Leaderflex, Lifecath and Sitimplant
Integrated Product Solutions for Mid to Long Term Vascular Access

Now incorporating Agion Antimicrobial Technology

vygon@vygon.co.uk  www.vygon.co.uk
Mid to Long Term Vascular Access
Integrated Product Solutions

Child to Adult

The Vygon family of mid to long term vascular access devices provides safe and reliable vascular access for all patients from child to adult.

Vascular Access

Vygon specialise in vascular access devices made from the next generation of biostable polyurethane and soft traditional silicone. Whilst silicone catheters remain soft and pliable throughout implantation, catheters made from polyurethane have the advantage of providing extra stiffness to aid insertion and then become soft and pliable at body temperature. The next generation of biostable polyurethane offers enhanced resistance to alcohol and stress-related damage, making them suitable for long term implantation. Vygon have now included the Agion antimicrobial technology throughout our range of Expert catheters for both short and long term use.

The product selection matrix on pages 2 and 3 (below) has been designed as a guide for correct product selection from 9 families of central venous catheters containing over 40 product variations to ensure an optimal match between patient and catheter.

1. Peripheral & central venous vascular assessment. Consider the diagnosis, prognosis, all medical conditions, condition of vasculature which may prevent vascular access e.g. complications from prolonged and repeated peripheral cannulation. Finally consider patient lifestyle.

2. If peripheral access is possible and/or preferred, consider the duration of therapy. Importantly, consider the likelihood of therapy extension or additional therapies as prolonged and repeated I.V. cannulation is time consuming and unpleasant for the patient.

3. Consider the infusate criteria for peripheral lines. Final osmolality <500 mOsmol/L; pH between 5 & 8; and not an irritant or vesicant for continuous infusion.

4. Product selection. Select the insertion site and catheter size which allows rapid dilution of the infusate to reduce the risk of chemical phlebitis. For the complete product specification please refer to the product page specified.

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Vascular Access Device Selection Matrix

**STEP 1**
Patient assessment

- Diagnosis, prognosis, all medical conditions, condition of vasculature, history of VADs.
- Finally consider patient lifestyle.

**STEP 2**
Duration of therapy & need for I.V. access

- Determine length of time I.V. access required. Consider diagnosis and likelihood of therapy extensions or addition of new therapies.

**STEP 3**
Infusate criteria for peripheral lines

- Final osmolarity <500mOsmol/l
- pH between 5 and 8
- Not an irritant or vesicant for continuous infusion

**STEP 4**
Product selection

- Select the insertion site and catheter size which allows rapid dilution of the infusate to reduce the risk of chemical phlebitis.

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**Patient Assessment**

- Is peripheral access possible or desirable?

**STEP 3**

- **SHORT TERM**
  - Up to 1 week
- **MID-LONG TERM**
  - 1 week and above
- **LONG TERM**
  - Duration of therapy

- Does infusate meet criteria for peripheral line?
- Does infusate meet criteria for peripheral line?
- Is body image a priority?
- Is body image a priority?

- **NO**
- **YES**

- **Is a multi-lumen required?**
- **NO**
- **YES**

---

**Infusate**

- **Superior Vena Cava**
  - 20 x 70mm
  - 2-2.5L/min
- **Subclavian**
  - 19 x 60mm
  - 1-1.5L/min
- **Cephalic**
  - 6 x 38mm
  - 150ml/min
- **Basilic**
  - 8 x 240mm
  - 200ml/min

---

**Product selection**

- **Leaderflex** (1212)
- **Lifecath Midline** (1296)
- **Lifecath PICC** (1294)
- **Micro Sitimplant** (2211)
- **Sitimplant** (2291)
- **Single Lumen Lifecath Catheter** (2191 & 2193)
- **Single Lumen Lifecath Expert** (8191 & 8193)
- **Multi-Lumen Lifecath Catheter** (2293 & 2294)
- **Multi-Lumen Lifecath Expert** (8293)

