

NovoSci™

D-Line® Short Term Hemodialysis Catheters

THE NEXT GENERATION



NEWLY DESIGNED
FOR OPTIMIZED FLOW RATES

D-Line® Catheter ST - **EXTRA FLOW(EF)** SHORT TERM HEMODIALYSIS CATHETER

FEATURES AND BENEFITS

- **ULTRA-THIN THERMOSENSITIVE POLYURETHANE**

Highly biocompatible material

Material resists kinking upon insertion; yet softens when warmed to body temperature

Radiopaque material for easy visualization during x-ray

- **SMOOTH NON-THROMBOGENIC SURFACE**

Improves patient comfort and minimizes thrombosis formation

- **CONTINUOUS LUMEN**

The D-Line flow path and newly designed low resistance tip delivers excellent flow rates.

- **COLOR-CODED SAFETY CLAMPS**

Important information such as priming volumes and catheter length are printed on both sides of the clamps for reference after the catheter is implanted.

- **REDESIGNED TIP**

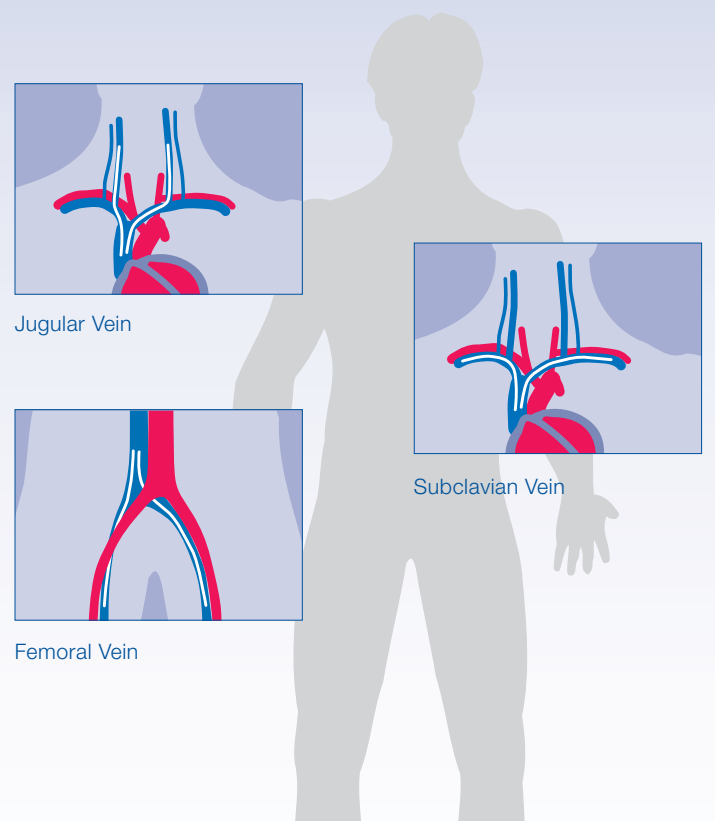
The newly redesigned tip enables laminar blood flow in and out of the catheter with excellent flow rates and decreased recirculation when compared to other leading catheters.

- **SWIVELING SUTURE RING**

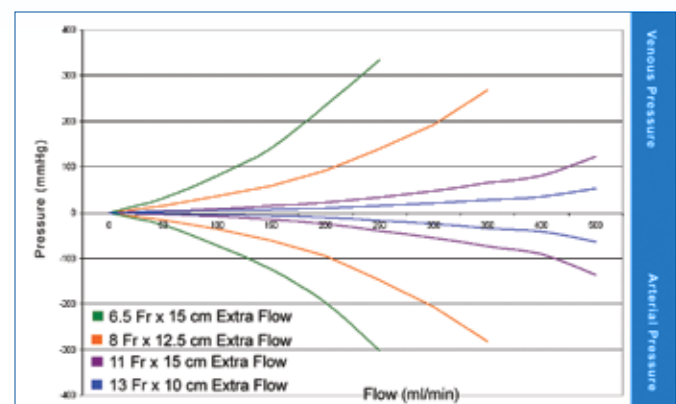
Extra small to avoid skin irritation and allows viewing of insertion site

