

# VASCULAR ACCESS

PERIPHERALLY INSERTED  
CENTRAL VENOUS  
CATHETER

**maxflo** expert

PRODUCT GUIDE

325 psi  
Up to 7 ml/s



Value Life

## WHY CHOOSE VYGON?



**OVER  
60  
YEARS  
EXPERIENCE**

## **PATIENT CARE** LIES AT THE HEART OF WHAT WE DO



**CLINICAL  
EXPERTISE**



**PLANET  
MARK  
CERTIFIED  
BUSINESS**

MORE THAN  
**100 MILLION**  
PRODUCTS IN  
**110 COUNTRIES**



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## OUR SERVICE OFFERING



### **Customer Service & Technical Support**

Talk through your enquiry with our dedicated Teams.



### **Education & Training**

We offer our customers a variety of valuable and comprehensive training options to help you and your teams meet your training requirements.

## MAXFLO EXPERT & HIGH FLOW APPLICATIONS

### Vygon strives to provide clinicians and patients with vascular access products of the highest quality.

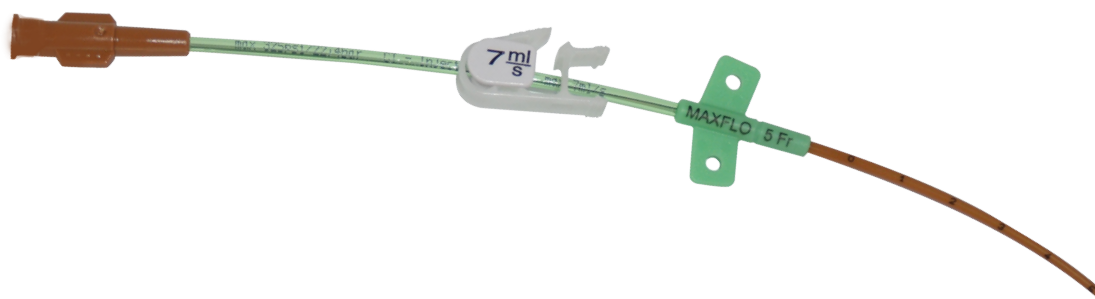
The Vygon PICC range is intended for use in patients who require mid to long-term IV therapy. It may be used to administer fluids, antibiotics, chemotherapy, parenteral nutrition, pain management drugs, and for blood sampling. The Vygon PICC range is designed with smart integrated solutions to come closer to the zero complication target.

### Maximum longevity

Our Vygon PICCs are manufactured from long-term biostable polyurethane: offering extended dwell times to suit all therapy requirements. Long-term biostable polyurethane provides good mechanical and biochemical stability throughout treatment.

maxflo expert can be used whenever a PICC is indicated, including high-pressure administration. To allow radiologists to get the best CT scan image quality, maxflo is designed to withstand injection of high-viscosity contrast medium **from 5ml/s to 7ml/s, with a CT injector pressure of up to 325psi (22.4bar)**.

**325 psi**  
**Up to 7 ml/s**



### CT compatible maxflo expert:

- Allows flow rates up to 6 ml/s and **makes possible the CT examination of a widest number of organs<sup>1</sup>**.
- Is compatible with **325 psi which is the pressure limit of new generations of CT contrast media injectors** (pre-settings at 325 psi)<sup>2</sup>

Parameters	Angiography	CT	MRI
Flow rates	0-40 ml/s	0,1-7 ml/s	0,1-7 ml/s
Injectors pressure limit	1200 psi	325 psi	325 psi

