

# EMBOLIZATION POCKET GUIDE



## AZUR EMBOLIZATION SYSTEM SPECIFICATION INFORMATION

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

## AZUR COIL OUTER DIAMETER (OD)

SYSTEM COMPATIBILITY		OUTER DIAMETER
DETACHABLE	HydroCoil .018"	0.034" (fully expanded)
	HydroCoil .035"	0.048" (fully expanded)
	CX .018"	0.015" (fully expanded)
	CX .035"	0.029" (fully expanded)
	HydroPack .018"	0.018" (fully expanded)
	Framing Coil .018"	0.014-0.015"
	Framing Coil .035"	0.022"
PUSHABLE	HydroCoil .018"	0.034"
	HydroCoil .035"	0.048"

## 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

# EMBOLIZATION TREATMENT ALGORITHM

EMBOLIZATION GOAL*	ANEURYSMS		VESSEL OCCLUSIONS	
	Diagnostic Catheter	Microcatheter	Diagnostic Catheter	Microcatheter
Establishing the Base	D35 Framing Coil CX35	D18 Framing Coil CX18	CX35	CX18
Filling the space	Detachable 35 Pushable 35	Detachable 18 HydroPack 18 Pushable 18	Combination: CX35 Detachable 35 Pushable 35	Combination: CX18 Detachable 18 HydroPack 18 Pushable 18

\*For every vessel occlusion or aneurysm where a microcatheter or diagnostic catheter is required or preferred.

## AZUR EMBOLIZATION SYSTEM SIZING GUIDE\*

		ARTERIES/ANEURYSMS	VEINS
AZUR Framing Coil	8 mm x 20 cm	5 – 7 mm	5 – 7 mm
	10 mm x 26 cm	8 – 10 mm	7 – 9 mm
	14 mm x 34 cm	11 – 14 mm	10 – 13 mm
	20 mm x 50 cm	> 15 mm	> 14 mm
AZUR HydroCoil		Right size to targeted area or oversize by 1mm	Oversize 1 – 2 mm to targeted area
AZUR CX		Oversize 1 – 2 mm	Oversize 2 mm
AZUR HydroPack		Azur HydroPack coil is designed to fill volume behind AZUR CX coil for vessel occlusion. Azur HydroPack coil is designed to fill volume inside of the AZUR Framing Coil for aneurysm occlusion. No vessel diameter sizing required.	

\*All sizing is done at the discretion of the physician

## 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 COMPATIBILITY	DEAD SPACE VOLUME (ML)	ACTUAL FLOW RATE (ML/SEC)	
						750 psi	900 psi
1.9/2.8 Fr (0.64/0.94 mm)	165	.019/0.48	.016	AZUR CX .018" Coils /500 µm	0.67	1.9	2.3
	110						
2.0/2.7 Fr (0.67/0.90 mm)	130	.019/0.49	.016	AZUR CX .018" Coils /500 µm	0.28	0.9	–
	150				0.32	0.8	–
					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	–
	110				0.53	3.5	3.9
2.8/3.0 Fr (0.93/1.00 mm)	130	.027/0.70	.021	.018" Coils /900 µm	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 material 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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