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**Vascular Access VADs**

- **Superior Vena Cava**
  - 20 x 70mm
  - 2-2.5L/min
- **Subclavian**
  - 19 x 60mm
  - 1-1.5L/min
- **Cephalic**
  - 6 x 38mm
  - 150ml/min
- **Basilic**
  - 8 x 240mm
  - 200ml/min

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**Vygon UK Ltd**

- **Mid to Long Term Vascular Access**

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**The Vygon Customer Service team are available during normal office hours on 01285 657051**

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**Technical and support information for all Vygon products and services.**
The Leaderflex family of 22 gauge midline catheters offers superior insertion and indwelling characteristics. Safety features include a slide clamp for safe line changes, a clear integral extension to aid air bubble detection and reinforcement of the catheter/wing junction to help minimise the risk of catheter kinking. Line management is also improved by moving hub manipulation away from the insertion site, thereby reducing the risk of mechanical phlebitis, which can result in premature catheter removal.

Features and Benefits
- Modern polyurethane catheter: enhances stay time
- One piece catheter construction: simplifies insertion
- Flexible guidewire: reduces risk of vein trauma
- Integral extension: reduces hub manipulation from the site of entry
- Primary wing: provides secure catheter fixation
- Secure clamp: ensures safe line changes
- Short 4, 6 and 8cm line for I.V. catheterisation
- 20cm length for midline placement
- X-ray opaque catheter: for confident tip positioning without additional contrast medium

*Leaderflex is manufactured from modern polyurethane which offers superior insertion and indwell characteristics.*

Ordering Information

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*Tested to ISO 10555.

Lifecath Midline is intended for use in patients who require mid-long term I.V. therapy. It may be used to administer fluids, antibiotics and pain management drugs. The catheter is suitable for use with volumetric pump infusors and syringe drivers, provided that the maximum continuous infusion pressures are controlled below 21.75psi (1.5 bar, 1,140mmHg).

Features and Benefits
- Soft thin-wall catheter: firm during insertion, softens at body temperature, which aids insertion, and maximises flow rate and patient comfort
- Depth marked 25cm catheter: aids accurate tip placement
- Removable stylet: for ease of insertion
- Integral extension: limits catheter movement and the risk of phlebitis
- Temporary T-Piece flush port: aids advancement through venous valves
- Supplied with Bionector: provides safe, needle-free access
- Short peelable cannula introducer: provides the additional safety and security of advancing the catheter through plastic
- Grip-Lok™ Catheter Securement Device: is flexible and low-profile for maximum patient comfort; special adhesive holds the catheter securely in place, preventing dislodgement and migration

Ordering Information

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*Tested to ISO 10555.

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Lifecath PICC

Mid to Long Term IV Catheter

Lifecath PICC is intended for use in patients who require mid-long term IV therapy. It may be used to administer fluids, antibiotics, chemotherapy, and pain management drugs. The catheter is suitable for use with volumetric infusion pumps and syringe drivers, provided that the maximum continuous infusion pressures are controlled below 21.75psi (1.5bar, 1,140mmHg).

Features and Benefits

Soft thin wall catheter
- firm during insertion, soft at body temperature, which aids insertion, maximises flow rate & patient comfort

Depth marked 60cm catheter
- aids accurate tip placement

Removable stylet
- provides added stiffness during insertion

Integral extension
- limits catheter movement and the risk of phlebitis

Temporary T-Piece flush port
- aids advancement through venous valves

Supplied with Bionector
- provides safe needle-free access

Short peelable cannula
- reduces dislodgement

Lifecath PICC is now available with MST insertion kit

It may be used to administer fluids, antibiotics, chemotherapy, and pain management drugs. The catheter is suitable for use with volumetric infusion pumps and syringe drivers, provided that the maximum continuous infusion pressures are controlled below 21.75psi (1.5bar, 1,140mmHg).

