



WHY CHOOSE VYGON?



OVER
60
YEARS
EXPERIENCE

PATIENT CARE LIES AT THE HEART OF WHAT WE DO





WE ARE A
CARBON
NEUTRAL
COMPANY

MORE THAN

100 MILLION

PRODUCTS IN

110 COUNTRIES

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göldenhour

Research shows that what happens in the first, crucial hour of a premature baby's life can make a difference between a good outcome and a poor outcome or, the worst scenario of all, death. By focusing on the key stages of thermoregulation, resuscitation, administration of antibiotics and parenteral nutrition, hypoglycaemia management and admission into the NICU, the risks of morbidity and mortality decrease¹. For some high-risk babies, these key interventions can last for hours, or even days.

Recognising the importance of the 'Golden Hour' principles, along with improvements in medicine and more effective technology, means that survival rates are increasing.

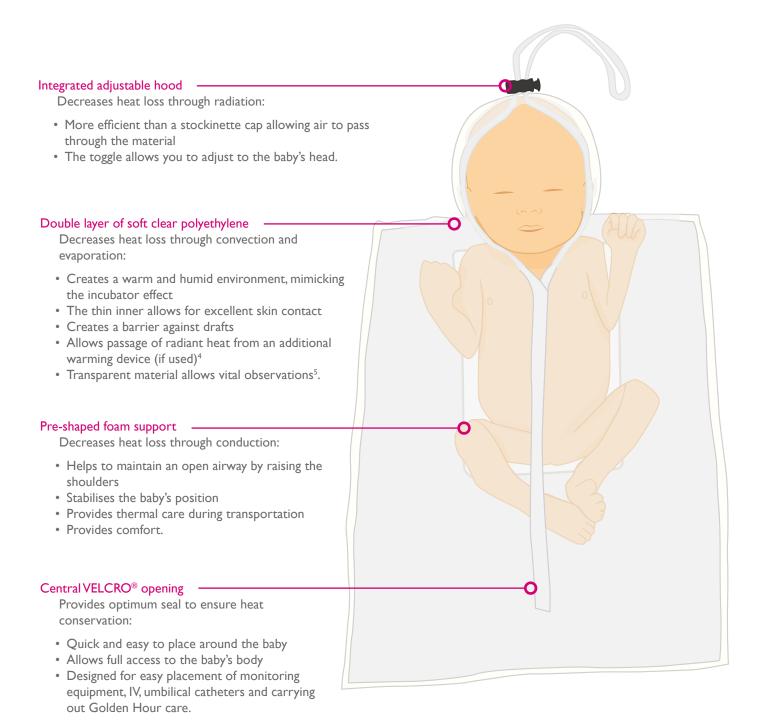
In our mission to value life, we have worked with neonatologists for over a decade focusing on the moments after birth, thermoregulation, respiratory support, cardiovascular support and protection. Our aim is to offer clinicians the products that give their youngest, and most vulnerable patients the best possible start in life.



neohelp®

A STERILE HEAT LOSS PREVENTION SUIT TO DELIVER LIFE-SAVING THERMAL CARE

Immediately after a premature baby is delivered by c-section, the priority is to place them in a warm and sterile environment. $neohelp^{\text{TM}}$ provides this essential protection so other essential Golden Hour care and treatment, including delayed cord clamping, can take place. (2,3)





Scan to watch our video

on using neo**help**[™] to assist during delayed cord clamping.

Please note: The link will take you to an external website



Why is thermal care important?

Thermal care is vital for a preterm infant because they may have unbalanced skin-surface to weight ratio, very little or no capacity to generate heat (brown adipose tissue), inadequate stores of subcutaneous (insulating) fat and immature epidermal barrier^{5,6}.

At this vital time, neohelp[™] prevents heat loss through its double layer of soft, clear polyethylene, integrated adjustable hood and VELCRO[®] seal.

For every 1°C decrease:

Risk of sepsis increases **by 11%** Risk of death increases **by 28%**⁴

In the first 10-20 minutes,

without any protection, temperature can fall **by 2-4°C**⁷

Why is delayed cord clamping important?

Provided the baby can be kept warm and does not need immediate resuscitation, the Resuscitation Council UK (RCUK) recommends delayed cord clamping (DCC) for at least 60 seconds whilst breathing is established 8. Delayed cord clamping has been shown to reduce the relative risk of:

- Intraventricular haemorrhage by 41% (RR 0.59, 95% CI 0.41 to 0.85)9
- Necrotising enterocolitis by 38% (RR 0.62, 95% CI 0.43 to 0.90)9.

