



infusion  
concepts



# PRODUCT & SERVICE GUIDE 2025

Issue 12



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# ABOUT INFUSION CONCEPTS

## About us

Infusion Concepts is a family-run company founded by the late Mark Lever (a veterinary surgeon) determined to bring the best range of products to the veterinary market.

The company was formed to look at and address the issue of poor performance of products currently available, especially from the human market. In addition, we were keen to provide more products in complete kit form so you were no longer searching for "this connector" or "that extension" to complete a procedure safely and easily.

We launched at BSAVA Congress 2003 with just 20 products, and our range has steadily grown. BSAVA 2022 sees our 19th anniversary of supplying quality products and services, and we now have over 700 products in our range. We are delighted with our achievements! We continue to build on our founding principals of:

**Quality • Versatility • Performance • No Compromise**

## We service what we sell...

We offer a comprehensive and efficient repair and servicing facility for the range of infusion devices we sell. We are CME's preferred UK agent for servicing, repairs, and warranty repair work on their Niki and Vetpro Infusion pumps. We are also the UK Exclusive supplier of Benefusion SP/VP series, including, repairs, servicing & warranty repairs.

## ... and what we don't!

Our workshop facilities offer an efficient general repair service for a wide range of clinical equipment such as clippers, Diagnostic units, Fluid Warmers and Microscopes and more. Please contact us directly for more information.

## Distributors

The majority of our product range is now available through your main wholesaler as well as a number of other distributors. At the back of this product guide you will find a full price list as well as the wholesaler codes for the available range. If you can't find their code for the product you need, please contact us and we'll place your order with them for you.

Please note that wholesalers occasionally change codes or provide codes for "specials" items. For the most current information please give us a call.

## About our products

We design and supply an extensive range of:

- Infusion and transfusion lines
- Extension lines
- Caps, Connectors and Valves
- Vascular access catheters
- Drainage products
- Critical care products

We strive to source and develop products that meet the demanding needs of our veterinary patients, rather than relying on products supplied in bulk to the human market.

When developing a new product, we focus on the important points of making the product do the job it was intended for, then we look at ways to make the product as cost-effective as possible.

## Large animal product range

We have a good selection of products to suit various aspects of large animal practice. These include infusion lines, extensions, transfer sets and catheters (peripheral, jugular and foley). We are always looking at ways in to expand our Large Animal & Equine range, please contact us if you have any ideas

## Bespoke products

We already design and supply a number of bespoke products to our customers; these include giving sets, extension lines, syringe labels and jugular catheters. Custom-made products are designed to meet your exact requirements, and are also economical as you get exactly what you need in a single product.

We would be happy to discuss any custom product requirements with you.

## About our service to you

Our mission, as well as supplying quality products, is to help you, our customer, to solve the problems we all encounter every day in busy clinical practice. We have found the best solution is to listen to and understand your problem or situation, then discuss the best product(s) and technique to sort that problem out.

We offer full back-up and advice on all our products and their applications. For practices wanting to get the most out of our product range we also offer a clinical demonstration and staff training program.

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# OPTIMA GIVING SETS

## Description

Top quality one-piece sets designed for improved accuracy both on and off your infusion pump. All sets are a generous length and feature low injection priming volume.