Kit Contents

1 x Polyurethane catheter
1 x Grip-Lok™
1 x Peelable cannula introducer
1 x MST insertion kit (codes 1294.113, 1294.114, 1294.115, 1294.345 only)

Ordering Information

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Features and Benefits

- Antimicrobial silicone reduces the risk of catheter-related infections
- Lumen size printed on each pigtail for easy identification
- Subcutaneous cuff provides security and reduces the risk of bacterial migration
- Reinforced clamping areas reduce the risk of catheter damage
- Choice of plastic or metal tunnelling rod for user preference
- Secondary fixation wing for extra security

Lifecath Expert offers the first silver integrated, long term cuffed silicone catheter. The slow release of silver ions from the inner and outer surfaces over extended periods ensures long term protection from the most common pathogens that cause device related infections, including gram-negative, gram-positive and fungi.

Features and Benefits

Antimicrobial silicone
- reduces the risk of catheter-related infections

Lumen size printed on each pigtail
- for easy identification

Subcutaneous cuff
- provides security and reduces the risk of bacterial migration

Reinforced clamping areas
- reduce the risk of catheter damage

Choice of plastic or metal tunnelling rod
- for user preference

Secondary fixation wing
- for extra security

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*Slight-HT®

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</tbody>
</table>
Every day we are confronted with regular, recurring exposure to bacteria, fungi and other microbes that threaten our health and well-being.

The press continues to make us aware of the growing health concerns caused by resistant bacteria and infections in hospitals.

Catheter-related bloodstream infections can be caused by cutaneous micro-organisms that contaminate the catheter during insertion or migrate along the catheter track when the catheter is in situ. Micro-organisms from the hands of healthcare workers can also contaminate and colonise the catheter hub during care interventions.

The causes of bloodstream infections:

**Staphylococcus**
Gram-positive bacteria are implicated in more than 50% of infections.

**E-Coil**
Gram-negative bacteria are implicated in 25% to 33% of infections.

**Candida**
Fungi species are implicated in 5% to 7% of infections.

**CATHETER-RELATED BLOODSTREAM INFECTIONS...**

...6000 Cases A Year reported in the UK

Antimicrobial activity of Lifecath Expert is long lasting. After 360 days the catheters are still effective.

In Vivo study... KHARE, et al. 2004, 44th ANNUAL INTERSCIENCE CONFERENCE ON ANTIMICROBIAL AGENTS AND CHEMOTHERAPY, WASHINGTON DC
An evaluation of silver impregnated catheters in adult intensive care units. In 246 CVC insertions over a 14 month period, tip colonisation was significantly lower in the silver impregnated catheters compared to standard polyurethane catheters.

In Vitro study... Antimicrobial activity comparison:
DOW SHAKER ASSAY TEST for 24 hours with LIFECATH EXPERT™

In Vitro study... Antimicrobial activity comparison:
DOW SHAKER ASSAY TEST for 1 year, with Staph. aureus for LIFECATH EXPERT

Electrolytes in the body fluids interact with the ionic silver, which causes a controlled release at a slow and steady rate that effectively maintains an antimicrobial micro-environment throughout the catheter’s inner and outer surfaces.

Antimicrobials:
- **How it Works**
  - Lattice structure of the Zeolite (aluminosilicate)
  - Sodium ions
  - Silver ions
  - The active ingredient used in Vygon’s Expert technology is the patented Agion antimicrobial. Agion is an inorganic compound of elemental silver, which is the active ingredient, ionically bound to an inert ceramic material. The unique Agion antimicrobial delivery system is impregnated throughout the catheter, ensuring a regulated, slow release of silver ions delivering long term protection.