In addition, this procedure increases circulation of blood volume after birth and an improvement in cardiovascular stability, reducing the need for a blood transfusion.

Vygon code	NHSSC code	Baby weight (kg)	by weight (kg) Description		Box qty
00370914	BWK85403	<	neo help ™ Small	L. 38 × W. 30	10
00370915	BWK85400	I – 2.5	neo help ™ Medium	L. 44 × W. 38	10
00370916	BWK85401	> 2.5	neo help ™ Large	L. 50 × W. 38	10

surfcath®

A CATHETER FOR SURFACTANT ADMINISTRATION USING THE LISA TECHNIQUE

For babies needing treatment for respiratory distress syndrome (RDS), surfcath™ uses the LISA (Less Invasive Surfactant Administration) technique to place the catheter. Specifically designed to improve manoeuvrability during placement whilst also eliminating the need for the commonly used Magill forceps.



2cm soft distal black tip

- 2cm mark shows when surfcath™ is in place
- · Soft tip minimises risk of tracheal lesions and prevents kinking
- Pre-curved to follow the airway anatomy.

Transparent bendable thermoplastic material

- Transparent material allows visual check on the delivery of surfactant
- Thermosensitive material allows you to curve Surfcath[™] prior to use meaning no need for Magill forceps
- Semi-rigid material also allows high manoeuvrability, helping to follow the airway anatomy.

Less invasive 6Fr gauge

- · No obstruction of the airways allowing spontaneous breathing
- Low dead space (0.2mL).



20cm length with cm markings

- Longer length eases manipulation of the surfactant syringe away from the patient's head
- Centimetre markings indicate the inserted length and check that Surfcath[™] stays in place.



Treating respiratory distress syndrome (RDS)

RDS is the most common lung disease in premature infants and is a pulmonary disorder resulting from a surfactant deficiency. In Europe RDS is observed for about 90% of babies born at 24 weeks and for 80% babies born at 28 weeks of gestation¹⁰.

International guidelines recommend

- Preterm infants should be managed without mechanical ventilation where possible
- Continuous positive airway pressure (CPAP) with early rescue surfactant is considered optimal management for babies with RDS
- LISA is the preferred mode of surfactant administration for spontaneously breathing babies on CPAP, provided that clinicians are experienced with this technique¹⁰.

Vygon code	Size (Fr)	Length (cm)	Priming vol (mL)	Box qty
005590106	6	20	0.2	10



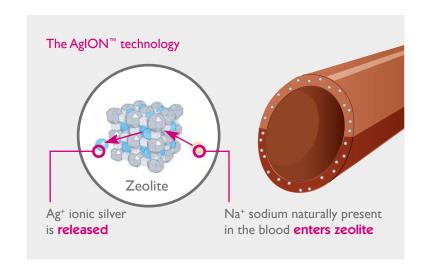
expert umbilical catheter

SINGLE AND DOUBLE UMBILICAL CATHETERS WITH ANTIMICROBIAL TECHNOLOGY

The *expert* umbilical catheter is the only umbilical catheter with integrated antimicrobial AglON[™] technology, to fight against CRBSI in NICUs.

Ag+ is a bacteriostatic that inhibits the cell reproduction. Ag+ combines with bacterial proteins located in the cell wall and cytoplasm which interferes with their normal functioning.

These proteins are vital for the healthy functioning of the cell, therefore loss of the proteins results in the death of the bacteria.



Clinical performances

"A reduction in catheter-related bloodstream infections in preterm infants found from using catheters with the AgION™ antimicrobial system¹1."

"Preterms with an expert umbilical venous catheter had shorter hospital stays and a lower case fatality rate¹¹."

"There was no case of intolerance to the $AgION^{T}$ catheters and none of these catheters had to be removed due to a local skin infection. In addition, none of the patients in the $AgION^{T}$ catheter group showed signs of silver toxicity."

