

Centros[®]

CHRONIC DIALYSIS CATHETER



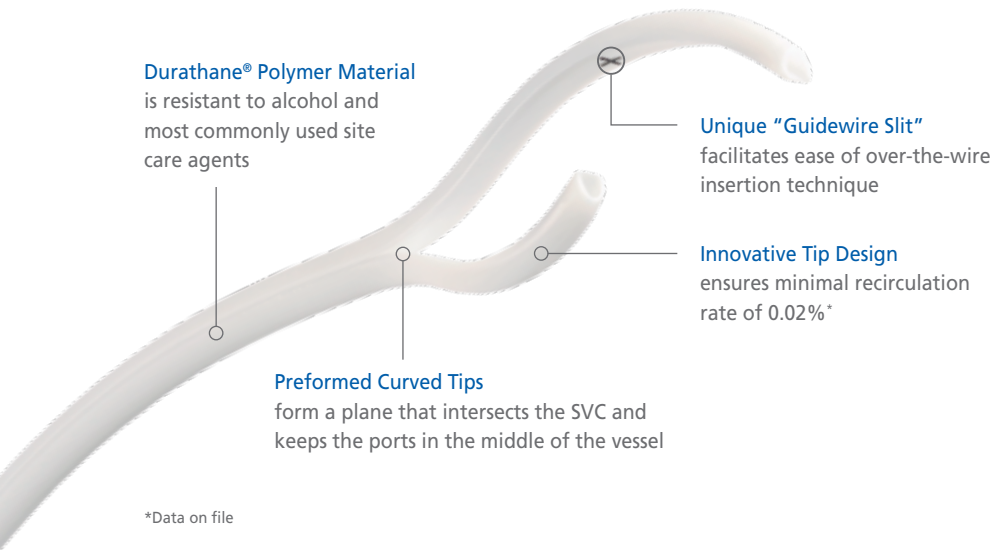
> Centros with Curved Tip™ Catheter
Technology is self-centering by design

Curved Tip
Catheter
TECHNOLOGY

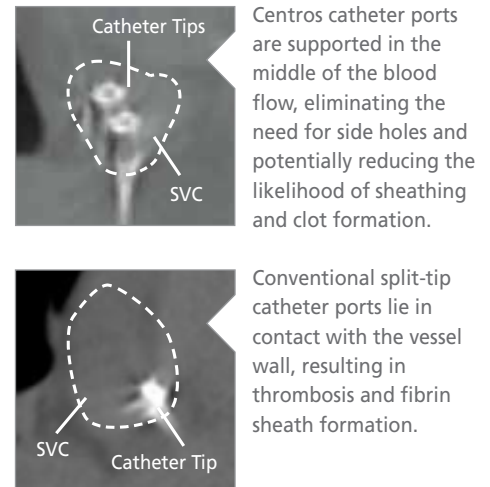
ANGIODYNAMICS[®]

Ahead of the Curve

Introducing Centros®, the next generation, self-centering, split-tip dialysis catheter from Dr. Stephen Ash. The highly innovative 15F Centros catheter design features preformed curved tips, which automatically center the catheter ports within the middle of the vessel to maintain optimal blood flow and minimal recirculation rates, and enhance overall catheter performance.



CT View of Centros Versus Conventional Split-Tip



ORDERING INFORMATION

Description	Basic Kit		Catheter Only	
	Units/Box	Catalog No.	Units/Box	Catalog No.
<input type="checkbox"/> 20 cm Straight	5	10306201	5	10306101
<input type="checkbox"/> 22 cm Straight	5	10306202	5	10306102
<input type="checkbox"/> 24 cm Straight	5	10306203	5	10306103
<input type="checkbox"/> 28 cm Straight	5	10306204	5	10306104
<input type="checkbox"/> 32 cm Straight	5	10306205	5	10306105
<input type="checkbox"/> 36 cm Straight	5	10306206	5	10306106

BASIC KIT INCLUDES: (1) Centros hemodialysis catheter, (1) 16F valved peelable introducer sheath, (1) #11 blade disposable safety scalpel w/handle, (1) .038" x 80 cm J/Flex guidewire, (1) 18 Ga x 2 3/4" (7 cm) introducer needle, (1) tunneler assembly, (1) adhesive wound dressing, (1) 12F vessel dilator, (1) 14F vessel dilator, (2) injection caps.

Description	Basic Kit	
	Units/Box	Catalog No.
<input type="checkbox"/> 22 cm Pre-Curve	5	10306212
<input type="checkbox"/> 24 cm Pre-Curve	5	10306213
<input type="checkbox"/> 28 cm Pre-Curve	5	10306214
<input type="checkbox"/> 32 cm Pre-Curve	5	10306215
<input type="checkbox"/> 36 cm Pre-Curve	5	10306216

PHYSICIAN'S SIGNATURE

IMPORTANT RISK INFORMATION

INDICATION FOR USE: The Centros hemodialysis catheter is a dual lumen radiopaque catheter with a polyester cuff. It is indicated for long-term (> 30 days) use in attaining long-term vascular access for hemodialysis and apheresis. It may be inserted percutaneously and is primarily placed in the internal jugular vein of an adult patient. Caution: Federal (USA) law restricts these devices to sale by or on the order of a physician.

CONTRAINDICATIONS: This catheter is intended for long-term vascular access only, and is NOT intended for pediatric use. The valved peelable introducer sheath is

not designed for use in the arterial system or as a hemostatic device.

WARNINGS AND PRECAUTIONS: For single use only. Do not resterilize the catheter or accessories by any method and/or reuse. Contents sterile in unopened, undamaged package. Do not use if opened or any sign of product damage is visible. Please see package insert for complete list of warnings and precautions.

POTENTIAL COMPLICATIONS: Procedure-related and surgical complications including: air embolus; allergic

reactions; bacteremia; bleeding; brachial plexus, mediastinal or pleural injury; cardiac arrhythmia or tamponade; central venous, lumen or vascular thrombosis; endocarditis; exsanguination; hemothorax or pneumothorax; infection; laceration of the vessel or thoracic duct; and punctures (right atrial, subclavian artery, superior vena cava). Risks normally associated with local anesthesia and surgical procedures.

Indications, contraindications, warnings and instructions for use can be found in the instructions for use supplied with each catheter. Observe all instructions prior to use. Failure to do so may result in patient complications.

ANGIODYNAMICS®

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U.S. patent and foreign counterpart pending.
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