Bacterial Entry Sites
- **Autoinfection**
  - Harmatogenous seeding
- **Exogenous spread**
  - Catheter hub
  - Endo-bacterial colonization
  - Contaminated infusion
- **Patient’s Microflora**
  - Hands of medical personnel
  - Contaminated disinfectants

**SHORT TERM**
- **MID-LONG TERM**
- **LONG TERM**
Long Term Cuffed Silicone Catheter

Features and Benefits

- Extensive range from neonate to adult to meet all your clinical requirements
- Choice of cut-down tray or percutaneous kit offers clinical preference
- Lumen size printed on each pigtail aids identification
- Smooth overmoulded bifurcation reduces risk of clotting and is soft next to the patient’s skin
- Latex-free injection membranes for convenience & safety
- Soft radio-opaque silicone offers high biocompatibility & aids catheter tip verification
- Subcutaneous cuff provides security and reduces the risk of bacterial migration
- Colour coded hubs for quick line identification
- Ability to cut to length enables variable tunnel lengths
- Reinforced pigtails reduce risk of premature breakage
- Convenient clamps for single handed application

Lifecath is available as a cut-down tray or percutaneous kit, depending upon clinical preference.

Percutaneous Kit Contents

- 1 x Cuffed radio-opaque silicone catheter
- 1 x Depth marked guidewire “U” tipped locking introducer
- 1 x Scalpel
- 1 x Seldinger wire
- 1 x Tunnelling rods

9.5Fr double lumen Lifecath product code 2293.095

A well balanced catheter offering superior performance ideal for multiple infusion therapy.

Ordering Information on following page

Ordering Information

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<td>100</td>
<td>900 N/A</td>
<td>500 N/A</td>
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Single Lumen Lifecath Out-Cut Tray - Cuffed silicone single lumen catheter supplied with malleable tunneling rod & latex free injection membrane

| 2193.96    | 750/120  | 9.6/3.2     | 1.60            | 60/1.65        | 1                  | 0.20               | 100        | 900 N/A            | 500 N/A                  | 2194.07 N/A              | N/A            | N/A            | N/A                    |

Double Lumen Lifecath Cut-Down Tray

- Cuffed silicone single lumen catheter supplied with malleable tunneling rod & latex-free injection membrane.

| 2293.090 FSU123 9.0 3.00 | 900 N/A            | 500 N/A                  | 2194.07 N/A              | N/A            | N/A            | N/A                    |
| 2293.070 FSU122 7.0 2.35 | 900 N/A            | 500 N/A                  | 2194.07 N/A              | N/A            | N/A            | N/A                    |
| 2293.050 FSU120 5.0 1.70 | 900 N/A            | 500 N/A                  | 2194.07 N/A              | N/A            | N/A            | N/A                    |
| 2293.030 FSU115 4.2 1.40 | 900 N/A            | 500 N/A                  | 2194.07 N/A              | N/A            | N/A            | N/A                    |

Single Lumen Lifecath Out-Cut Tray - Cuffed silicone single lumen catheter supplied with malleable tunneling rod & latex free injection membrane.

| 2193.96    | 750/120  | 9.6/3.2     | 1.60            | 60/1.65        | 1                  | 0.20               | 100        | 900 N/A            | 500 N/A                  | 2194.07 N/A              | N/A            | N/A            | N/A                    |

Pigtail Repair Kit

Complete catheter repair kit

9.5Fr double lumen Lifecath product code 2293.095

A wall balanced catheter offering superior performance ideal for multiple infusion therapy.

Ordering Information on following page

9.5Fr double lumen Lifecath product code 2293.095

A well balanced catheter offering superior performance ideal for multiple infusion therapy.
Silicone Encased Titanium Implantable Port

Standard & Mini Sitimplant

Features and Benefits

- Lightweight port for maximum patient comfort
- Soft radio-opaque silicone outer casing compatible with MRI & CT imaging
- Titanium inner casing gouge resistant which prevents damage to the inner casing
- High performance silicone membrane for maximum needle retention & durability
- Contoured septum aids port location for safe needle access
- Atraumatic connecting sleeve prevents catheter kinking
- Depth marked 60cm soft traditional silicone catheter for accurate catheter tip location
- 10Fr catheter option suitable for high flow applications
- 3Fr catheter option suitable for paediatrics

Micro Sitimplant delivers all of the safety and security advantages of an implantable port with the lowest possible profile in order to maintain a positive patient body image.

