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

# EMBOLIZATION
# POCKET GUIDE

TERUMO INTERVENTIONAL SYSTEMS

## AZUR® EMBOLIZATION SYSTEM SPECIFICATION INFORMATION

| | | |
|---|---|---|
| AZUR® Framer .018": | Diameters: 8mm – 20mm | Lengths: 20cm – 50cm |
| AZUR® Framer .035": | Diameters: 8mm – 20mm | Lengths: 20cm – 50cm |
| HydroCoil .018": | Diameters: 2mm – 20mm | Lengths: 2cm – 30cm |
| HydroCoil .035": | Diameters: 4mm – 20mm | Lengths: 5cm – 30cm |
| CX .018": | Diameters: 2mm – 20mm | Lengths: 2cm – 40cm |
| CX .035": | Diameters: 4mm – 20mm | Lengths: 7cm – 39cm |
| Pushable .035": | Diameters: 4mm – 15mm | Lengths: 4cm – 20cm |
| Pushable .018": | Diameters: 2mm – 10mm | Lengths: 2cm – 20cm |

## COIL OUTER DIAMETER (OD)

| | SYSTEM COMPATIBILITY | UNEXPANDED OD | FULLY EXPANDED OD |
|---|---|---|---|
| DETACHABLE | HydroCoil .018" | 0.017" | 0.034" |
| | HydroCoil .035" | 0.030" | 0.048" |
| | Framer .018" | 0.014–0.015" * | N/A |
| | Framer .035" | 0.022" | N/A |
| | CX .018" | 0.014" | 0.015" |
| | CX .035" | 0.029" | 0.029" |
| PUSHABLE | HydroCoil .018" | 0.014" | 0.034" |
| | HydroCoil .035" | 0.024" | 0.048" |

*OD for 8x20, 10x26 = 0.014", and 14x34, 20x50 = 0.015"

## CATHETER COMPATIBILITY

| COIL TYPE | ID INCHES (MIN – MAX) | ID MILLIMETERS (MIN – MAX) | REPOSITIONING TIME |
|---|---|---|---|
| HydroCoil .018" | .021" – .027" | .53 – .69 | 3 – 5 Minutes |
| HydroCoil .035" | .038" – .047" | .97 – 1.19 | 3 – 5 Minutes |
| CX .018" | .019" – .027" | .48 – .69 | 30 Minutes |
| CX .035" | .041" – .047" | 1.04 – 1.19 | 20 Minutes |
| Framer .018" | .021" –.027" | .53 – .69 | No Restrictions |
| Framer .035" | .038" –.047" | .97 – 1.19 | 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 | MICROCATHETER |
|---|---|
| ≤ 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 Framer | D18 Framer | CX35 | CX18 |
| Filling the space | Detachable 35<br>Pushable 35 | Detachable 18<br>Pushable 18 | Combination:<br>CX35<br>Detachable 35<br>Pushable 35 | Combination:<br>CX18<br>Detachable 18<br>Pushable 18 |

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

## AZUR® EMBOLIZATION SYSTEM SIZING RECOMMENDATIONS

| | | ARTERIES/ANEURYSMS | VEINS |
|---|---|---|---|
| AZUR® Framing Coil | 8x20 | 5 – 7mm | 5 – 7mm |
| | 10x26 | 8 – 10mm | 7 – 9mm |
| | 14x34 | 11 – 14mm | 10 – 13mm |
| | 20x50 | > 15mm | > 14mm |
| AZUR® HydroCoil | | Right size to targeted area or oversize by 1mm | Oversize 1 – 2mm to targeted area |
| AZUR® CX | | Oversize 1 – 2mm | Oversize 2mm |

## GLIDECATH® HYDROPHILIC COATED CATHETER SPECIFICATIONS

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

## PROGREAT® AND 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 |
| 2.0/2.7Fr (0.67/0.90mm) | 110 | .019"/ 0.49 | .016 | AZUR® CX .018" Coils /500µm | 0.39 | 1.3 | – |
| | 130 | | | | 0.43 | 1.2 | – |
| | 150 | | | | 0.46 | 1.0 | – |
| 2.4/2.9Fr (0.80/0.97mm) | 110 | .022"/ 0.57 | .018 | .018" Coils /500µm | 0.48 | 2.3 | – |
| | 130 | | | | 0.53 | 2.0 | – |
| | 150 | | | | 0.58 | 1.8 | – |
| 2.7/2.9Fr (0.90/0.97mm) | 110 | .025"/ 0.65 | .021 | .018" Coils / 700µm | 0.57 | 3.5 | – |
| | 130 | | | | 0.64 | 3.2 | – |
| 2.8/3.0Fr (0.93/1.00mm) | 110 | .027"/ 0.70 | .021 | .018" Coils / 900µm | 0.61 | 4.1 | 4.7 |
| | 130 | | | | 0.68 | 3.7 | 4.3 |
| | 150 | | | | 0.75 | 3.1 | 3.9 |

TERUMO
INTERVENTIONAL SYSTEMS

**RX ONLY. Refer to the product labels and package insert for complete warnings, precautions, potential complications, and instructions for use.**

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