CENTERED ON PERFORMANCE™
reducing catheter failure

CentrosFlo™
Long-Term Hemodialysis Catheter
Fibrin sheaths are a frequent cause of catheter malfunction.\textsuperscript{1} Fibrin sheathing is associated with vessel wall injury and can occur as the catheter tip impacts the vein wall.\textsuperscript{1, 2} Indwelling catheters with fibrin sheaths have shown a predisposition to catheter infection.\textsuperscript{2} In a study of removed or exchanged hemodialysis catheters examined with contrast, 76\% had fibrin sheaths.\textsuperscript{3}

**STUDY RESULTS**

A 1998 porcine model study found that vessel injury and fibrin sheath formation can be prevented by a centered (stabilized) catheter tip in the vasculature.

CENTERED CATHETERS were found to be completely free in the vessel with no gross evidence of vessel injury.

NON-CENTERED CATHETERS, control catheter tips were embedded in a lesion and covered with fibrotic tissue.

“Vessel injury, and resulting thrombosis, can be prevented by a catheter modification that stabilizes the tip. Such a catheter may significantly reduce catheter malfunction and morbidity associated with these devices.”

The highly innovative CentrosFLO design features preshaped tips which automatically center the catheter in the middle of the vessel.
The CentrosFLO by Dr. Stephen Ash represents a new approach to the design of dialysis catheters. The distal tip of the catheter has a unique curved configuration that keeps the ports of the catheter centered and away from vessel walls.

**CentrosFLO Features:**

- **Preshaped Curved Tips** are designed to form a plane that intersects the SVC and keeps the ports in the middle of the vessel.

- **Unique Guide Wire Slit** facilitates ease of over-the-wire insertion technique.

- **New Distal Side Holes** reduce potential for arterial insufficiency.

- **New Tip-to-Cuff Measurement** on bifurcation hub.

- **Non-Traumatic Tunneler** sleeve and catheter tips form a friction fit inside sleeve, reducing risk.

**Durable Connectors** are resistant to most commonly used site care agents.
### ORDERING INFORMATION

**COMPLETE KIT:**

1. 15F CentrosFLO Long-Term Hemodialysis Catheter
2. 16F Valved Peelaway Sheath And Dilator
3. 18G X 2.75” (7 cm) Introducer Needle
4. #11 Safety Scalpel
5. 0.038” X 80 cm J-Tipped Guide Wire
6. Adhesive dressing (2)
7. Injection Caps (2)
8. 12F Vessel Dilator
9. 14F Vessel Dilator
10. Tunneler With Sleeve

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**CATHETER ONLY:**

1. 15F CentrosFLO Long-Term Hemodialysis Catheter
2. Injection Caps

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All Products Packaged 5 Per Box.

Ordering Department ________________  Customer Signature ______________________________  Date ____________

To find out more about the CentrosFLO, call Customer Service at 1-800-35-MERIT.

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* Tested in forward flow in a simulated anatomical model using fluid viscosity equivalent to blood.