



## Common Questions and Answers

### Leaderflex

- Q. What is the insertion method of Leaderflex?**  
A. Seldinger technique, see video on [reducingvenousdepletion.com](http://reducingvenousdepletion.com)
- Q. Are Leaderflex catheters trimmable?**  
A. No
- Q. What lengths are available?**  
A. Leaderflex is offered in four different lengths: 4cm, 6cm, 8cm and 20cm.
- Q. What size is Leaderflex?**  
A. The catheter is a 22GA/2FR.
- Q. Is Leaderflex power injectable/CT rated?**  
A. No
- Q. What medications can be infused?**  
A. Medications that are appropriate for a peripheral vascular access device
- Q. Can I draw blood from Leaderflex?**  
A. Follow organizational policy, assessment, and clinical judgement for blood withdraws
- Q. How often should the dressing be changed?**  
A. The dressing is changed every 7 days and/or as needed, keep dressing dry and intact. If dressing becomes loose, soiled, or wet it must be changed (refer to organizational policy).
- Q. What potential complications could occur post insertion?**  
A. Complications for the Leaderflex are the same as a standard peripheral
- Q. What are the indications for use?**  
A. Leaderflex catheters are indicated for:  
Arterial catheterization  
Central venous catheterization in children  
Peripheral venous catheterization (Midline) in any patient population with consideration given to adequacy of vascular anatomy and appropriateness of procedure.
- Q. Where can I place Leaderflex?**  
A. If used as an EPIV, place in the same veins as a standard peripheral  
If used as a Midline, place in the traditional veins (basilic, brachial and cephalic veins)  
If used as an arterial catheter, place in the radial artery

**Q. Do you recommend placing Leaderflex in the lower arm rather than the upper arm?**

A. It depends on the assessment and type of therapy prescribed.

**Q. What is the material of Leaderflex?**

A. Thermosensitive polyurethane

**Q. How do I educate or inform clinicians about extended dwell catheters?**

A. Place bedside signs and information for the patient's chart  
Use stickers to label the catheter, review documentation  
Refer to [reducingvenousdepletion.com](http://reducingvenousdepletion.com)

**Q. How long can Leaderflex dwell?**

A. Up to 29 dwell days in the absence of signs and symptoms of infection, infiltrate and/or extravasation.

**Q. How was the guidewire length chosen?**

A. The length of the wire was determined so during insertion the clinician has enough wire in the patient as well as enough length to allow the catheter to be threaded over the wire with enough wire left outside the catheter to always maintain control of the wire.

**Q. Can I take blood pressure in the same arm that the Leaderflex is inserted?**

A. No

**Q. How often should I flush Leaderflex?**

A. Before and after each access – flush with 3-5mL 0.9% saline in 10mL syringe. Ensure clamp is closed immediately upon completion of flush.

**Q. What is the priming volume of the Leaderflex?**

| Code                     | Catheter     |            |                     |              |         |                  | Puncture needle |              | Guidewire |              |
|--------------------------|--------------|------------|---------------------|--------------|---------|------------------|-----------------|--------------|-----------|--------------|
|                          | Ext. Ø<br>mm | Gauge<br>G | Flow rate<br>ml/min | Length<br>cm | Ø<br>Fr | Prim. vol.<br>ml | G<br>G          | Length<br>mm | Ø<br>mm   | Length<br>cm |
| <a href="#">1212.04</a>  | 0.7          | 22         | 17                  | 4            | 2       | 0.15             | 21              | 42           | 0.46      | 23           |
| <a href="#">1212.06</a>  | 0.7          | 22         | 14                  | 6            | 2       | 0.16             | 21              | 42           | 0.46      | 23           |
| <a href="#">1212.062</a> | 0.7          | 22         | 14                  | 6            | 2       | 0.16             | 21              | 42           | 0.46      | 40           |
| <a href="#">1212.08</a>  | 0.7          | 22         | 12                  | 8            | 2       | 0.17             | 21              | 42           | 0.46      | 26           |
| <a href="#">1212.082</a> | 0.7          | 22         | 12                  | 8            | 2       | 0.17             | 21              | 42           | 0.46      | 40           |
| <a href="#">1212.20</a>  | 0.7          | 22         | 4.4                 | 20           | 2       | 0.20             | 21              | 42           | 0.46      | 50           |