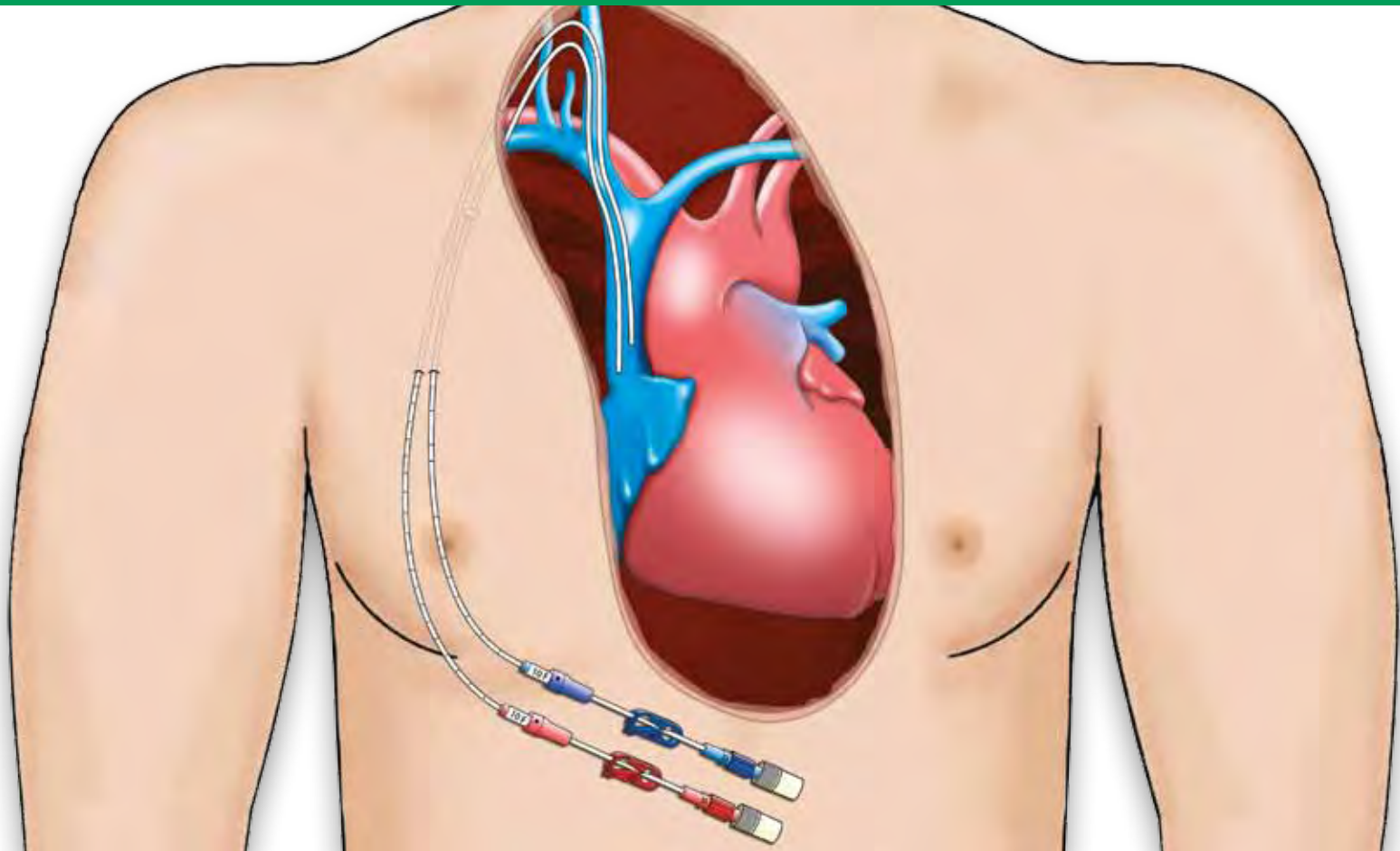


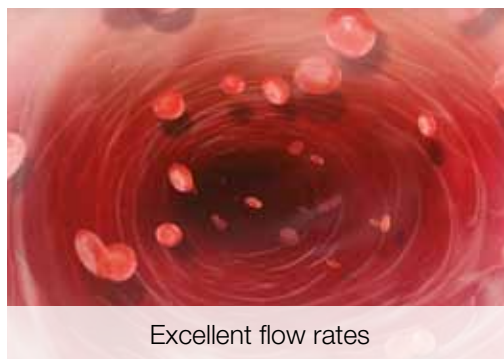


# Lifecath Twin & Dualyse/Trilyse

Permanent and Temporary Renal Catheters



Accurate locking dose



Excellent flow rates



Safe connections

# Product Information

## Lifecath Twin Permanent Dialysis Catheters



Lifecath Twin is a radiopaque polyurethane catheter with a unique lockable extension and a Dacron cuff. Lifecath Twin is designed for acute and chronic haemodialysis and offers safe, reliable vascular access.

### Kit contents

2 x 52cm 10Fr Catheters	2 x 11Fr Sheath dilators
2 x 18G Introducer needles	2 x Tunnelling rods
2 x Tunnelling rod extensions	2 x Spare clamps
2 x Catheter sleeves	2 x Injectable caps
2 x 'J' tip guidewires	1 x 6Fr Sheath dilator
1 x Arterial extension (red)	1 x Instructions for use
1 x Venous extension (blue)	2 x Spare Lifecath lock sleeves
1 x Scalpel	

### Features and benefits

**Unique Lifecath Twin hub**  
Provides safe connection of extension and hub ensuring security and peace of mind

**Catheter markings**  
Assists in the accurate placement of the catheter tips

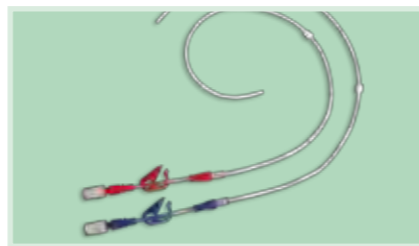
**Permanent priming volumes printed on catheters**  
Gives accurate locking doses, reducing the risk of catheter occlusion and inadequate locking volumes