- **AVAILABLE IN STRAIGHT, CURVED EXTENSIONS OR CURVED EXTENSION TO ONE SIDE**

- **AVAILABLE IN 6.5 FR, 8 FR, 11 FR, AND 13 FR DIAMETERS**



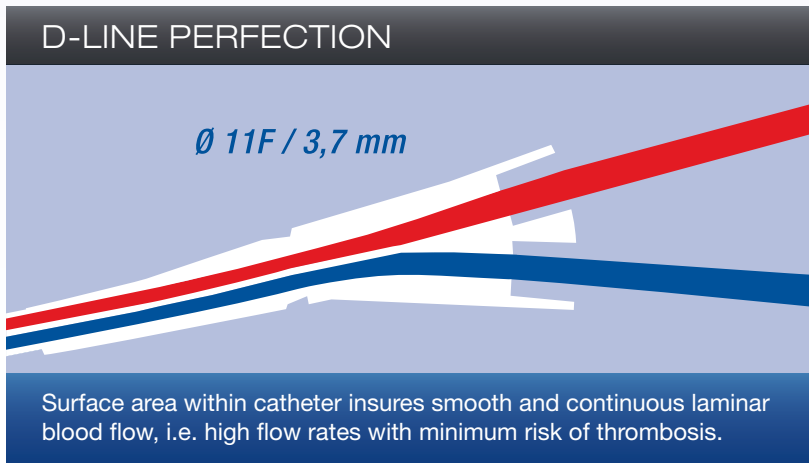
FLOW/PRESSURE - EXTRA FLOW CATHETERS



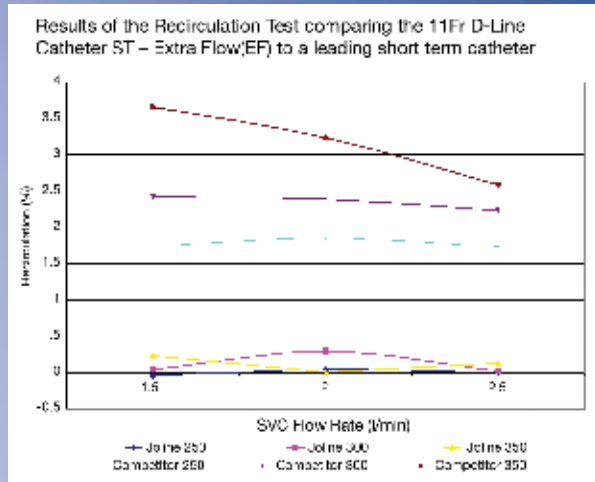
D-Line® Catheter ST - **EXTRA FLOW(EF)** SHORT TERM HEMODIALYSIS CATHETER

NEWLY DESIGNED FOR OPTIMIZED FLOW RATES

- 1 The turbine vane design of the arterial inflow of the catheter tip enables excellent flow rates. Even with low pressure, the design reduces flow turbulence and the risk of thrombosis. The design achieves this without the use of side holes.
- 2 The D-shaped venous lumen ends in a round tip and provides the possibility to insert this catheter with the standard Seldinger technique.
- 3 The D-shaped lumen together with the new tip design and the ultra-thin polyurethane material create a catheter with flow results normally achieved with larger diameter catheters.
- 4 The tip design provides 86% less recirculation when compared to a leading short term hemodialysis catheter.



