



MAHURKAR®*

12Fr Triple Lumen Acute Care Catheter

THE FIRST ACUTE CARE TRIPLE LUMEN CATHETER INDICATED FOR HEMODIALYSIS AND APHERESIS

EFFICACY

- Modified Double-D** lumen design ensures high flows
- Provides comparable flows to a dual lumen catheter with no increased incidence of infections*
- When compared to a dual lumen catheter, desired (prescribed) flow rates were achieved 100% of the time*



Modified
Double-D**
Design

SAFETY

- Soft atraumatic tip designed to reduce vessel trauma during insertion
- Laser-cut outlets help reduce positional occlusion
- Imprinted priming volumes on catheter extensions quickly identify heparin locking volumes

EASE OF USE

- 180° curved extensions help stabilize the catheter and provide patient comfort
- Rotatable suture wings enable the tip to be rotated after implantation and stabilize the catheter

PATIENT BENEFITS

- Preserve vascular access
- No greater risk of infection than a dual lumen catheter*
- Distinctive 3rd dedicated Line for blood access and delivery of fluids/medications between treatments
- Optional line to better manage changes in patient status



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PRODUCT CONFIGURATIONS

- The 12Fr MAHURKAR®* triple lumen catheter is available in four lengths: 13 cm, 16 cm, 20 cm and 24 cm to accommodate varying body types and insertion sites
- Straight extensions are available in 20 cm and 24 cm lengths



Laser-cut side slots designed to help reduce clot formation and positional occlusion



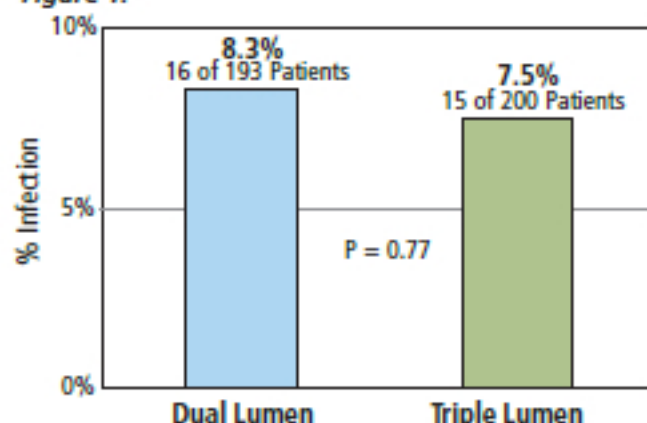
Imprinted priming volumes on catheter extensions quickly identify heparin-locking volumes



Soft, atraumatic tip designed to reduce vessel trauma during insertion

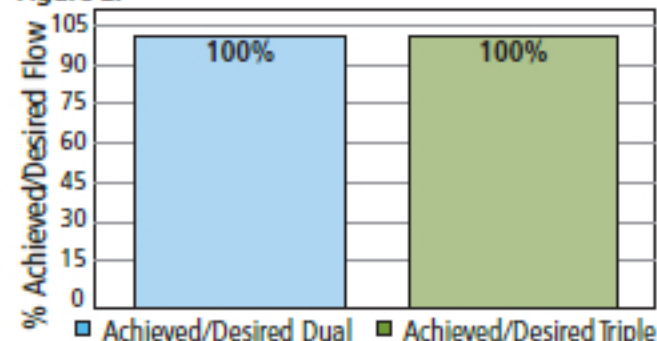
Catheter-Related Blood Stream Infection Comparison

Figure 1. *



Median Flow Performance (Hemodialysis / Apheresis)

Figure 2. *



HEMODIALYSIS:

VALUE = 0.88 Dual Achieved/Desired vs. Triple Achieved/Desired

APHERESIS:

VALUE = 0.88 Dual Achieved/Desired vs. Triple Achieved/Desired

Re-order Information

	Re-order No.	Description	Qty/Case
Catheter Kits, Curved Extensions	8888345603	12 Fr x 13 cm	5/case
	8888345611	12 Fr x 16 cm	5/case
	8888345629	12 Fr x 20 cm	5/case
	8888345637	12 Fr x 24 cm	5/case
Catheter Kits, Straight Extensions	8888340629	12 Fr x 20 cm	5/case
	8888340637	12 Fr x 24 cm	5/case
Catheter Trays, Curved Extensions	8888101001	12 Fr x 13 cm	5/case
	8888101002	12 Fr x 16 cm	5/case
	8888101003	12 Fr x 20 cm	5/case
	8888101004	12 Fr x 24 cm	5/case
Catheter Trays, Straight Extensions	8888102003	12 Fr x 20 cm	5/case
	8888102004	12 Fr x 24 cm	5/case

Components	Qty	Kits	Trays
12 Fr Catheter	1	•	•
18G Introducer Needle	1	•	•
J/Straight 0.035" x 70 cm Guidewire	1	•	•
Tissue Dilators (10Fr., 12Fr.)	2	•	•
6 mL Luer Lock Syringes	2		•
3 mL Luer Lock Syringes	3		•
Hypodermic Needles (18G, 22G, 25G)	3		•
2.0 Nylon Suture with Curved Needle	1		•
5 mL Ampule Lidocaine (1%)	1		•
Large 72" x 76" Fenestrated Drape	1		•
#11 Scalpel	1		•
Needle Holder	1		•
Chloraprep™ Applicator Wand (3 mL)	1		•
Telfa™ Island Dressings	2	•	•
Gauze Sponges	6		•
Sealing Caps	3	•	•
Needle Safety Holder	1		•

Orders for all catheter products should be placed through the Covidien Customer Service Department, 1-800-962-9888.

REFERENCE:

*CONTRERAS, G, et al.: A Multicenter, Prospective, Randomized, Comparative Evaluation of Dual- Versus Triple-Lumen Catheters for Hemodialysis and Apheresis in 485 Patients. *AJKD* 2003;2:315-324.

Covered by one or more of the following U.S. patents: US 5,221,256; 5,348,536; 5,403,291; 5,451,206; 5,486,159; 5,489,278 and foreign counterparts.

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