The high performance CentrosFLO® long-term hemodialysis catheter from Merit Medical was designed with performance, safety, and ease of use in mind. The new SELF-CENTERING, curved-tip catheter has a greater separation between the arterial and venous tips. Its design is intended to optimize 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 hemodialysis catheters, 76% had fibrin sheaths.1, 2, 3

The CentrosFLO was designed for PERFORMANCE, SAFETY AND EASE OF USE.

---

**Performance**

- **Preshaped Curved Tips**
  stabilize 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 450 mL/min.
**safety**

Atraumatic Catheter Tip Design minimizes 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**

Unique Guide Wire Slit supports over-the-wire insertion technique.

Carbothane® Material provides ease of insertion and maintenance.

Peelaway Sheath and Dilator insertion for initial placement.

**study results**

The highly innovative CentrosFLO design features preshaped tips which automatically center the catheter in the middle of the vessel.

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.”
ordering information

complete kit

1 15F CentrosFLO Long-Term Hemodialysis Catheter
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
2 Injection Caps
1 12F Vessel Dilator
1 14F Vessel Dilator
1 Tunneler With Sleeve

<table>
<thead>
<tr>
<th>product code</th>
<th>tip-to-cuff cm</th>
<th>tip-to-hub cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>CENF15K</td>
<td>15</td>
<td>20</td>
</tr>
<tr>
<td>CENF17K</td>
<td>17</td>
<td>22</td>
</tr>
<tr>
<td>CENF19K</td>
<td>19</td>
<td>24</td>
</tr>
<tr>
<td>CENF23K</td>
<td>23</td>
<td>28</td>
</tr>
<tr>
<td>CENF27K</td>
<td>27</td>
<td>32</td>
</tr>
<tr>
<td>CENF31K</td>
<td>31</td>
<td>36</td>
</tr>
</tbody>
</table>

Catheter Only

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

<table>
<thead>
<tr>
<th>product code</th>
<th>tip-to-cuff cm</th>
<th>tip-to-hub cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>CENF15C</td>
<td>15</td>
<td>20</td>
</tr>
<tr>
<td>CENF17C</td>
<td>17</td>
<td>22</td>
</tr>
<tr>
<td>CENF19C</td>
<td>19</td>
<td>24</td>
</tr>
<tr>
<td>CENF23C</td>
<td>23</td>
<td>28</td>
</tr>
<tr>
<td>CENF27C</td>
<td>27</td>
<td>32</td>
</tr>
<tr>
<td>CENF31C</td>
<td>31</td>
<td>36</td>
</tr>
</tbody>
</table>

Complete Kit Quantity Requested
Catheter Only Quantity Requested

Ordering Department ___________ Customer Signature ___________ Date ___________

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


Carbothane® is a registered trademark of Lubrizol Advanced Materials, Inc.