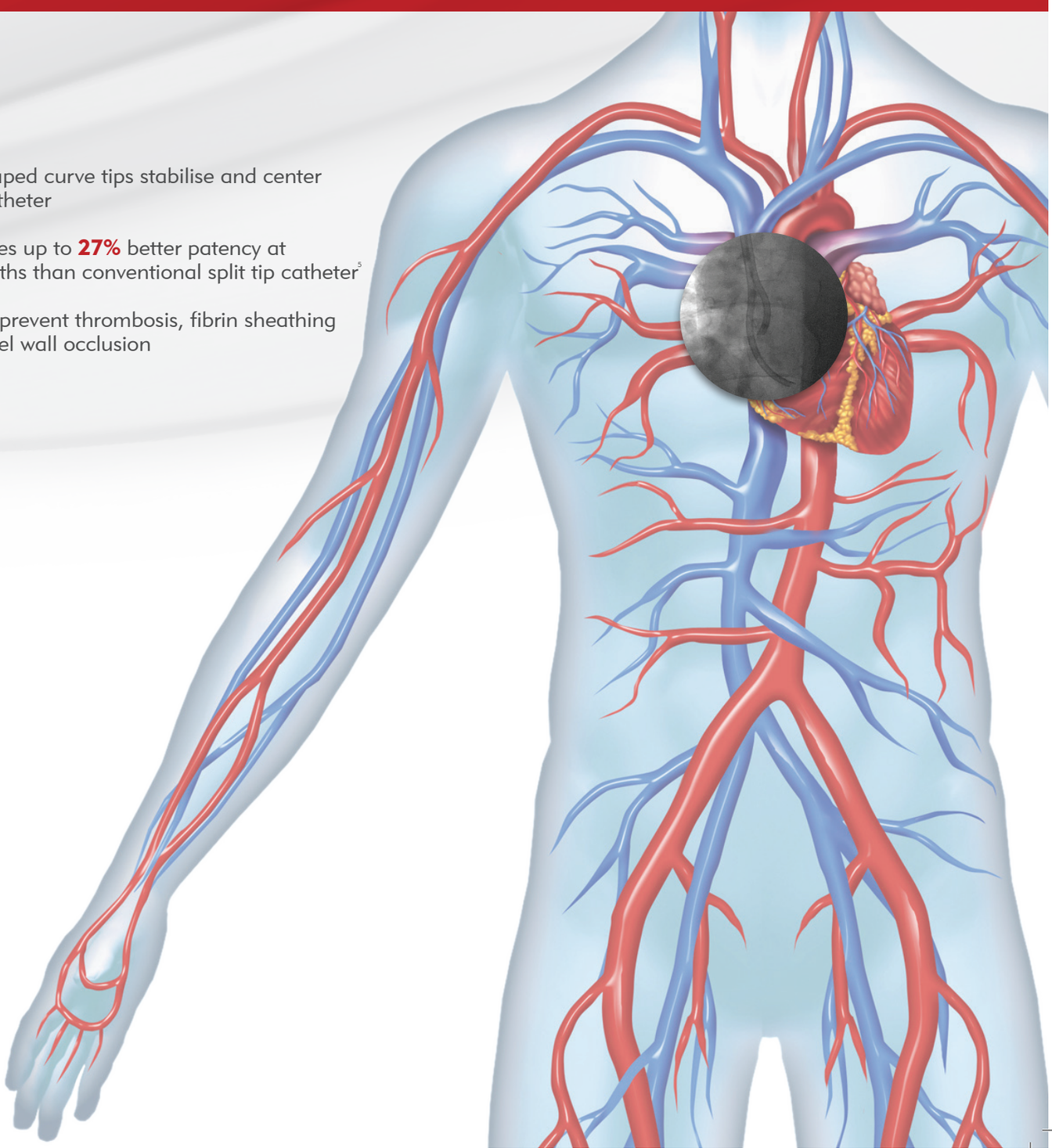
MERITMEDICAL®

CentrosFLO®

Long-Term Haemodialysis Catheter

- Preshaped curve tips stabilise and center the catheter
- Provides up to **27%** better patency at 3 months than conventional split tip catheter[5]
- Helps prevent thrombosis, fibrin sheathing & vessel wall occlusion



CentrosFLO®

Long-Term Haemodialysis Catheter

centered on performance

The high performance CentrosFLO® long-term haemodialysis catheter from Merit Medical was designed with performance, safety, and ease of use in mind. The SELF-CENTERING, curved-tip catheter has a greater separation between the arterial and venous tips than symmetrical tip catheters. Its design is intended to optimise CATHETER PATENCY, and reduce fibrin sheath formation, thrombosis and vessel wall occlusions by keeping the tips of the catheter centered in the vessel and away from the vessel wall. Fibrin sheaths are a frequent cause of catheter malfunction and in a study of removed or exchanged haemodialysis catheters, 76% had fibrin sheaths.[1, 2, 3] The CentrosFLO was designed for PERFORMANCE, SAFETY AND EASE OF USE.

performance

Preshaped Curved Tips
stabilise and center the catheter in the junction of the Superior Vena Cava (SVC) and Right Atrium (RA).