**Complete insertion kit**  
Everything you need to insert the catheter

**Removable clamps**  
Enables you to replace damaged clamps

**Two free floating lumens**  
Maximising flow rates, minimising re-circulation, enhancing dialysis

**Range of sizes**  
Meets clinicians needs



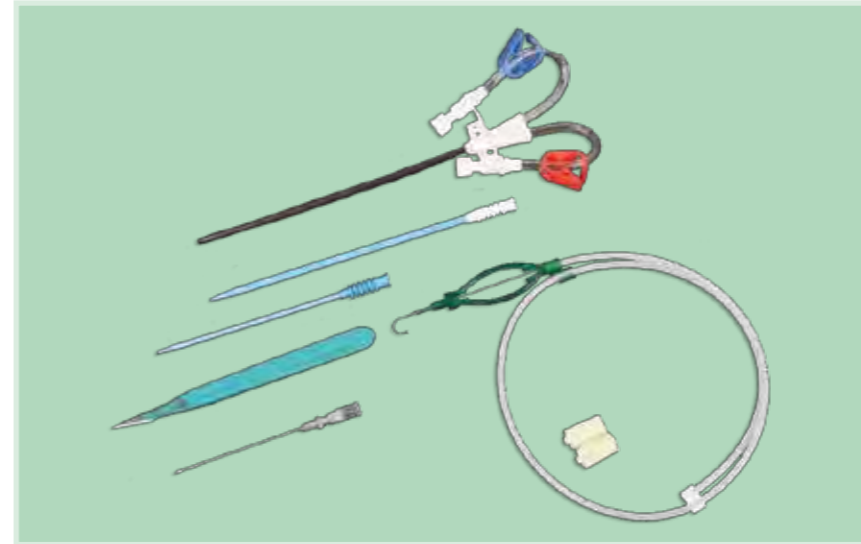
### Ordering information

Product codes	Catheter information						Unit of sale
	Product description	Size (Fr)	Length (cm)	Arterial cuff placement (cm)	Venous cuff placement (cm)	Flow rate (ml/min) *	
1276.200S	Lifecath Twin	10	52	18	21	473	10
1276.201R	Lifecath Twin	10	52	22	25	473	10
1276.202L	Lifecath Twin	10	52	27	30	473	10
1277.01	Lifecath Twin Arterial Repair Kit	N/A	N/A	N/A	N/A	N/A	10
1277.02	Lifecath Twin Venous Repair Kit	N/A	N/A	N/A	N/A	N/A	10

\* Tested at 0.4 bar pressure

# Product Information

## Dualyse/Trilyse Expert™ Temporary Dialysis Catheters



Dualyse/Trilyse Expert™ acute renal catheters are proven to be effective against the most common pathogens causing device-related infections, including gram negative and gram positive bacteria and fungi.

### Kit contents

1 x Expert Dualyse or Trilyse catheter	1 x Dilator 12Fr, 140mm length
1 x Wishbone guide 0.96mm, 600mm	1 x Needle 17G x 70mm
2 x Injection membranes	1 x Instructions for use
2 x Luer lock stoppers (Dualyse Expert™ only)	2 x Patient history labels
2 x Dual end stoppers (Trilyse Expert™ only)	
1 x Scalpel	