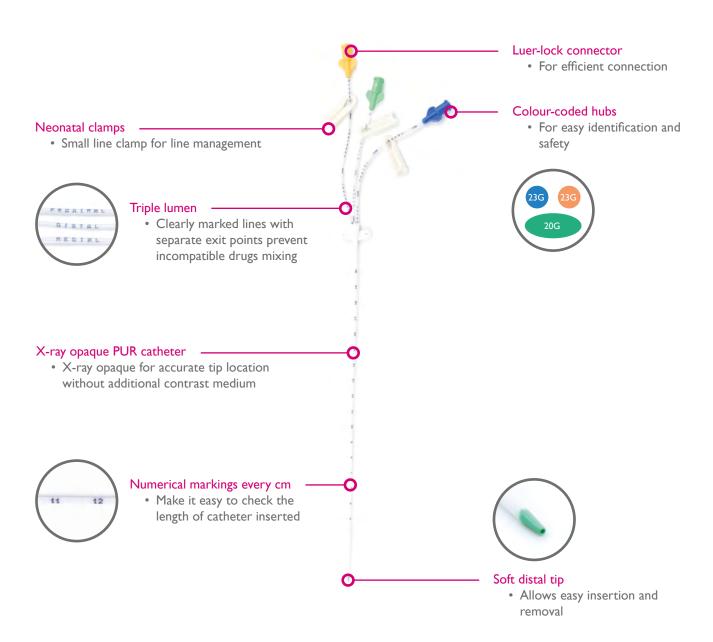
Product	Vygon code	NHSSC code	Size (Fr)	Exit point	Length (cm)	Priming vol (mL)	Flow rate (mL/ min)	Material	Neonatal clamps	Hub colour	Box qty
	008270230	FVP85000	2.5	-	30	0.10	2.2	PUR	N/A	N/A	25
Single	008270340	FVP85001	3.5	-	40	0.30	12	PUR	N/A	N/A	25
lumen expert	008270440	FVP85003	4	-	40	0.30	12	PUR	N/A	N/A	25
catheters	008270540	FVP85004	5	-	40	0.40	27	PUR	N/A	N/A	25
	008270840	-	8	-	40	0.80	109	PUR	N/A	N/A	25
	008272420	FVP85005	4	Proximal	20	0.30	13.8	PUR	Yes		25
	000272420	FVF03003	4	Distal	20	0.30	13.8	PUR	Yes		25
Double lumen	008272440	-	4	Proximal	40	0.40	8.1	PUR	Yes		25
expert catheters	000272440	-	4	Distal	40	0.40	8.1	PUR	Yes		23
	000272540	-	5	Proximal	40	0.30	6.4	PUR	Yes		25
	008272540	-	5	Distal	40	0.30	6.4	PUR	Yes		25



Umbilical catheters

TRIPLE LUMEN UMBILICAL CATHETER

A triple lumen umbilical catheter to administer TPN and for the injection of drugs, particularly those with incompatible features or when one drug needs to be injected continually.

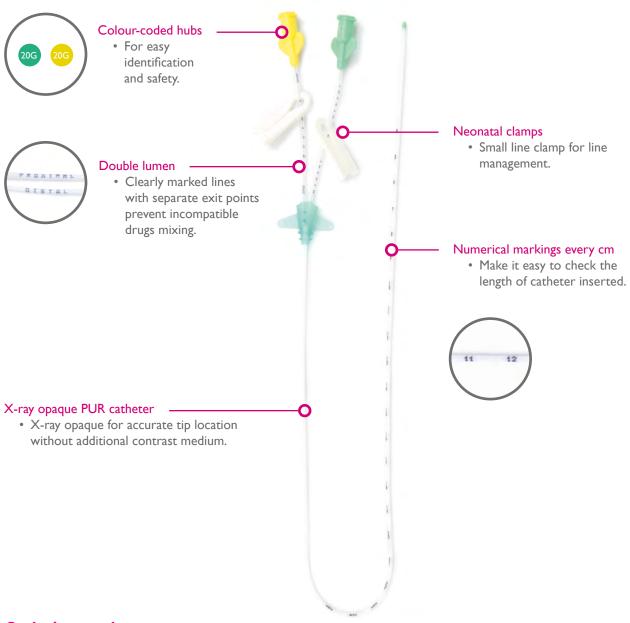


Vygon code	NHSSC code	Size (Fr)	Exit point	Length (cm)	Priming vol (mL)	Flow rate (mL/ min)	Material	Neonatal clamps	Hub colour	Box qty
		4.5	Distal (20G)	20	0.20	7.4	PUR	Yes		
V02127315	FSY362	4.5	Medial (23G)	20	0.17	2	PUR	Yes		10
		4.5	Proximal (23G)	20	0.17	2.1	PUR	Yes		

Umbilical catheters

DOUBLE LUMEN UMBILICAL CATHETER

A double lumen umbilical catheter for short term catheterisation through the umbilical vein when multiple access is needed.



