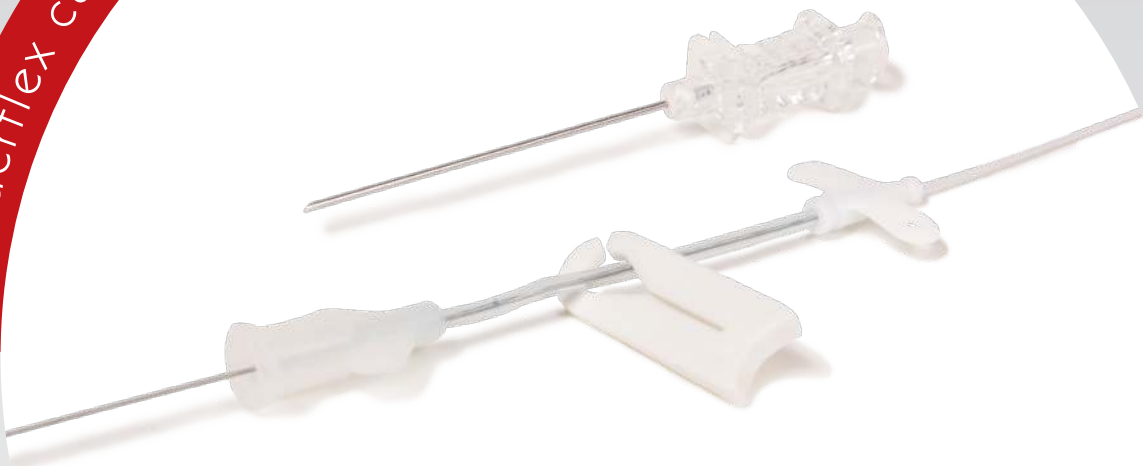




Value Life

Vascular Access
Leaderflex catheter



Leaderflex

Easy to insert catheter for patients who require IV therapy for more than five days

The Leaderflex family of 22 gauge midline catheters offers **superior insertion** and indwelling characteristics.



Seldinger insertion technique

Allows access to smaller palpable/fragile vessels.

Side clamp

For safe line changes.

Clear integral extension with wings

Aids air bubble detection and permits secure catheter fixation, reducing the risk of mechanical phlebitis.

Puncture needle

Echogenic to ensure visualisation with ultrasound during insertion.

Flexible guidewire

Reduces risk of vein trauma.

Leaderflex

Easy to insert catheter for patients who require intravenous (IV) therapy for more than five days

An IV access device that remains in place throughout drug therapy, results in **fewer interruptions to treatment** and **improves the quality of patient care.**

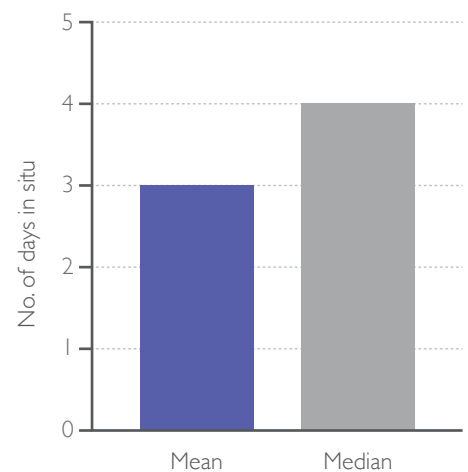
The problem

Peripheral intravenous catheter (PIVC) insertion is one of the most common invasive hospital procedures performed worldwide. It is associated with a variety of complications and a high overall failure rate; both during insertion and when in situ.⁽¹⁾

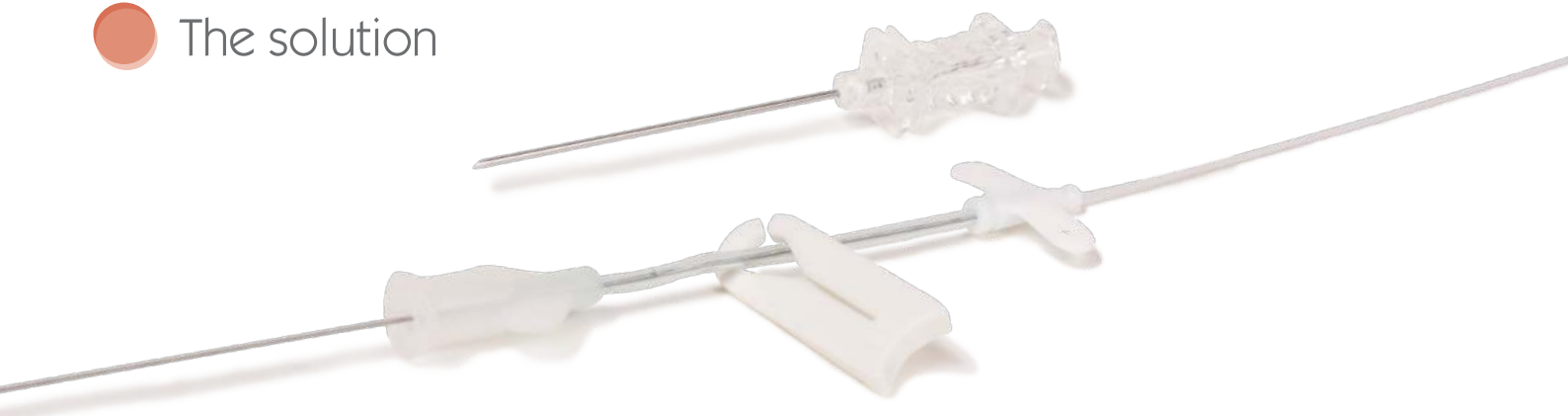
Recent studies and guidelines have suggested that peripheral IV catheters should be replaced only when clinically indicated, in order to reduce both the impact on the patient of re-siting of the cannula but also the costs associated with the cannulation procedure.⁽²⁾ However, despite this, mean dwell times of catheters are still under five days and often much less.⁽³⁾