### Features and benefits

**Antimicrobial polyurethane**  
Reducing the risk of catheter-related infections<sup>(1)</sup>

**Multiple eyelet design**  
Provides unrestricted blood flow

**Thermosensitive polyurethane**  
Aids insertion & enhances stay time

**Depth marked catheter**  
Assists in the accurate placement of the catheter tip

**Rotation wing**  
Permits catheter tip re-positioning during use

**Soft rounded atraumatic tip**  
Reduces the risk of accidental vessel damage

**Colour-coded clamps**  
Aids line identification

**Pigtail clip for dual positioning**  
Reduces stockholding  
Minimises the risk of kinking



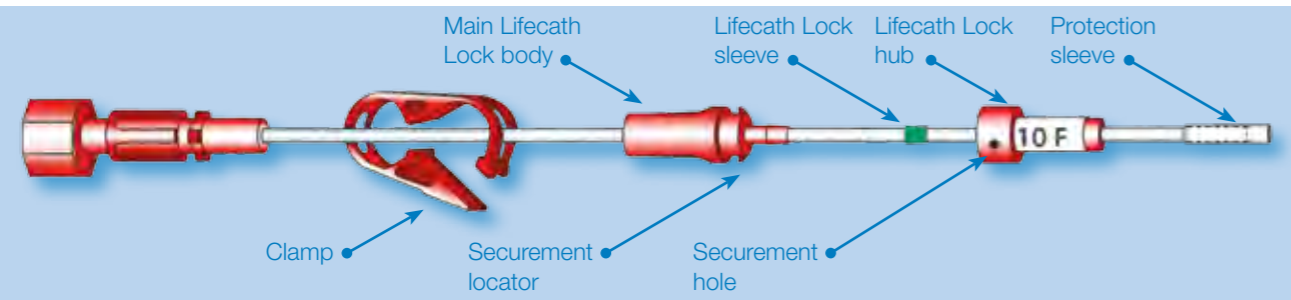
### Ordering information

Product codes	Catheter information				Lumen gauge (G)			Flow rate (ml/min)			Priming volume (ml)			Unit of sale
	Vygon	NPC	Product description	Size (Fr)	Length (cm)	Prox.	Med.	Dist.	Prox.	Med.	Dist.	Prox.	Med.	
8139.52	FSY039	Trilyse Expert	12	20	11	12	16	290	220	50	1.5	1.3	0.6	10
8139.51	FSY036	Trilyse Expert	12	15	11	12	16	320	250	55	1.3	1.1	0.4	10
8139.92	FSY126	Dualyse Expert	12	20	11	N/A	11	390	N/A	390	1.4	N/A	1.5	10
8132.91	FSY125	Dualyse Expert	12	15	11	N/A	11	410	N/A	410	1.2	N/A	1.3	10
8132.13	-	Dualyse Expert	12	24	11	N/A	11	370	N/A	370	1.8	N/A	1.8	10