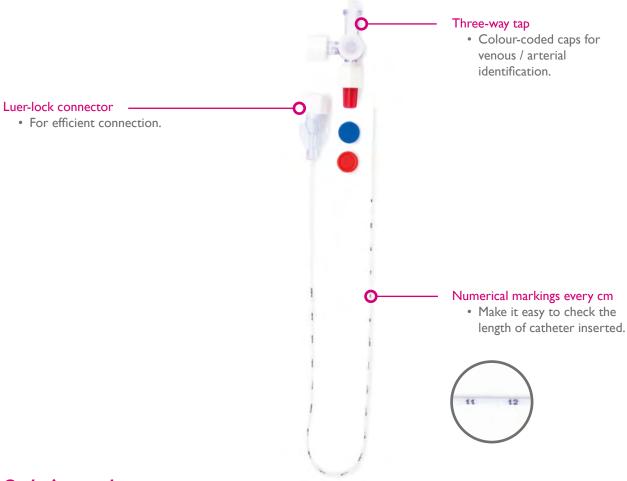
Vygon code	NHSSC code	Size (Fr)	Exit point	Length (cm)	Priming vol (mL)	Flow rate (mL/ min)	Material	Neonatal clamps	Hub colour	Box qty
1272 14	FCV020	4	Proximal	20	0.19	12	PUR	Yes		10
1272.14 FSY028	4	Distal	20	0.19	11	PUR	Yes		10	
1272.04		4	Distal	20	0.19	П	PUR	Yes		10
12/2.04	1272.04 -	4	Distal	20	0.19	П	PUR	Yes		10



Umbilical catheters

SINGLE LUMEN UMBILICAL CATHETER

A single lumen umbilical catheter used for venous or arterial access.



Vygon code	NHSSC code	Size (Fr)	Length (cm)	Priming vol (mL)	Flow rate (mL/min)	Material	Box qty
1270.02	FSY023	2.5	30	0.12	>3	PUR	8
1270.03	FSY024	3.5	40	0.27	>10	PUR	8
1270.04	FSY025	4	40	0.29	>10	PUR	20
1270.05	FSY026	5	40	0.40	>23	PUR	20
1270.08	FSY027	8	40	0.81	>100	PUR	20
0270.03	FSY013	3.5	37	0.19	>6	PVC	15
0270.04	FSY015	4	37	0.27	>16	PVC	15
0270.05	FSY016	5	37	0.38	>31	PVC	15
0270.06	FSY017	6	37	0.51	>52	PVC	15
0270.07	FSY139	7	37	0.59	>80	PVC	15
0270.08	FSY022	8	37	0.75	>106	PVC	15

Umbilical placement pack

OUR UMBILICAL PLACEMENT PACK CONTAINS EVERYTHING REQUIRED TO SAFELY & EFFICIENTLY PLACE AN UMBILICAL CATHETER



The benefits of our umbilical packs



Cost saving

A complete pack costs less than buying the individual components.



Delivers better patient care

Pack enables Aseptic Non-Touch Technique for catheter placement to minimise infections. Also allows traceability of pack components used.



Reinforces best practice

Pack includes a heat-sealed drape (to maximise the sterile barrier) and a safety hypodermic needle (to minimise the risk of accidental needlestick injuries).



Standardises procedures

Consistent clinical practice assured with identical pack contents.



More environmentally friendly

Less waste with a pack compared to multiple packaging of individual components.





Each pack contains

	18G hypodermic safety needle		20G hypodermic safety needle		Scalpel
	Drapes without adhesive		40x40cm fenestrated transparent drape with "Easy-peel"		Drape towels
-8	I × pair of suture scissors		10 x swabs 10x10cm, 8-ply	40	10 x swabs 5x5cm, 8-ply
	I × transparent gallipot 60mL		I x red gallipot 60mL		Outer wrap
の 通過数 通過数 可 の の の の の の の の の の の の の	Instructions for use	13 mary no program of	Umbilical tape	0	Measuring guide
-8	Mosquito haemostat curved	-8	Mosquito haemostat straight	_	Iris forceps full curved
	Iris forceps half curve		Iris forceps straight		Iris forceps straight with teeth
-8	Needle holder	7.53.54'60 (1503)	Measuring tape	MULTINITY	ImL syringe
■ The Control of the	3mL syringe	£	5mL syringe		Vessel dilator probe
10 m 122	3.0 silk suture with curved cutting needle		Tray 20 x 15x4cm		2 x fixation strips

Ordering code

Vygon code	NHSSC code	Description	Box qty
80.199.695	EVS562	Umbilical placement pack	10