Source : ECRI Report 2009 : Injectors, Contrast Media, Angiography, CT

<sup>1</sup> -ECRI Report 2009 : Injectors, Contrast Media, Angiography, CT

<sup>2</sup> - Medrad Spectris, Stellant D et Sx, Guerbet Optivantage DH

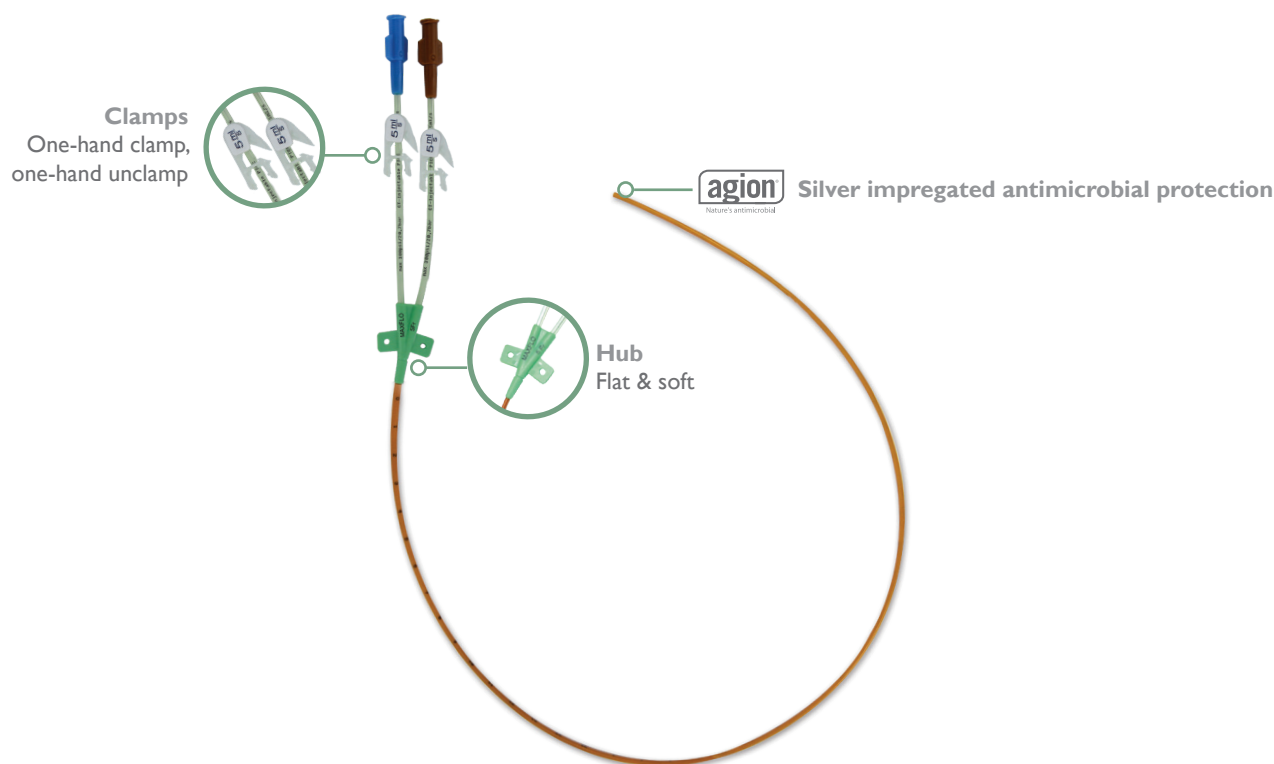
## Agion antimicrobial technology efficiency

“ Testing a range of medical-grade polymers, Sciscent found that those treated with Agion® antimicrobial technology killed more than 99 percent of antibiotic-resistant pathogens. In the case of multiple types of central-venous catheters, MRSA was reduced between 99.56 percent and 99.999 percent and CRE was eliminated by 99.9999 percent or more – with no viable bacteria detected 24 hours after inoculation for most catheter types.

Megan Coyle, Wakefield, MA (PRWEB) May 04, 2015

”

## Features and benefits



Catheter numerical marking every centimeter:



## Benefits for your patient

- Good mechanical and biochemical stability throughout treatment
- Contamination and infection risks are reduced
- Lower risk of occlusion, infection, air embolism
- Safe CT injections
- Agion™ is a compound of inorganic silver ions which maintains an antimicrobial surface to help control infection
- Soft and comfortable, lower risk of infection, mechanical phlebitis and dislodgement

# SOLUTION FOR SAFE PICC INSERTION

## A Vygon PICC comes with:

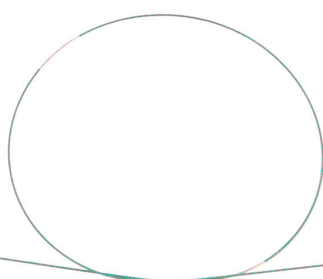
A **Micro Seldinger introducer** set which allows placement with ultrasound in the middle third of the upper arm:



**Safety puncture needle**  
Echogenic safety needle



**Peelable sheath** ● ● ●  
Rigid enough - to help go through the skin but flexible - to help slide along the vein



**Nitinol guidewire** ● ● ●  
Kink-resistant, intuitive reading of inserted length every 5 cm and every cm in the distal portion.