- Stable base prevents port wobble
- Lightweight titanium port keeps the profile as low as possible
- Soft biocompatible silicone catheter for extended dwell time
- Depth marked silicone catheter for accurate tip placement
- Choice of catheter size for either arm or chest placement
- Excellent radiopacity even with small catheter diameter
- Gouge resistant titanium chamber resists needle damage
- Contoured septum for reliable port location
- Atraumatic safety collar prevents catheter kinking
- High performance silicone membrane for maximum needle retention
- Supplied with a Huber type needle & Bionector for safe, needle-free access

Port Specification

- Standard Sitimplant
  - High density silicone septum
  - Minimum 1,300 punctures
  - Weight 11g
  - Priming volume 0.51ml
  - Height 13.5mm
  - Overall diameter 32mm

- Mini Sitimplant
  - High density silicone septum
  - Minimum 630 punctures
  - Weight 4.3g
  - Priming volume 0.20ml
  - Height 10.5mm
  - Overall diameter 23mm

Port Specification

- Micro Sitimplant
  - High density silicone septum
  - Minimum 500 punctures
  - Weight 3.5g
  - Priming volume 0.17ml
  - Height 8mm
  - Overall diameter 19mm

Ordering Information

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Titanium Implantable Port

Low-profile titanium implantable port with large septum to facilitate location by palpation and puncture of the septum. Suitable for all patients.

Features and Benefits
- Lightweight port for maximum patient comfort
- Titanium casing gouge resistant which prevents damage to the inner casing compatible with MRI & CT imaging
- High performance silicone membrane for maximum needle retention & durability
- Contoured septum aids port location for safe needle access
- Atraumatic connecting sleeve prevents catheter kinking
- Depth marked 60cm soft traditional silicone catheter for accurate catheter tip location

Port Specification

Standard Sitimplant
- High density silicone septum
- Minimum 1,300 punctures
- Weight 10.5g
- Priming volume 0.47ml
- Height 11mm
- Overall diameter 24mm

Mini Sitimplant
- High density silicone septum
- Minimum 630 punctures
- Weight 8g
- Priming volume 0.27ml
- Height 10mm
- Overall diameter 24mm

Ordering Information

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<thead>
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Mini Titanium Implantable Port

Low-profile titanium implantable port with large septum to facilitate location by palpation and puncture of the septum. For the larger patient.

Features and Benefits
- Lightweight port for maximum patient comfort
- Titanium casing gouge resistant which prevents damage to the inner casing compatible with MRI & CT imaging
- High performance silicone membrane for maximum needle retention & durability
- Contoured septum aids port location for safe needle access
- Atraumatic connecting sleeve prevents catheter kinking
- Depth marked 60cm soft traditional silicone catheter for accurate catheter tip location

Port Specification

Mini Sitimplant
- High density silicone septum
- Minimum 630 punctures
- Weight 8g
- Priming volume 0.27ml
- Height 10mm
- Overall diameter 24mm

Ordering Information

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Hubsite, Inject-Site, Desilet and Perfusafe

**Hubsite**
Infusion device with Huber type bevel for implantable ports.

- Huber type needle curved to 90° with wings and flexible polyurethane extension tube (length 30cm) with clamp. Presented in a rigid blister pack.

**Perfusafe**
Safety infusion device with Huber type bevel for implantable ports.

Perfusafe prevents needle-stick injuries caused by the rebound effect when withdrawing a Huber needle from an implantable port. The needle is automatically directed into a safety block offering total protection for healthcare workers. Flexible polyurethane tube (length 30cm) with clamp. Perfusafe is supplied with a removal protection pad which is available separately sterile under code 5801.01.