Distal Venous and Arterial Side Holes
reduce intraluminal pressure and the likelihood of the catheter tips sucking up against the vessel wall.

Large Internal Lumen
allows for a flow rate of up to 450 mL/min.



Tunneler with Sleeve

Peelaway Sheath and Dilator

safety

Atraumatic Catheter Tip Design
minimises puncture or irritation of vessel walls.

Non-Traumatic Tunneler
for more rapid loading of the catheter without risk to catheter tips.

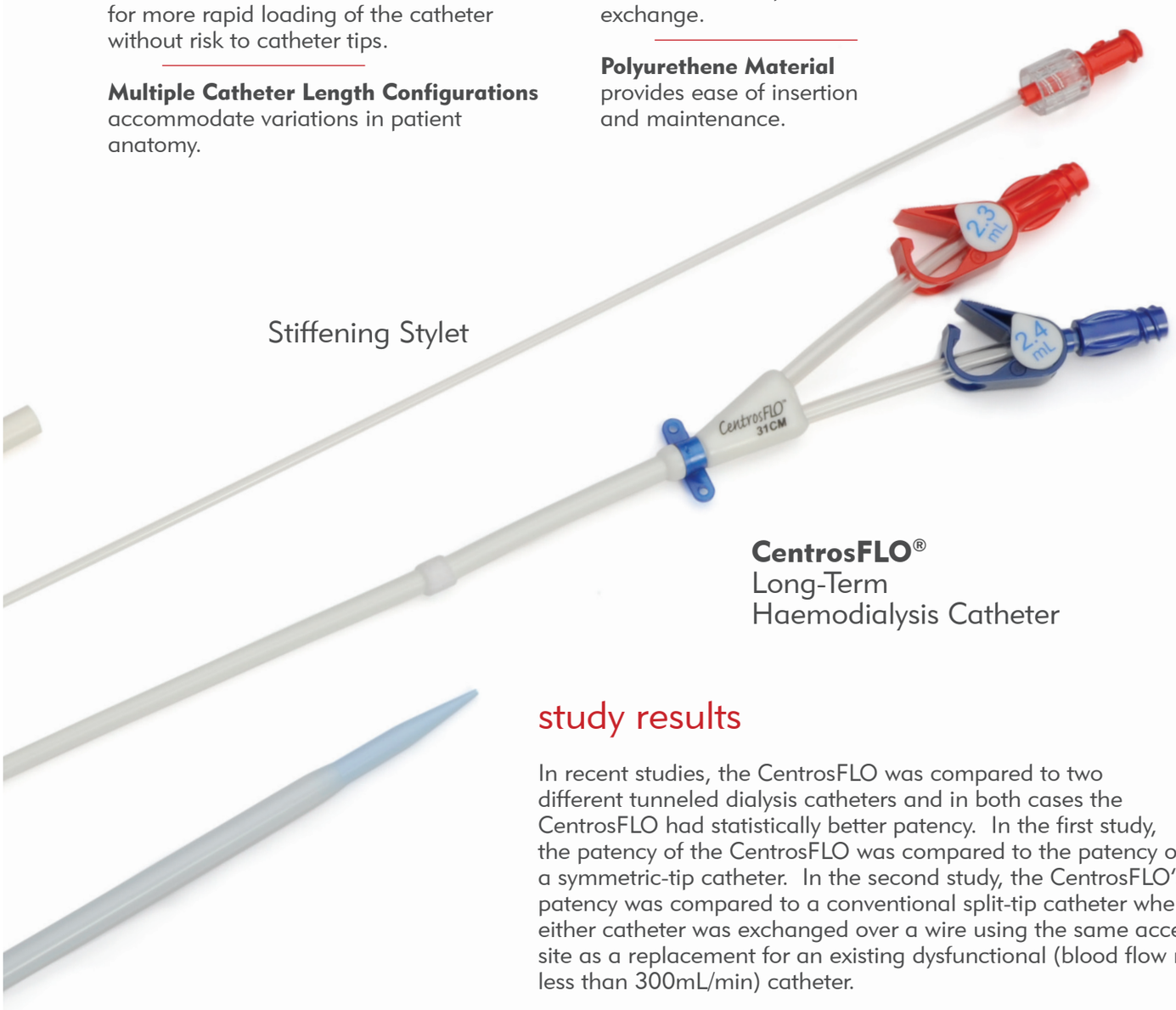
Multiple Catheter Length Configurations
accommodate variations in patient anatomy.

ease of use

Peelaway Sheath and Dilator
insertion for initial placement.

Stiffening Stylet
for over-the-wire placement and exchange.

Polyurethene Material
provides ease of insertion and maintenance.