Includes choice of radiology guidewire.



**griplok** ● ● ●  
Soft and safe fixation



**bionector** ● ● ●  
Needlefree connector with neutral flush, split septum, low dead space



Good grip for comfortable **bionector** connection/disconnection

### To lower a complication, follow the colour:

- Infection
- Misplacement
- Thrombosis
- Needle stick injury
- Air embolism
- Hemorrhage
- Tamponade
- Haematoma

## Benefits for you

- Smooth dilator/sheath transition, for easier insertion through skin and vein, reducing vessel trauma
- Ultrasound vein location easier and faster, higher insertion success rate
- Guidewire insertion is faster and smoother

## ORDERING CODES

								Product codes		
Lumen	Ø (Fr)	Ext Ø (mm)	Length (cm)	Gravity Flowrate (mL/min)	Priming Volume (mL)	Maximum Flow rate	Maximum Pressure	MST kit with 50 cm guidewire	MST kit with 67 cm guidewire	MST kit with 135 cm guidewire
1	4	1.35	55	19	0,8	5 ml/s	325psi (22.4bar)	00839414*	008394414*	008394514*
1	5	1.70	55	28	0,8	6 ml/s	325psi (22.4bar)	00839415**	008394415**	008394515**
1	5	1.75	55	46	1	7 ml/s	325psi (22.4bar)	008394105*	008394405*	008394505*
2	5	1.75	55	9 (x2)	0,75(x2)	5 ml/s	325psi (22.4bar)	00839425*	008394425*	008394525*
2	6	2.0	55	14 (x2)	0,8 (x2)	5 ml/s	325psi (22.4bar)	00839426**	008394426**	008394526**
2	6	2.0	55	14 (x2)	0,8(x2)	6 ml/s	325psi (22.4bar)	008394206*	008394406*	008394506*
3	6	2.0	55	4 (x2) 10	0.45 (x2) 0.85	5 ml/s	325psi (22.4bar)	00839436*	008394436*	008394536*

\* with reverse tapering (bump tube) / \*\* with cylindrical tube

### Tray description

- maxflo expert PICC with pre-mounted stylet in temporary T-piece flush port
- 21G safety echogenic puncture needle
- Nitinol guide wire with thumb-feed advancer, Ø 0.46mm x L. 50cm/67cm/135cm
- 7cm peelable sheath
- Scalpel
- **bionector**
- maxflo griplok 00580410

CATHETER  
REMOVALS WERE  
REDUCED BY\***83.3%**CATHETER  
OCCLUSIONS  
WERE  
REDUCED BY\***89.8%**REDUCE  
CLINICAL  
TIME BY\***86%**

NEEDLE-FREE CONNECTOR WITH BI-DIRECTIONAL VALVE

# EVERY CATHETER EVERY LINE THINK TKO EVERY TIME

Reduce catheter occlusions, improve  
patient outcomes and save costs



\*Bionector Trials with Peripheral Lines, Country Durham and Darlington NHS Foundation Trust IV Team 2016

## OUR COMMITMENT TO THE ENVIRONMENT

2021 was a landmark year as Vygon UK achieved carbon neutrality in accordance with the guidance set out in PAS 2060, with certification renewed in 2022 as year-on year

emission reductions were achieved and the residual emissions were offset with the purchase of high-quality Verified Carbon Standard (VCS) emission reduction projects. Vygon are in the process of expanding its emissions reporting to include Scope 3 emissions, this will involve a baseline year reset and result in reporting higher emissions than in previous years and therefore, unable to purchase carbon credits. Following the baseline year and emission targets reset, our focus will be to regain Carbon Neutral status.

We are delighted to announce that Vygon UK has successfully undergone the NHS Evergreen Sustainable Supplier Assessment, attaining level 2 status. This is key to supporting us to understand how we align to the NHS's long term sustainability priorities and the pathway to progress.

These accomplishments underscore our unwavering dedication to sustainable practices and reinforces our role as a responsible contributor to the healthcare system.



DISCOVER OUR JOURNEY  
scan with your smart device

For further information, please contact: **info-UK@vygon.com**

The specification shown in this leaflet are for information only and are not, under any circumstances, of a contractual nature.  
To help us reduce our carbon footprint all of our literature is available electronically either from your Product Specialist, on our website or by emailing the email address above.

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