3.2

Indications for Use: AZUR™ coils are intended to reduce or block the rate of blood flow in vessels of the peripheral vasculature. HydroPearl™ Microspheres are intended for the embolization of arteriovenous malformations and hypervascular tumors, including uterine fibroids, and for embolization of prostatic arteries (PAE) for symptomatic benign prostatic hyperplasia (BPH). PROGREAT LAMBDA™ is intended for the infusion of contrast media, or embolic materials for hemostasis, into the peripheral vasculature, excluding the blood vessels belonging to the central circulatory system. PROGREAT LAMBDA is also indicated for drug infusion in intra-arterial therapy in the peripheral vasculature. PROGREAT LAMBDA should not be used in cerebral or coronary vessels.

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