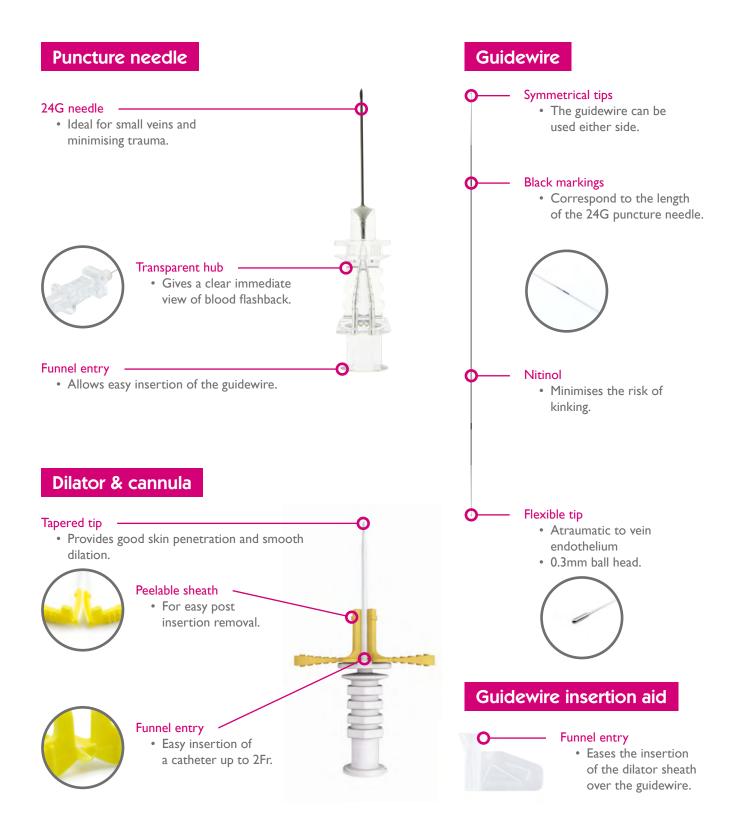
Did you know?

We can customise procedure packs to suit your requirements.

microsite®

A DEDICATED INTRODUCER KIT FOR THE PLACEMENT OF NEONATAL LONGLINES IN SMALL VEINS

micro**site**® gives clinicians access to the smallest of veins using their preferred introducer whilst eliminating the need to leave it attached to the line.







Scan to watch our video

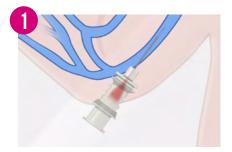
on the micro**site**® introducer kit in

Please note: The link will take you to an external website

Gaining safe and effective vascular access can be essential for premature babies who require total parenteral nutrition, fluids, or drugs. But it can be a difficult procedure and traumatic for patients. Evidence shows that exposure to pain from needle tips and IVs can be stressful for babies. microsite® can help avoid patient distress by enabling more accurate, first time venous access and therefore reducing unnecessary repeat access attempts. This, in turn, preserves delicate veins. The benefits of microsite® include:

- Facilitating easy peripheral venous access¹²
- Enhancing the rate of successful placement¹³
- Allowing 1Fr and 2Fr central venous catheters to be safely placed in peripheral veins¹⁴

Instructions for use



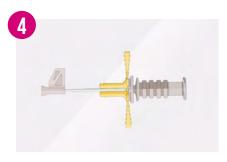
Puncture vein with 24G needle



Insert guidewire through needle



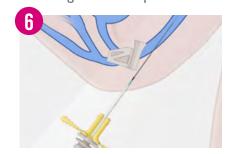
Withdraw needle leaving guidewire in place



Insert cannula into guidewire insertion aid



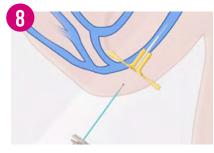
Thread insertion aid and cannula over guidewire



Hold guidewire and remove insertion aid



Insert sheath dilator into vein



Remove dilator and guidewire



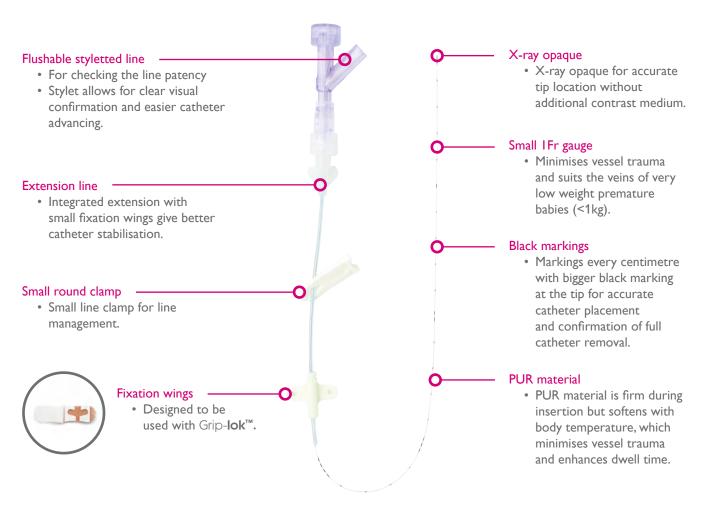
Insert catheter then remove and split peelable sheath