# Insertion Technique

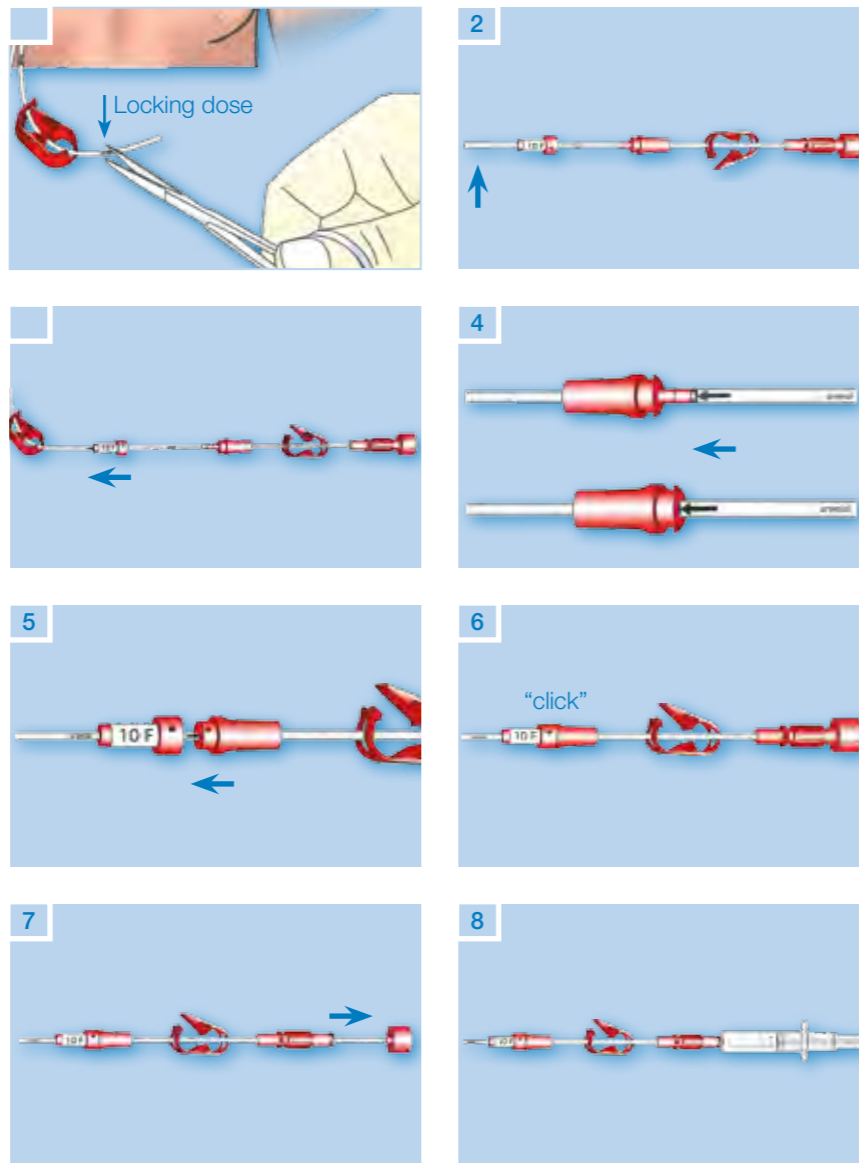
## Lifecath Lock

### Overview diagram



### Step by step guide

1. Cut the catheter above the clamp at the required length and locking dose.
2. Remove the white protection sleeve.
3. Insert the metal rod into the catheter (ensuring the green Lifecath Lock sleeve is in place). Then slide the Lifecath Lock hub onto catheter.
4. Slide the line onto the rod until the green Lifecath Lock sleeve is covered and the line is completely flush with the main Lifecath Lock body.
5. Then slide the Lifecath Lock hub over the catheter to meet the main body.
6. Line up the securement hole with the securement locator and push until a "click" is heard.
7. Remove metal rod ensuring the line is clamped post-removal.
8. Withdraw blood to ensure catheter patency and air removal. Flush and hep-lock the line as per hospital protocol.



# Product Information

## CVC Insertion Pack



### Features and benefits

- Standardisation**  
One pack for CVC line insertions  
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

### epic2 2007

"Using maximal sterile barrier precautions during CVAD placement will significantly reduce the risk of infection."<sup>(2)</sup>

**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."<sup>(3)</sup>

### Kit contents

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



### Ordering information

Vygon code	NPC code	Product description	Unit of sale
0P0199686PH	FSQ565	CVC insertion pack	8



Customised CVC 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.

## Product Information

### Ultrasound Probe Cover & Gel



#### Features and benefits

##### Designed to fit most ultrasound probes

Universal application

##### All components you need in one convenient pack

Reduced set up time and cost-effective

##### Extends to cover the ultrasound cable

Maintaining a sterile environment and reducing contamination

##### Unique fold

Ensuring an easy application

##### Latex-free

Safe to use

#### 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 (IJV) in adults and children in elective situations.”<sup>(4)</sup>

#### Kit contents

- 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

#### Ordering information

Vygon code	NPC code	Product description	Size (cm)	Unit of sale
