PICCs and Midlines
Peripherally inserted catheter range

Pre-filled saline syringes now available in all customised packs

vygon@vygon.co.uk www.vygon.co.uk
Outpatient Parenteral Antimicrobial Therapy (OPAT)¹

OPAT services allow patients who are medically stable, and whose only reason for admission is the requirement for IV antibiotic therapy, to be treated in an outpatient setting. The key objective of an OPAT service is to manage patients with infections safely and effectively as outpatients, ensuring their treatment is optimised, appropriately delivered and supervised, and that the risks are minimised.

**Patient benefits:**

- Improved patient satisfaction
- Decreased hospital acquired infections, including Clostridium difficile
- Reduced length of stay in hospital/admission avoidance
- Prevents social/psychological problems associated with admission
- Allows choice of therapy to suit individual needs
- Delivery of care in greater comfort and privacy
- More rapid return to normality, in terms of work and education.

**Hospital/clinician benefits:**

- Reduced inpatient stay, easing bed pressure and allowing bed reduction or reconfiguration
- Improved efficiency of resource use, including impact on waiting times
- Admission avoidance for some infections
- Reduced hospital staff workload
- Consistent specialist infection input into patient care
- Resource for early discharge of patients with healthcare associated infections.

**Delivery of an OPAT service:**

1. Delivery of IV therapy in the home by the patient or relative
2. By a healthcare professional
3. In a clinic (outpatient department)
4. In an intermediate care setting (e.g. GP surgery).

There are a number of examples of where and when an OPAT service can be used, including:

- Skin and soft tissue infections
- Bone and joint infections
- Device related infections
- Endocarditis
- Central nervous system infections
- Bacteraemia
- Wound infections
- Pneumonia
- Pyelonephritis
- Intra-adominal.

**OPAT services already in existence have repeatedly demonstrated that they are cost-effective and provide significant cost savings in the form of bed days.**

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The Vygon range of peripherally inserted catheters provides safe and reliable vascular access. They are intended for use in patients who require mid to long-term IV therapy, and may be used to administer fluids, antibiotics, chemotherapy, parenteral nutrition, pain management drugs, and for blood sampling.

Vygon specialises in vascular access devices made from biostable polyurethane, which offers enhanced mechanical and biochemical stability throughout treatment. Catheters made from polyurethane have the advantage of providing extra stiffness, which aids insertion, and then become soft and pliable at body temperature.

Vygon has been working in partnership with the British Society for Antimicrobial Chemotherapy (BSAC) to develop an OPAT business case modelling toolkit which can help you to introduce an OPAT service in your hospital or Trust. This vital resource is now available to you, and your local Vygon representative can work with you to utilise this. Contact us on 01793 748830 for further information.
**Leaderflex**

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

“We use Leaderflex for patients who require up to four weeks intravenous antibiotic therapy, either within the hospital or their home. It is intended that all of our patients being discharged into the community with intravenous antibiotics have a Leaderflex inserted. The main benefit of Leaderflex insertion is quality of patient care and experience of intravenous therapy – receiving medication on time and not being constantly cannulated. The benefits to the clinicians are the reassurance of constant peripheral access and ease of use. For us, Leaderflex is easy to insert and the care and maintenance of the line is simple. We use Leaderflex for patients in our orthopaedic ward.”

*CNS Educator Intravenous Therapy, Warrington and Halton Hospitals NHS Foundation Trust*

**Lifecath Midline**

Lifecath Midline is intended for use in patients who require mid-long term IV therapy.

“Patients identified as needing non-irritant/non-vesicant intermediate to long-term intravenous antibiotic therapy benefit from the early placement of a Midline. The insertion of a Midline facilitates early discharge for continued antibiotic therapy in the community, as well as reducing the number of patient bed days and the risk of the patient acquiring a healthcare associated infection. A Midline also reduced the number of missed antibiotic doses resulting from unreliable intravenous access, which could result in treatment delays.

Midlines inserted using ultrasound and a micro-introducer technique also provide reliable access for patients who are difficult to cannulate, preventing delayed or missed treatment doses and the need for the insertion of an acute central line or femoral line.

The benefit to the patient is that a Midline avoids repeated painful cannulation attempts and the placement of a Midline in the upper arm is far more comfortable.”

*Intravenous Nurse Specialist, East Surrey Hospital*
Lifecath PICC

Lifecath PICC is intended for use in patients who require mid-long term IV therapy.