Vygon code	NHSSC code	Description	Needle size (G)	Guidewire length (cm)	Peelable sheath size (Fr)	Box qty
1147.02	FSU562	micro site® introducer kit	24	20	2	10

premicath®

A 1FR PICC LINE DESIGNED SPECIALLY FOR NEWBORNS UNDER 1KG

Infants born prematurely weighing under 1kg often need the nutritional and therapeutic support that can only be delivered into their tiny vessels via venous access. At just 1Fr, premicath® has been specially designed for the smallest and most fragile babies to deliver optimum accuracy during placement as well as minimising trauma for patients.



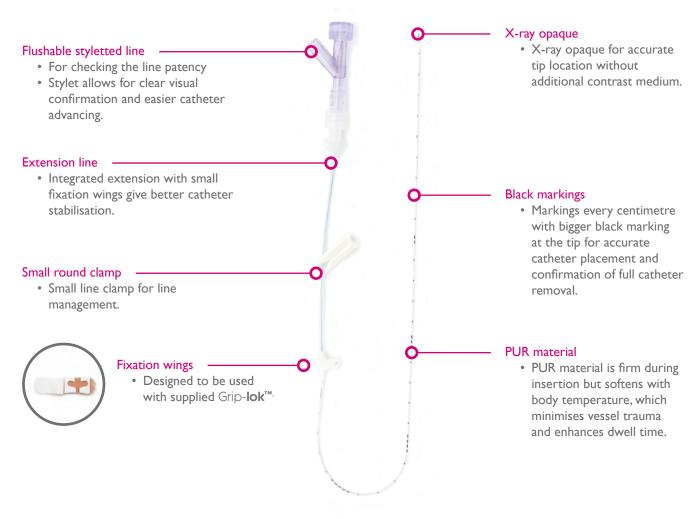
					Cathete	r		
Vygon code	NHSSC code Description		Stylet	Needle size (G)	Length (cm)	Priming vol (mL)	Flow rate (mL/ min*)	Box qty
1261.21	FSU221	premi cath IFr x-ray opaque graduated PUR catheter with 24G breakaway needle introducer and syringe adaptor	No	24	20	0.09	0.70	10
1261.22	FSU220	premi cath IFr x-ray opaque graduated PUR catheter with 20G microflash introducer	No	20	20	0.09	0.70	10
1261.203	FSQ3826	premi cath IFr x-ray opaque graduated PUR catheter with 24G breakaway needle	Yes	24	20	0.09	0.70	10
1261208	FSU263	premi cath IFr x-ray opaque graduated PUR catheter with 20G micro flash introducer	Yes	20	20	0.09	0.70	10



nutriline®

A PICC LINE WITH A UNIQUE & EASY-TO-USE PEELABLE NEEDLE AVAILABLE IN 2 OR 3FR

nutriline's one-piece catheter provides clinicians with a high degree of safety. Available in a choice of lengths to ensure accurate tip placement for most IV access sites.



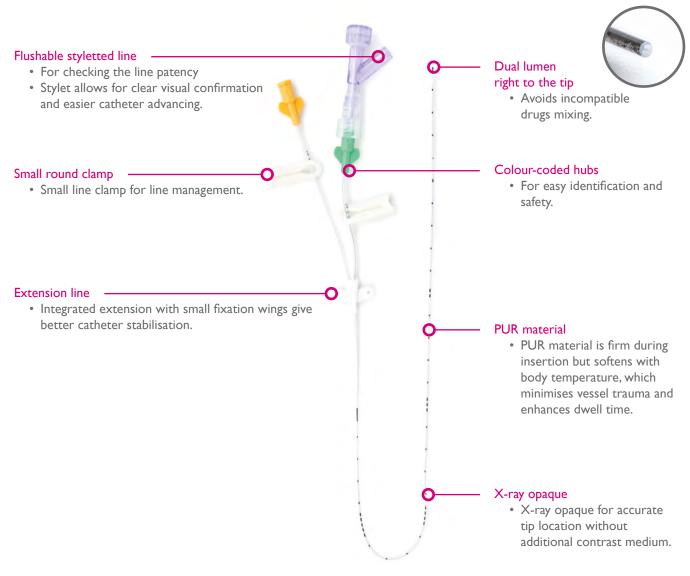
					Cathete	r		
Vygon code	NHSSC code	Description	Stylet	Needle size (G)	Length (cm)	Priming vol (mL)	Flow rate (mL/ min)	Box qty
001272030	FSQ2107	X-ray opaque graduated PUR 2Fr catheter with microflash introducer	Yes	24	30	0.12	5.00*	10
1352.302	FSQ338	X-ray opaque graduated PUR 2Fr catheter with microflash introducer	No	24	30	0.12	5.00*	10
1352.152	FSQ337	X-ray opaque graduated PUR 2Fr catheter with microflash introducer	No	24	15	0.06	9.00*	10
1353.302	FSQ340	X-ray opaque graduated PUR 3Fr catheter with peelable introducer	No	20	30	0.16	2.80**	10