1460VC		Ultrasound probe cover and gel (Polyethylene)	15 x 121.9	24
2450VC		Ultrasound probe cover and gel (Polyurethane)	14 x 121.9	24



## Vygon Education and Training

### Product and Technical Support

We provide continual product support for healthcare professionals by offering mutually convenient complementary training and technical support. The following items are also available as part of our on-going 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 and are available for workshops or loan.

#### Training Videos “A Guide to...”

The Vygon series of training videos have been made by healthcare professionals and have been designed to guide the new user through the essential elements of insertion, care and maintenance of our products.

Pictured to the right is a small selection of support material available to users.

For further information on any of the above please contact us on 01285 657051 or email us at [vygon@vygon.co.uk](mailto:vygon@vygon.co.uk)



## Reference

1. **H.Loertzer et al.** Use of catheters with the AgION Antimicrobial system in kidney transplant recipients to reduce infection risk. *Transplantation Proceedings*; **38**, 707-710 (2006)
2. **Pratt R. J., et al.** (2007) epic2: National evidence-based guidelines for preventing healthcare-associated infections in NHS hospitals in England. *Journal of Hospital Infection*. **65S**, S33.
3. (2005) Saving Lives: A delivery programme to reduce Healthcare Associated Infection including MRSA. High Impact Intervention No.1. Preventing the risk of microbial contamination. *Department of Health*.
4. (September 2002) Guidance on the use of ultrasound locating devices for placing central venous catheters. *NICE Technology Appraisal Guidance No.49, National Institute for Clinical Excellence*.



Vygon (UK) Ltd

Web: [www.vygon.co.uk](http://www.vygon.co.uk)

Email: [vygon@vygon.co.uk](mailto:vygon@vygon.co.uk)



ISO 14001  
Produced at a mill that holds  
ISO 14001 certification

This brochure has been printed using environmentally-friendly processes, on paper from well-managed sources, and can be recycled. If you would like to receive an electronic copy, please contact the Vygon Customer Services team on 01285 657051.



0039.LIFE-TWIN - Content correct as of 04/09