“We use the Lifecath PICC for the delivery of chemotherapy and TPN. The benefits to us as users are that the Lifecath PICC provides us with a line that has an indwell time for the duration of the patient’s therapy, and it is a cost-effective solution. For the patients it offers a reduction in complications and the number of cannulations as well as a reduction in the trauma of long-term lines. We like using the Lifecath PICC because it is easy to insert, especially in our team which is a nurse led practice, and it reduces our costs and time.”

Hematology and Gastroenterology Nurse, Manchester Royal Infirmary

PICC/Midline Insertion Pack

Ensuring maximum sterile barrier protection

The Vygon PICC/Midline insertion pack fulfils the current epip2 and Saving Lives guidelines for catheter placement, offering a large fenestrated adhesive drape to minimise the risk of accidental catheter contamination.

Unlike any other company we can provide pre-filled saline syringes in all customised packs
Micro Seldinger Kit

The Micro Seldinger Technique (MST) insertion kit offers **increased accuracy** and can provide a reduction in unsuccessful PICC placement attempts of 64%.

We use Vygon’s PICCs and Midlines with the Micro Seldinger Technique across our Trust. We use our own selection criteria to determine which type of vascular access device is most suitable and the lines are used to administer long-term IV antibiotics, chemotherapy, TPN, blood products, fluids and for blood sampling.

The MST kit is easy to use and allows us to access veins using Ultrasound Guidance (USG) with ease when palpable venous access is proving difficult. High arm placement is also possible using USG and the MST kit providing increased patient comfort and reduces the risk of accidental removal of the line.

**Nitinol guidewire**
Provides accurate atraumatic positioning and eliminates any risk of kinking.

**Echogenic tipped safety needle**
Allows easy access to veins providing improved visibility for ultrasound.

**Locking collar between sheath and dilator**
Eliminates sheath and dilator separation during insertion.

**Grip-Lok™**

Grip-Lok™ is a flexible low-profile PICC and Midline catheter securement device designed for **maximum patient comfort**.

We use Grip-Lok™ for the fixation of PICCs - Midline and Leaderflex catheters. We like using Grip-Lok™ because it lies flat against the patient’s skin and it adheres well to both the skin and the catheter. It provides good securement to all the products we use and as it lies flat there is very little chance of it being knocked or of the catheter becoming dislodged. We use it in combination with a semi-permeable dressing which together provides good securement. We find that alternative devices contain plastic, which we often find have a build up of condensation, which in turn may cause infection. The plastic in these other devices is also very hard and for patient’s with fragile skin this can be a problem and cause pressure areas. We find that Grip-Lok™ doesn’t have these disadvantages which is why we continue to use it.

**Pre-cut foam insert**
Ensures correct catheter positioning and securement.

**Specialist seven day hypoallergenic adhesive**
Holds Grip-Lok™ firmly in position, reducing the risk of catheter dislodgement and migration.

**Lies flat against patient’s skin**
Reducing the chance of the catheter becoming dislodged.

**Unique design**
Easy to apply and adjust with gloved hands.

**Velcro cover**
Easy to remove and easy to re-apply.

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Lead Practitioner – Parenteral Therapies, Royal Derby Hospital

Vascular Access Lead Nurse, Imperial College Healthcare NHS Trust
Education & Training

With the Government’s priority for health, we understand that demands on NHS Trusts are high and we can help our customers meet their training requirements.

Our Sales Executives are educated to a standard that enables them to promote best practice in-line with current requirements.

Training Aids and Resources

We can provide the following:

- **Training Aids and Resources in evidence-based practice guidelines.**
- **Clinical guidelines.** This means that in relation to our products your staff can be updated and informed of changes.
- **E-Learning programmes which give users the opportunity to access education and training 24 hours a day, 7 days a week.**
- **Technical support.** We offer mutually convenient training and technical support.
- **Hands-on training aids - Arin Apron, Chester Chest and Peter PICC - enable patients and clinicians to practice their catheter care and maintenance skills. These are available for workshops or for loan.**
- **We understand that healthcare practitioners need to be updated constantly with high quality education and training, along with relevant research and evidence. We are rising to that challenge by providing a number of e-Learning programmes which give users the opportunity to access education and training 24 hours a day, 7 days a week.**
- **Lifecath Midline e-Learning programme coming soon!**

Contact us for more information 01793 748830

Ordering Information

Leaderflex

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Micro Seldinger Kit

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Grip-Lok™

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References

1. BSAC Outpatient and Parenteral Antimicrobial Therapy (OPAT) Business Case.

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