CentrosFLO®
Long-Term
Haemodialysis Catheter

study results

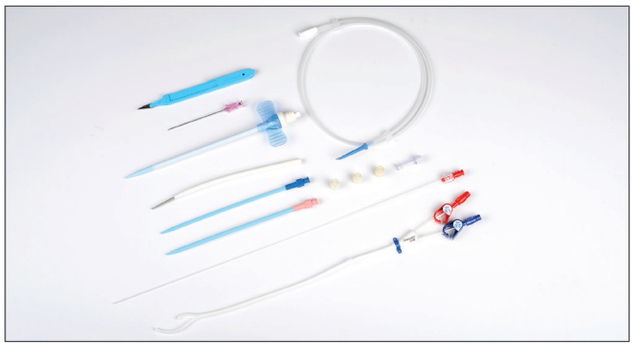
In recent studies, the CentrosFLO was compared to two different tunneled dialysis catheters and in both cases the CentrosFLO had statistically better patency. In the first study, the patency of the CentrosFLO was compared to the patency of a symmetric-tip catheter. In the second study, the CentrosFLO's patency was compared to a conventional split-tip catheter when either catheter was exchanged over a wire using the same access site as a replacement for an existing dysfunctional (blood flow rate less than 300mL/min) catheter.

Study A[4]	Self-Centering, Split-Tip Design (n=38)	Symmetric-Tip Design (n=20)	Statistical Probability
Follow-up Period	3 Months	3 Months	3 Months
3 Month Patency	94.7%	75.0%	P=.04
Mean Clearance (Kt/V)	1.48	1.42	(p=.48)*
Mean Blood Flow (mL/min)	394	382	(p=.27)*

Study B[5]	Self-Centering, Split Tip Design (n=46)		Conventional Split-Tip Design (n=27)		Statistical Probability	
Follow-up Period	3 Months	6 Months	3 Months	6 Months	3 Months	6 Months
Patency	67.4%	23.9%	40.7%	14.8%	p=.01	p=.01
Mean Blood Flow (mL/Min)	391	388	388	352	(p=.6)*	p=.01

*NDS = Not Statistically Significant, p>0.05 (t-tests)
Note: Mean clearance and mean blood flow did not include data from the patients with no catheter patency and represent values from the follow-up period.

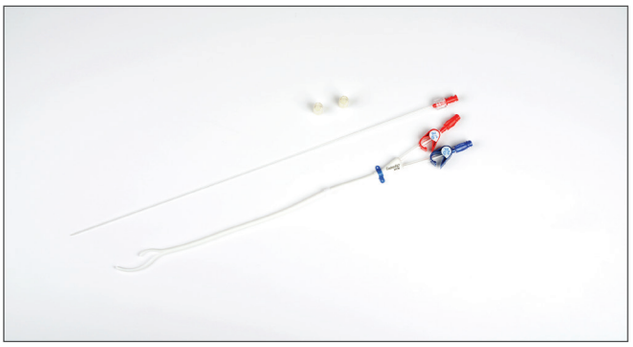
ordering information



complete kit

1 15F CentrosFLO Long-Term Haemodialysis Catheter
1 Stiffening Stylet
1 16F Peelaway Sheath And Dilator
1 18G X 2.75" (7 cm) Introducer Needle
1 #11 Safety Scalpel
1 0.038" X 80 cm J-Tipped Guide Wire
2 Adhesive Dressing
3 Injection Caps
1 12F Vessel Dilator
1 14F Vessel Dilator
1 Tunneler With Sleeve
1 Spacer

product code	tip-to-cuff	tip-to-hub	stylet
CENFT15K	15 cm	20 cm	yes
CENFT17K	17 cm	22 cm	yes
CENFT19K	19 cm	24 cm	yes
CENFT23K	23 cm	28 cm	yes
CENFT27K	27 cm	32 cm	yes
CENFT31K	31 cm	36 cm	yes



catheter only

1 15F CentrosFLO Long-Term Haemodialysis Catheter
1 Stiffening Stylet
2 Injection Caps

All Products Packaged 5 Per Box.

product code	tip-to-cuff	tip-to-hub	stylet
CENFT15C	15 cm	20 cm	yes
CENFT17C	17 cm	22 cm	yes
CENFT19C	19 cm	24 cm	yes
CENFT23C	23 cm	28 cm	yes
CENFT27C	27 cm	32 cm	yes
CENFT31C	31 cm	36 cm	yes

To find out more about the CentrosFLO, call Customer Service or visit our website.

[1] Crain, MR, Horton, MG, Mewissen, MV. Fibrin sheaths complicating central venous catheters. ***AJR***.1998 Aug;171:341-346.
[2] Forauer AR, Theoharis GA, Dasika NL. Jugular vein catheter placement: histologic features and development of catheter-related (fibrin) sheaths in a swine model. ***Radiol***. 2006 Aug;240(2)427-434.
[3] Alomari, AI, Falk, A. The natural history of tunneled hemodialysis catheters removed or exchanged: a single-institution experience. ***JVIR***. 2007;18:227-235.
[4] Balamuthusamy S. Self-centering, split-tip catheter has better patency than symmetric-tip tunneled hemodialysis catheter: single-center retrospective analysis. Semin Dial. 2014 Jan 20. Epub 2014 Jan 20.
[5] Data on file. Exclusions from Study B were patients with catheter-related infections, femoral vein catheters, or exchanges requiring the creation of a new venotomy or exit site. A repeated measures ANOVA was used to assess differences between groups and among times.

MERITMEDICAL®

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