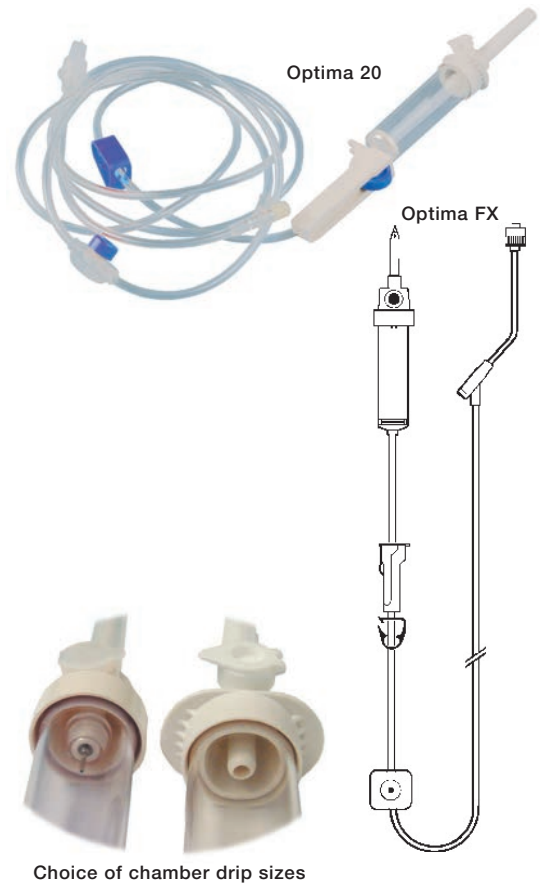
The combination of chamber drop size and set length means these sets will suit most kennels & patient sizes.

## Features and Design

Our Optima range of sets offer the ideal choice for routine infusion therapy whether by gravity or on an infusion pump. Chambers are vented and filtered. These sets feature a proximal 'T' port injection site with finger guard for safer I/V access. The mobile luer locking collar allows compact luer-slip attachment if preferred.

**With a choice of chamber sizes & set lengths, they are compatible for use on a variety of Infusion Pumps.**

- Two injection ports allows for easy I/V access both outside the kennel and close to the patient
- C-clamp & roller valve for optimal gravity control
- Option of fixed or fully mobile luer lock collar allows a choice of compact luer slip attachment or fixed luer lock for easy disconnection
- Fully kink-proof end and resilient mid-section tubing
- Twist-resistant/proof mid-section tubing
- Colour-coded components for easy recognition of chamber size
- Generous 80 cm pump-specific tube section
- 15 micron filter in drip chamber



## Set Configurations

### Optima 20

- ▶ 20-drop/ml chamber; 250 cm long
- ▶ Mobile luer locking collar allows compact luer-slip attachment
- ▶ Suits most kennel and patient size

### Optima 60

- ▶ 60-drop/ml chamber with stainless steel dripper; 190 cm long
- ▶ Mobile luer locking collar allows compact luer-slip attachment
- ▶ Ideal for small to medium-sized patients

### Optima FX

- ▶ 20-drop/ml chamber; 285 cm long
- ▶ Fixed male luer lock makes attachment and disconnection to T-connectors and other end extensions much easier
- ▶ Suits most kennel sizes

### Optima NF

- ▶ 20-drop/ml chamber; 250 cm long
- ▶ Rotating male luer lock makes attachment & disconnection to T-connectors and other end extensions much easier
- ▶ T & Y ports are swabable needle-free type I/V access ports
- ▶ Suits most kennel sizes

Free pump recalibration  
if changing over to these giving sets  
Please contact us for further information

Our tubing does not kink!  
Luer-slip connection to 22G catheter



## Product Summary

Product	Drops (per ml)	Length (cm)	Ports (P / D)	Luers (in-line)	Full / End Priming (ml)	Pump Tubing (length/cm)	Our Code
Optima 20	20	250	T / Y	0	15.1 / 0.45	80	OPTIMA20
Optima 60	60	190	T / Y	0	15.1 / 0.45	80	OPTIMA60
Optima FX	20	285	T / Y	0	17 / 0.45	80	OPTIMAFX
Optima NF	20	250	T / Y (N/Free)	0	15.1 / 0.70	80	OPTIMANF



## Description

The ModuFlo range offers the most versatile infusion lines available and is supplied with a choice of FOUR configurations. The ModuFlo design allows you to alter or adapt the set in any way you need, even after starting the infusion.

All sets feature their own kink-proof end extension (or T-connector) and tubing optimised for accuracy and performance on standard infusion pumps.