**Desilet**
Catheter introducer with peel-away sheath.

**Inject-Site**
Needle (straight or pre-shaped to 90°) with Huber type bevel for injections into implantable ports.

---

### Ordering Information

#### Hubsite

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#### Desilet

- For Catheter: Fr | OD (mm) | Length (mm) | Sheath: Fr - OD (mm)
- Vygon Code: For Catheter | Sheath

#### Inject-Site

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**Kit Contents**
- 1 x Introducer needle - Length 70mm - ID - 1.06mm x OD - 1.26mm
- 1 x ‘J’ Guidewire - Length 53cm - OD - 0.97mm
- 1 x Desilet with peel-apart sheath
- 1 x 10ml Syringe
Grip-Lok™ is a flexible low-profile PICC and Midline catheter securement device specifically designed for maximum patient comfort.

✔ Simple
Grip-Lok™ is applied in the same simple manner as a bandage, and can be easily placed and adjusted.

✔ Cost Effective
Engineered for durability, Grip-Lok™ holds better than tape and helps prevent dislodgement and migration. This reduces the risk of lost lines, and the associated catheter replacement costs.

✔ Versatile
Grip-Lok™ can be used with Vygon Lifecath PICCs, Midlines, Leaderflex and other winged catheters.

Features and Benefits
- **Hypoallergenic tape**
  - reduces the risk of rashes and skin irritation
  - allows the patient’s skin to breathe
- **Unique design**
  - easy to apply and adjust with gloved hands
  - flexible for maximum patient comfort
- **Specialised adhesive**
  - holds Grip-Lok™ firmly in position, reducing the risk of catheter dislodgement and migration
- **Self-gripping fastener**
  - secures the catheter in place, and allows for easy removal
- **Pre-cut foam insert**
  - ensures correct catheter positioning
- **Low-profile**
  - ensuring maximum patient comfort

Ordering Information

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The Vygon PICC insertion pack fulfills the current epic2 and High Impact Interventions No.1 guidelines for central catheter placement, offering a large sterile base and patient drapes to minimise the risk of accidental catheter contamination. Vygon also offers a customisation service that allows you to create an insertion pack to accommodate your own procedural requirements.

**Kit Contents**

- 1 x Tray
- 3 x Green prep forceps
- 2 x Syringes 10ml
- 1 x 6 Steristrip sutures
- 1 x Filter straw
- 1 x Pair of scissors
- 1 x Yellow disposal bag
- 1 x VENE-K tourniquet
- 1 x Chloraprep® 3ml applicator
- 15 x Swabs 7.5 x 7.5cm, 8ply
- 1 x Outer wrap
- 1 x PICC underarm drape 75 x 90cm
- 1 x Aperture drape 100 x 100cm with adhesive

**Customisation of Packs**

Example items which can be added to your pack to fit with the specific needs of the clinician.

- Swabs
- Ancillary items
- Hypodermic needles
- Ultrasound probe cover and gel
- Lifecath PICC
- MST

**Ordering Information**

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Customised PICC insertion Packs provide the option of designing a particular pack to fit with the specific needs of the clinician.

Please ask your local Sales Executive for more information.
The Micro Seldinger Technique (MST) insertion kit offers enhanced placement and safety. An echogenic-tipped needle provides enhanced visibility during ultrasound guided placement, whilst the locking sheath dilator gives smooth transition, minimising vessel trauma during insertion. The Vygon MST kit comes with an anti-kink nitinol guidewire for accurate atraumatic positioning.

