References


2. Thirteen centimetre central venous catheters, lucky for all? W. C. Russell, J. L. Parker; W. C. Russell, Leicester Royal Infirmary, Leicester LE1 5WW, UK


4. Dr Jorg Schierholz MD (2011) Summary of the issues associated with catheter related bloodstream infections with special consideration to catheters incorporating Rifampin and Miconazole

5. Journal of antimicrobial chemotherapy: Reduced colonisation and infection with miconazole-rifampicin modified central venous catheters: a randomised controlled clinical trial


All references are available on request.
Vygon offers a wide range of central venous catheters (CVCs) that provide safe and reliable vascular access. This range of catheters is intended for use in patients who require short-term acute IV therapy.

Clinicians can now choose from the following:

- A selection of catheter lengths 12.5cm - 20cm
- A selection of lumen configurations
- VYSET® custom packs
- New sharp safe products
- Antimicrobial technologies

With our complete range of high quality CVCs you can choose the right catheter for the right patient with care and confidence.

The complete central venous catheter range

Choose your catheter with care

A recent medical device alert from the MHRA stated:

Medical Device Alert MDA/2012/048

Risk of severe anaphylactic reaction if central venous or haemodialysis catheters including chlorhexidine or silver sulfadiazine are used in patients with an allergy to chlorhexidine, silver sulfadiazine and/or sulfa drugs.1

Choose your catheter with confidence

Vygon’s complete range of high quality central venous and haemodialysis catheters are:

- Chlorhexidine-free
- Silver sulfadiazine-free
- Safety - bloodless system
- Optimum length of 12.5cm
- Increased access - quin lumen

Offering antimicrobial action, without doubt of anaphylaxis post catheter insertion

Multicath Expert Agion technology
Multistar+ Antibiotic incorporated

Contents

- Multicath Expert & 12.5cm quin lumen catheter
- Dualyse/Trilyse
- Multistar+
- Multicath Forward
- Ordering Codes
- VYSET® Custom Packs
Multicath Expert

Silver Ion Impregnated

Choose your catheter with confidence

The Multicath Expert range of acute CVCs uses a chlorhexidine-free, effective long lasting Agion silver ion release technology. This achieves broad antimicrobial protection against gram negative and gram positive bacteria and fungi.

Choose your catheter with care

The new 12.5cm quin lumen Multicath Expert catheter allows increased access through the extra lumen. In addition it can reduce the risk of catheter migration and infection as the catheter is fully inserted, and there is no need for a secondary fixation of the device.

It has been reported that placing right-sided CVCs to a maximum of 13cm virtually eliminates the risk of the catheter tip being intra-cardiac.6

For right-sided access, it was suggested by consultants at Leicester Royal Infirmary that a 12.5cm catheter should be used. Vygon has produced this catheter as a result of previous observations.3

Chlorhexidine-free

the low silver release doses are far below local toxicity levels. There have been no reported reactions to Agion technology.

New 12.5cm quin lumen Multicath Expert

allows full catheter insertion, reducing the risk of catheter migration, infection and erosion, or perforation associated with intra-cardiac placement.

Long lasting
effective up to 30 days reducing catheter exchanges for long-term ITU patients.

Vygon provides us with an excellent product with the added benefit of a customised insertion pack, and we have had good experiences with the central catheters and packs. Vygon offers excellent customer service - particularly with regard to the development of the new 12.5cm 5 lumen lines, which we were keen to use and are now available.

Consultant Anaesthetist, Victoria Hospital, Kirkcaldy, Fife

Dualyse and Trilyse Expert are Vygon’s double and triple lumen temporary dialysis catheters, offering the same Agion antimicrobial protection found in the Multicath Expert range.

New extension clip

preventing extension sets from kinking, therefore maintaining continuous flow and avoiding occlusions within valuable haemodialysis filters.

Rotating collar

allowing in situ catheter rotation, avoiding occlusion of proximal exit holes against vessel wall.

Choose your catheter with care & confidence

Vygon (UK) Ltd

 Vygon (UK) Ltd
Multistar+ Antibiotic Incorporated

Choose your catheter with care

Multistar antibiotic incorporated, chlorhexidine-free CVCs are for your patient groups who are particularly vulnerable to catheter-related bloodstream infections.

The combination of Rifampicin and Miconazole leads to protection against a broad spectrum of microorganisms such as Staphylococci, Enterobacterial and Candida.4

Choose your catheter with confidence

A CVC that has been supersaturated with Rifampicin and Miconazole was associated with significantly lower risk for catheter colonisation and catheter related infections compared to standard catheters.5

Resistance?

Antibiotic resistance is unlikely, as a pharmacokinetic analysis conducted by Rump et al. concluded that the maximum systemic antibiotic concentration which can be caused by the catheter is 10% below the minimal inhibiting concentration, and so can build absolutely no resistance pressure.6

Segmentation of patients requiring an acute CVC

- Multistar + Rifampicin and Miconazole incorporated antibiotic catheters
- Multicath Expert Silver impregnated Agion antimicrobial catheter
- Multicath Forward PUR catheters
- Critical care patients
- Elective theatre patients

Resistance?

Bloodless system connects to the puncture needle provides maximum protection against blood loss and air embolism.

Choose your catheter with care & confidence

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**Multicath Forward**

Choose your catheter with care and confidence

The Multicath Forward range of short-term acute CVCs offer the simplicity of a high quality polyurethane catheter for use in patients requiring central venous access. With a wide variety of catheter lengths and lumen configurations, there is a solution for every patient scenario.

**Ordering Codes**

New improved atraumatic tip soft, flexible design allows smooth transition over the guidewire whilst reducing the potential for internal vessel trauma.

**Multistar+**

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A VYSET custom pack allows you to create a high quality pack to match your local protocol, incorporating all the items you need. VYSET custom packs promote standardised insertion procedures, ensuring maximum barrier precautions and reduced risk of infection, ideally suited for many therapy areas.

Saving time and money

Vygon’s bespoke CVC custom packs not only come with excellent service but also offer a value for money solution. The lines are easy to use and the insertion packs are excellent practically because they come with all the components, such as skin prep, that we know are needed to be compliant to Saving Lives and infection control procedures, saving us nursing and OPD time. We are very happy with the long-term relationships we have built up with our local Vygon representatives and the CVC custom packs are ideal for what we want and need.

Lead Consultant ITU, Part of Mid Trent Critical Care Network

“Central Venous Catheters

Explore our CVC pack in more detail

Central Venous Catheters

Vygon (UK) Ltd

Automation Pack

Bionector®}

BIOPATCH®

ChloraPrep®

Sharps safety

Customised documentation

Peelable drape (not perforated)

Pre-filled saline syringe

Catheter

Vygon (UK) Ltd