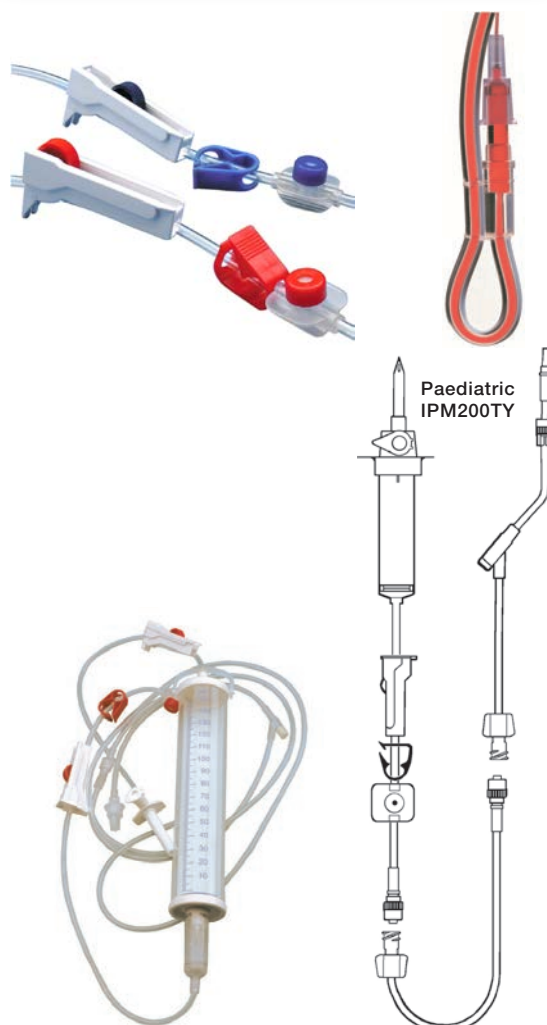
## Features and Design

- Choice of chamber size and configuration:
  - » Standard 20-drop/ml; Spiral and Straight sets
  - » Paediatric 60-drop/ml
  - » Burette with 150 chamber
- Chambers are filtered and vented
- Two injection ports for ease of use and low priming volume
- C-clamp and V-track roller valve for optimal gravity control
- 60 cm of pump-specific tubing; 100 cm pump extension available
- Mobile luer lock collar allows compact luer slip attachment to catheter if preferred to standard luer lock option
- Colour-coded components and packaging for easy identification
- Twin in-line luer connections for full modularity
  - » Add valves, extensions & regulators to suit your needs
  - » Replace tube sections rather than the complete set
  - » Extend set at any time without touching catheter or chamber
- Compatible with all infusion pumps not requiring dedicated sets
- 15 micron filter in drip chamber

**With a choice of chamber sizes & set lengths, they are compatible for use on a variety of Infusion Pumps.**



Free pump recalibration  
if changing over to these giving sets  
Please contact us for further information



## Set Configurations

### Supreme

- ▶ 20-drop/ml chamber; 280 cm long
- ▶ Twist-resistant mid-section tubing
- ▶ Suits most kennel and patient size
- ▶ Suitable for rapid I/V fluid administration

### Paediatric

- ▶ 60-drop/ml chamber; 210 cm long
- ▶ Very resilient mid-section tubing that will not kink
- ▶ Ideal for small to medium patient sizes

### Burette

- ▶ 60-drop/ml, 150 ml chamber; 210 cm long
- ▶ Very resilient mid-section tubing that will not kink
- ▶ Ideal for small patients needing volume limitation
- ▶ Ideal for mixing and giving I/V medications

### Spiral

- ▶ 20-drop/ml chamber; 390 cm long
- ▶ Specially toughened spiral tube section

## Product Summary

Product	Drops (per ml)	Length (cm)	Ports (P / D)	Luers (in-line)	Full / End Priming (ml)	Pump Tubing (length/cm)	Our Code
Supreme ModuFlo	20	280	T / Y	2	18 / 0.45	60	ISM260TY
Paediatric ModuFlo	60	210	T / Y	2	8.4 / 0.45	60	IPM200TY
Burette ModuFlo	60	210	T / Y	2	17 / 0.45	60	IBM200TY
SpiroFlo	20	390	T / Y	2	15.1 / 0.45	60	ICM20370

# ONE-PIECE NEEDLE-FREE GIVING SETS

## Description

Top quality one-piece sets designed for improved accuracy both on and off your infusion pump. All sets feature needle-free I/V access ports, either as “Y” or “T” port configurations.