^{*}Tested at 1 bar/14.5psi **Tested under gravity



A 2FR DUAL LUMEN CATHETER WITH PEELABLE NEEDLE

nutriline twinflo has been designed specifically for babies who require multiple infusions. Its dual lumen tip design offers enhanced fluid management and avoids incompatible drugs mixing.



				Catheter						
Vygon code	NHSSC code	Description	Stylet	Exit point	Lumen size (mm)	Length (cm)	Priming vol (mL)	Flow rate (mL/ min*)	Hub colour	Box qty
001252230	FSQ2107	X-ray opaque graduated dual lumen PUR catheter	Yes	Distal	0.2 × 0.6	30	0.2	1.45		10
001232230	13Q2107	with microflash introducer	163	Distal	0.2 × 0.6	30	0.2	1.45		10
00125225	FSU252	X-ray opaque graduated	NI-	Distal	0.2 × 0.6	30	0.2	1.45		10
001252235	F3U252	dual lumen PUR catheter with microflash introducer	No	Distal	0.2 × 0.6	30	0.2	1.45		10

^{*}Tested at 1 bar/14.5psi

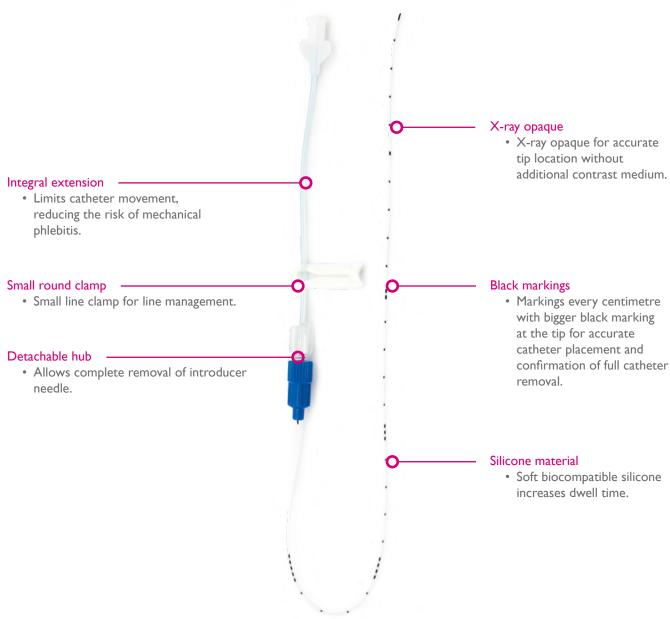






A 2FR NEONATAL SILICONE PICC LINE

2Fr ECC is our original neonatal PICC line and one of the most recognised paediatric catheters in the world today.



Vygon code	NHSSC code	Description	Catheter				
			Size (G)	Length (cm)	Priming vol (mL)	Flow rate (mL/min*)	Box qty
2184.015	FSY090	X-ray opaque graduated silicone catheter	24	15	0.10	4.00	30
2184.00	FSY088		24	30	0.12	3.00	30
2184.005	FSY089		24	50	0.16	2.00	30

Neonatal PICC placement pack

OUR NEONATAL PICC PLACEMENT PACK CONTAINS EVERYTHING REQUIRED TO SAFELY & EFFICIENTLY PLACE A NEONATAL PICC LINE



The benefits of our neonatal PICC placement packs



Cost saving

A complete pack costs less than buying the individual components.



Delivers better patient care

Pack enables Aseptic Non-Touch Technique for catheter placement to minimise infections. Also allows traceability of pack components used.



Reinforces best practice

Pack includes a heat-sealed drape (to maximise the sterile barrier) and a safety hypodermic needle (to minimise the risk of accidental needlestick injuries).



Standardises procedures

Consistent clinical practice assured with identical pack contents.



More environmentally friendly

Less waste with a pack compared to multiple packaging of individual components.