Typically a course of antibiotics can be prescribed for anywhere up to two weeks, or even longer, meaning the re-siting of PIVCs a number of times if the drugs are required to be administered intravenously⁽⁴⁾. Routine replacement of PIVCs increases healthcare costs and staff workload and requires patients to undergo repeated invasive procedures.⁽¹⁾

Guidance from UK Medicines Information (UKMI) suggests that interruption to antibiotic therapy can lead to 'significant or catastrophic long-term patient impact with ongoing intervention required; long increase in length of hospital stay possible'.⁽⁵⁾



The solution



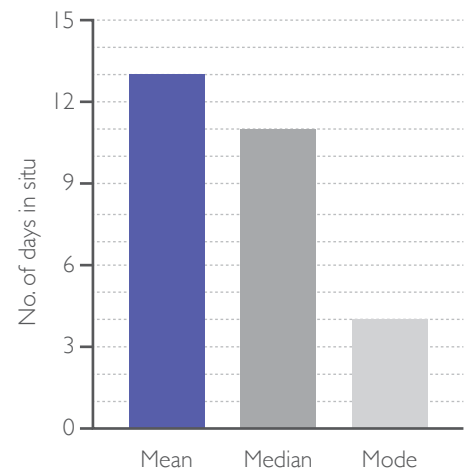
Leaderflex is a radiopaque polyurethane catheter with **fixation wings** and **integral extension tube**. This is an alternative to short IV cannulae for patients who require intravenous therapy for more than five days and can be used for peripheral and arterial catheterisation.

The benefits

Leaderflex midlines are easy to insert, with a success rate of **89%**. They can be left in situ for up to **28 days** and have a low failure rate meaning that there is a reduced likelihood of having to replace the catheter before the completion of the therapy.

The audit also demonstrated that 8cm midlines are an appropriate and cost-effective form of vascular access device for patients requiring IV therapy for more than five days. They are comfortable for patients and preserve other veins in the peripheral circulation.

They are quick and relatively painless to insert, releasing more time for clinicians to provide other aspects of care. ⁽⁶⁾



Implement Leaderflex today

Product Codes		Description					Guidewire Length (cm)	Extension Length (cm)	Unit of Sale
Vygon	NHSSC	Product Description	Size (G)	Length (cm)	Flow rate (ml/min)	ID - OD (mm)			
1212.04	FSQ326	Polyurethane catheter with integral extension	22	4	17.0	0.5 - 0.7	23	4.5	20
1212.06	FSQ327	Polyurethane catheter with integral extension	22	6	14.0	0.5 - 0.7	23	4.5	20
1212.08	FSQ328	Polyurethane catheter with integral extension	22	8	12.0	0.5 - 0.7	26	4.5	20
1212.20	FSQ329	Polyurethane catheter with integral extension	22	20	4.4	0.5 - 0.7	50	10.0	20

Training

and education support tools

Vygon provides a range of tools designed to **support best practice** in the use, care and maintenance of Leaderflex catheters.

Study days

Local and regional educational study days 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 the ANTT approach.

Learning programme

Insertion Structured Learning Programme and Clinical Competency Portfolio for the insertion care and maintenance of extended dwell IV catheters.



Poster

A poster describing the stages to insertion of Leaderflex using the ANTT approach.

If you would like to know more about how to access these resources please speak to your local Vygon representative or contact Vygon on **01793 748800**.

References

1. Rickard, C. et al Routine versus clinically indicated replacement of peripheral intravenous catheters: a randomised controlled equivalence trial. *The Lancet* 2012 vol 380; 1066-1074
2. Loveday, H.P. et al epic3: National Evidence-Based Guidelines for Preventing Healthcare-Associated infections in NHS Hospitals in England. *Journal of Hospital Infection* 2014. 86S1, S1-S70
3. Bolton, D. Clinically indicated replacement of peripheral cannulas. *British Journal Of Nursing* 2014 (IV Supplement) 24, 19. S4-S10
4. Gloucestershire Hospitals NHS Trust Antibiotic Stop/Review Date and Indication Policy 2011 <http://www.gloshospitals.nhs.uk/SharePoint110/Antibiotics%20Web%20Documents/Abx%20stop%20review%20date%20indication%20policy.pdf>
5. UK Medicines Information: NPSA Rapid Response Report: Reducing Harm from omitted and delayed medicines in hospital. A tool to support local implementation 2010
6. Owen, K. The use of 8 cm midlines in community IV therapy *The British Journal Of Nursing* (IV Supplement) 2014. 23, 19. S18-S20

For further information, please contact: vygon@vygon.co.uk

The specifications shown in this leaflet are for information only and are not, under any circumstances, of a contractual nature. This document is intended for use in the UK only.

Vygon (UK) Ltd • The Pierre Simonet Building • V Park • Gateway North
• Latham Road • Swindon • Wiltshire • SN25 4DL
Tel: 01793 748800 • Fax: 01793 748899 • Twitter: @vygonuk
Web: www.vygon.co.uk Content correct as of: 11/2016 Code: DXJB0100012 v1
Copyright Vygon (UK) Ltd 2016