RECIRCULATION TEST



CATHETER KIT

- 11 Catheter
- 12 Dilator
- 13 Introducer Needle
- 14 J-Guide Wire
- 15 Luer-Lock injection caps



D-Line® Catheter ST - **DUAL LUMEN**

SHORT TERM HEMODIALYSIS CATHETER

FEATURES

- THERMOSENSITIVE POLYURETHANE
- CONTINUOUS LUMEN – LOW RESISTANCE
Excellent flow rates generated by large arterial and venous dialysis lumen with side holes

- **COLOR CODED SAFETY CLAMPS**

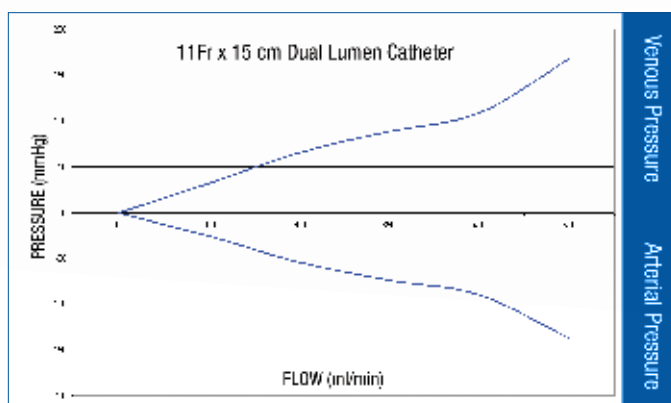
Important information about priming and catheter length is printed on the clamp allowing it to be available to the clinician after insertion

- AVAILABLE WITH STRAIGHT OR CURVED EXTENSIONS

- AVAILABLE IN 11 FR. DIAMETER AND VARIOUS LENGTHS TO MEET THE CLINICAL REQUIREMENTS

NovoSci...
innovators of tomorrow's
technology
today

FLOW/PRESSURE - DUAL LUMEN CATHETER



ORDER INFORMATION

D-Line® Short Term Hemodialysis Catheters

D-Line® Catheter ST - **EXTRA FLOW(EF)**

Model #	C	R	Diameter (Fr)	Length (cm)
KDL06P075US	•	•	6.5	7.5
KDL06P100US	•	•	6.5	10.0
KDL06P125US	•	•	6.5	12.5
KDL06P150US	•	•	6.5	15.0
KL08P075US	•	•	8	7.5
KL08P100US	•	•	8	10
KL08P125US	•	•	8	12.5
KL08P150US	•	•	8	15
KEF11P100US	•		11	10.0
KEF11P125US	•	•	11	12.5
KEF11P150US	•	•	11	15.0
KEF11P175US	•	•	11	17.5
KEF11P200US	•	•	11	20.0
KEF11P225US	•	•	11	22.5
KEF11P250US	•	•	11	25.0
KEF11P300US	•	•	11	30.0
KEF13P100US	•		13	10.0
KEF13P125US	•	•	13	12.5
KEF13P150US	•	•	13	15.0
KEF13P175US	•	•	13	17.5
KEF13P200US	•	•	13	20.0
KEF13P225US	•	•	13	22.5
KEF13P250US	•	•	13	25.0

D-Line® Catheter ST - **DUAL LUMEN**

Model #	C	R	Diameter (Fr)	Length (cm)
KDL11P100US	•		11	10
KDL11P125US	•	•	11	12.5
KDL11P150US	•	•	11	15
KDL11P175US	•	•	11	17.5
KDL11P200US	•	•	11	20
KDL11P225US	•	•	11	22.5
KDL11P250US	•	•	11	25

All sizes are available in straight extensions

C = Curved Extensions

R = Curved Extensions to One Side

Packaged 5 per box

The catheter kit contains:

1 x Catheter, 1 x Dilator

2 x Luer-Lock Injection Caps

1 x J-Guide Wire, 1 x Introducer Needle

All products are latex free

NovoSci™

2828 N. Crescent Ridge Drive

The Woodlands, TX 77381

Customer Service Phone:

800.854.0567 or 281.363.4950

Fax: 888.570.4009

customer@novosci.us

www.NovoSci.com

info@novosci.com

NovoSci is a United States FDA registered manufacturer.
NovoSci is ISO 13485-2003 certified.

© Copyright 2006 NovoSci Corporation All rights reserved.

Manufactured By:

JOLINE GmbH & Co. KG

Neue Rottenburger Strasse 50

72379 Hechingen

Germany