References

Insertion, Care and Maintenance Classes
Classes designed to teach and support competency in placing and caring for extended dwell IV catheters.

Instructional videos
Instructional video showing the insertion of a Leaderflex using sterile technique.

Evaluation Program
Structured Evaluation Program for evaluating and tracking the success of using extended dwell IV catheters.

Support for ALL Patients
Guides and documents available for use with Neonates to Adults to the Home.

Training, Education and value analysis support tools
Vygon provides a range of tools designed to support best practice in reducing venous depletion.

For further information, please contact: customerservice@vygonusa.com

Ordering Information

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Product Description</th>
<th>Quantity per Case</th>
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<tr>
<td>1212.04</td>
<td>4cm Leaderflex</td>
<td>20</td>
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<td>VYLF1004</td>
<td>4cm Leaderflex with Safety Needle and Grip-lok</td>
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<td>SB04.08</td>
<td>Grip-lok Securement Device</td>
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<td>AMS-9021CP-1</td>
<td>Leaderflex Insertion Tray</td>
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<td>AMS-7200</td>
<td>Dressing Change Kit</td>
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<td>VYAA21G45</td>
<td>4cm 21Gs Safety Needle</td>
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<td>VYAA21G75</td>
<td>7cm 21Gs Safety Needle</td>
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Caregivers with specific education and training have a significantly higher first-time insertion success rate, which has been associated with a lower incidence of failure.1
Leaderflex is a thermosensitive polyurethane catheter that can be used as a peripheral venous catheter in any patient population with consideration given to adequacy of vascular anatomy and appropriateness of procedure. Leaderflex is inserted using Seldinger Technique and has a dwell time up to 99 days.

**LeaderFlex**

- A new tool in the toolbox, the extended dwell peripheral IV catheter is the solution for...

- Current care, requiring additional needlesticks for patients, increased work for clinicians and higher health care costs, is confirmation that an acceptable solution to the problem of optimal peripheral IV care has yet to be found.\(^1\,^2\)

- 60-90% of patients require an IV during their hospital stay, making it the most common invasive procedure.\(^1\,^2\)

- First-attempt insertion is unsuccessful in 12-54% of patients.\(^1\,^3\)

- Repeated insertion attempts lead to vessel trauma and increases subsequent catheter failure, the risk of phlebitis and MRSA bloodstream infections.\(^1\,^4\)

- Studies indicate overall IV failure rate lies between 35-56%, including ultrasound guided placements.\(^1\,^4\)

- Up to 92% of catheters fail before therapy is complete.\(^1\,^4\)

- PICCs are known to be inappropriately used, up to 43%, when a PIV is difficult to access or maintain, increasing risk of CLABSI and DVT.\(^1\,^5\,^6\)

- A new tool in the toolbox, the extended dwell peripheral IV catheter is the solution for...

- We should purposely reduce venous depletion for **ALL** patients because...

- Infusion of Antibiotics, Hydration & Pain Medications

- Reduces Risk Associated with PICC lines (CLABSI & DVT)

- Difficult Venous Access

- There was failure of 90% of catheters

- 21 Ga Safety Introducer Needle

- Echogenic to ensure visualization with ultrasound during insertion

- Thermosensitive Polyurethane Catheter

- Improved performance and lower failure rates than catheters made of other plastics\(^1\)

- Decreases rate of mechanical phlebitis

- Lower incidence of infiltration

- 29 day indication enables dwell times exceeding 72-96 hours

- Small Gauge Catheter (22Ga)

- Greater hemodilution in vessel

- Lower incidence of occlusion

- Lower incidence of phlebitis\(^1\)

- Lower incidence of infiltration

- 29 day indication enables dwell times exceeding 72-96 hours

- Multiple Lengths (4cm, 6cm, 8cm, 20cm)

- Longer catheters have shown decreased failure relative to shorter catheters\(^1\)

- Greater hemodilution

- Patient considerations

- Trimming not needed

- Lower arm placement without entering AC space (area of flexion)

- Integrated Extension and Wings

- Removes handling away from insertion site.

- Wings allow for optimal securement.

- Dedicated Securement Device Grip-Lok

- Increases longevity of catheter and improves outcomes\(^1\)

- Specially designed to fit wings

- Comfortably fits any patient

- Mitigates leaking\(^7\)

- Limits catheter movement

- Leaderflex is a 22 Ga Extended Dwell Peripheral IV Catheter (EPIV)

- LeaderFlex is a thermosensitive polyurethane catheter that can be used as a peripheral venous catheter in any patient population with consideration given to adequacy of vascular anatomy and appropriateness of procedure. Leaderflex is inserted using Seldinger Technique and has a dwell time up to 99 days.

- Seldinger Insertion Technique

- Decreases incidence of failure\(^1\)

- No dilator helps prevent trauma to vein

- No sheath to thread over needle

- Fewer number of attempts leads to patient satisfaction and reduces cost

- 21 Ga Safety Introducer Needle

- Echogenic to ensure visualization with ultrasound during insertion

- Thermosensitive Polyurethane Catheter

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