**Features and Benefits**

- **Vygon safety Seldinger needle**: provides ultimate protection from needlestick injuries
- **Echogenic tipped needle**: provides improved visibility for ultrasound placement
- **Smooth transition from dilator to introducer**: minimises trauma to vessel
- **Nitinol guidewire**: provides accurate atraumatic positioning and eliminates any risk of kinking
- **Locking collar between sheath and dilator**: eliminates sheath and dilator separation during insertion

<table>
<thead>
<tr>
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**Ordering Information**

1 x Ultrasound probe cover (Polyethylene) - code: 1460VC only
1 x Ultrasound probe cover (Polyurethane) - code: 2450VC only
1 x Ultrasonic transmission gel
1 x Latex-free elastic band
1 x Larger outer wrap

National Institute for Clinical Excellence
"Two-dimensional (2-D) imaging ultrasound guidance is recommended as the preferred method for insertion of central venous catheters (CVCs) into the internal jugular vein (UV) in adults and children in elective situations."[1]
Ensuring Maximum Sterile Barrier Protection

Features and Benefits

Standardisation
one pack for CVC line insertions and you can use with the CVC line of your choice.

Reduced set-up time
all components you need in one convenient pack.

Large full body drape
maximum barrier precautions reduce the risk of infection.

Transparent window
allows you to see the patient and landmarks for CVC insertions.

Kit Contents

1 x Tray
1 x Large gown
15 x Swabs 7.5 x 7.5cm, 8ply, white
1 x Maximum barrier peelable drape with transparent centre aperture 140 x 100cm
2 x 10ml Syringes
2 x Hand towels
1 x Sharps disposal pad
1 x Chloraprep® 3ml applicator
1 x Hypodermic needle 21G - 1½”

Ordering Information

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Customised CDC Maximum Sterile Barrier Protection Packs provide the option of designing a particular pack to fit with the specific needs of the Clinic.

Please ask your local Sales Executive for more information.

Temporary Central Venous Catheter

Features and Benefits

Antimicrobial polyurethane (PUR) reduces the risk of catheter related infections (6,7)

Soft thin-walled catheter maximises flow rate, reduced risk of vessel damage

Wide choice of catheters enables an accurate match between patient and catheter

Choice of 3, 4 or 5 lumen allows continuous uninterrupted therapy

Tapered atraumatic tip reduces risk of vessel trauma

Colour-coded hubs aid line identification

Secure slide clamps reduce the risk of accidental air embolus and blood spillage during IV line changes

Flexible ‘J’ guidewire with advancer system aids insertion & reduces the risk of vessel trauma

X-ray opaque catheter for confident tip positioning

Latex-free injection membranes for convenience and safety

Vygon offers one standard set of components with six different central venous catheters. You choose the catheter you require...

Sven-Ivar Seldinger

“My technique was the result of an idea ... Vygon have developed that idea with skill and innovation, resulting in an excellent product which I highly recommend.”

Ordering Information

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“Using maximal sterile barrier precautions during CVAD placement will significantly reduce the risk of infection.”(5)

High Impact Intervention No 1: “Preventing the risk of microbial contamination. Aseptic Technique: gowns, gloves and drapes as indicated should be used for the insertion of invasive devices.”(5)
VYGON education & training materials are available for loan, and can be obtained via your local Sales Executive or through our Customer Services team. If you are looking to extend the skills of individual members of your team, Vygon are able to run small I.V. workshops which are tailor-made to meet individual needs and expectations.

The following items are also available as part of our ongoing commitment to Education & Training:

**Product specific workshops**
Small I.V. workshops which are tailor-made to meet individual needs and expectations. They are classroom based and combine lectures with “hands-on” opportunities, using videos, slides and training mannequins.

**An introduction to PICC placement workshop**
A personalised three hour workshop designed to extend the skills of existing I.V. practitioners, combining the theory and practical elements involved in PICC placement.

**“Hands on” training aids**
These aids enable patients and clinicians to practice their catheter care and maintenance skills. They are available for workshops or loan.

**Policies and Procedures**
A short “hands-on” workshop which can be run at a departmental level and is suitable for anyone involved in the care, repair and maintenance of cuffed catheters.

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**References**


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