Each pack contains

	2 x 45x75cm non-adhesive drapes	M	40×40cm fenestrated transparent drape with "Easy-peel"	2 x 38x38cm drape towels
-8	I x pair of 9cm neonatal scissors	99	4 x ball of swabs 2.5Gr XRO	5 x swabs 7.5x7.5cm, 8-ply
	I x transparent gallipot 60mL		I x red gallipot 60mL	Outer wrap
MARANES CESSESSISSISSISSISSISSISSISSISSISSISSISSI	Instructions for use	yana da	2 x measuring tape	 Neonatal tourniquet
	Iris forceps full curved without teeth 10cm		Iris forceps straight without teeth 10cm	 Blue prep forceps
	Luer-slip 10mL syringe		Opaque tray	I x fixation strips
#. H	2 × Tegaderm [™] dressings 4×4cm			

Ordering code

Vygon code	NHSSC code	Description	Box qty
80.199.519	FSU85000	Neonatal PICC placement pack	20



Did you know?

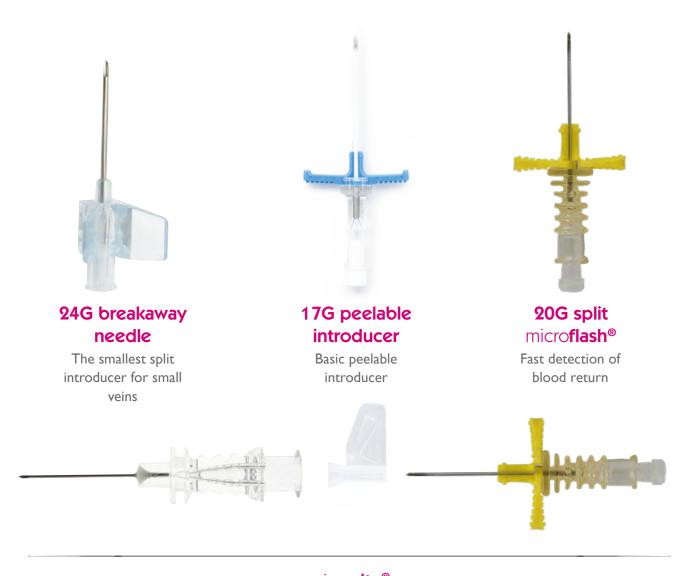
33% of long line complications are due to line infection¹⁵.

Sepsis has been cited as one of the most common complications for percutaneous long lines¹⁵.



Introducers

A LARGE CHOICE OF INTRODUCERS TO SUIT ALL USERS



microsite®

A dedicated introducer kit for the placement of neonatal long lines in small veins

Vygon code	NHSSC code	Description	Needle size (G)	Needle length (mm)	OD (mm)	Peelable sheath size (Fr)	Box qty
7366.510	FTR438	Breakaway needle	24	18	0.7	N/A	25
7370.17	FSP243	Peelable introducer	19	43	1.5	3	25
7370.19	FSP244	microflash introducer	20	18	1.1	2	25
1147.02	FSU562	micro site introducer kit	24	19	1.91	2	10

readysets

DESIGNED TO MEET ALL OF YOUR INFUSION REQUIREMENTS FROM SIMPLE SINGLE INFUSIONS TO MULTIPLE SIMULTANEOUS INFUSIONS



Ordering codes

Vygon code	NHSSC code	Description	Filter	Tube length (cm)	Priming vol (mL)	Box qty
0836.201	FTC224	readyset feed	Yes	15	0.84	10
			No	2	0.24	
0836.204	FTC227	Safe T-piece	Yes	11	0.64	10
0836.205	FTC225	readyset unite	Yes	20.5	0.98	10
			Yes	20.5	0.98	
			No	2	0.26	
0836.210		readyset unite with bionector	Yes	20.5	1.00	10
	-		Yes	20.5	1.00	
			No	2	0.26	

The filters in the bionector readysets range are not suitable for blood or lipid products.

Do not attempt to administer lipids or lipid carried medications through a 0.22 micron (green) filter.

OUR COMMITMENT TO THE ENVIRONMENT

Vygon UK has been working towards creating a sustainable future for many years and we are a Carbon Neutral Company. We believe that sustainability isn't just about meeting current needs, but more importantly, it is about ensuring we are here for the long term and are paving the way for a bright tomorrow. We strive to deliver enhanced Corporate Social Responsibility (CSR), ensuring we manage the social, economic, and environmental effects of Vygon UK's operations responsibly in line with public expectations.



DISCOVER CORRECTION scan with your smart device



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FOR FURTHER INFORMATION, PLEASE CONTACT: info@vygon.co.uk

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