These sets offer the most generous tubing length combinations in our range and will suit most kennels & patient sizes.

Needle-free sets offer two primary areas of benefit over standard injection ports:

- Safety and ease of injection without risk of needle-stick injury
- N/free ports act as Y-connectors if required, providing secure access for extension lines or secondary giving sets

## Features and Design

Our range of needle-free sets offer the ideal choice for intensive or difficult-to-manage infusion therapy whether by gravity or on an infusion pump, as well as offering peace-of-mind in preventing needle-stick injuries. Chambers are vented and filtered.

**With a choice of chamber sizes & set lengths, they are compatible for use on a variety of Infusion Pumps.**

- Two injection ports allows for easy I/V access both outside the kennel and close to the patient
- C-clamp & roller valve for optimal gravity control
- Option of fixed or fully mobile luer lock collar allows a choice of compact luer slip attachment or fixed luer lock for easy disconnection
- Fully kink-proof end and resilient mid-section tubing
- Twist-resistant mid-section tubing
- Generous pump-specific tube section length
- 15 micron filter in drip chamber

## Set Configurations

### Optima NF

- ▶ 20-drop/ml vented drip chamber; 250 cm long
- ▶ Pump-compatible tube section is 80 cm long
- ▶ Rotating male luer lock allows easy attachment to T-connectors etc.
- ▶ Proximal “T” port & distal “Y” needle-free ports

### Twin “T”-ported sets; extra long

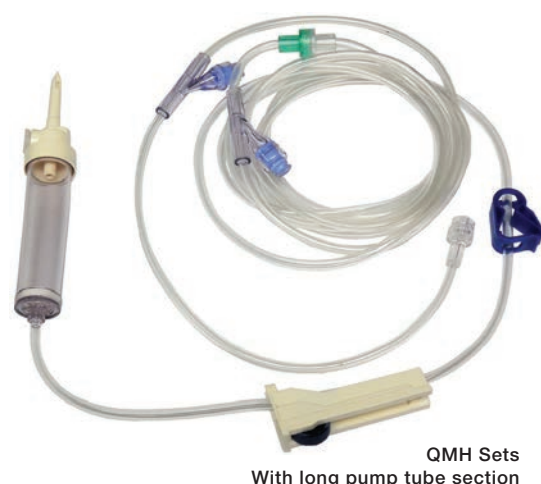
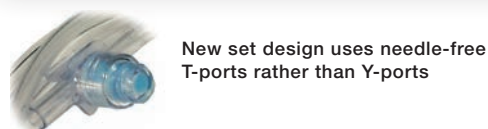
- ▶ 20-drop/ml vented drip chamber;
- ▶ Pump-compatible tube section is 150 cm long on both sets
- ▶ Fixed male luer locking collar allows simple attachment to T-connectors and other end extensions
- ▶ Proximal & distal “T” port needle-free access
- ▶ Sets feature an anti-reflux check valve to prevent blood ingress on gravity infusions
- ▶ Available with set lengths of either 290 or 450 cm
- ▶ Only difference between sets is the length of mid-section tubing
- ▶ The ideal range of sets for larger referral centres with large walk-in kennels, when the pump may be mounted a distance from the fluid bag and drip chamber

## Product Summary

Product	Drops (per ml)	Length (cm)	Ports (P / D)	Full / End Priming (ml)	Pump tubing (length; cm)	Our Code
Optima NF	20	250	T / Y (N/Free)	15.1 / 0.70	80	OPTIMANF
Twin T-Port: Short	20	290	T / T	25.8 / 0.60	150	I20QMH-S1
Twin T-Port: Long	20	450	T / T	15.5 / 0.60	150	I20QMH-L2



Free pump recalibration  
if changing over to these giving sets  
Please contact us for further information



## Description

Our range of needle-free giving sets combine the absolute best features of our ModuFlo and Optima ranges of giving sets together with our popular range of needle-free valves. They feature a fully kink-proof end extension, changeable mid-section tube section and totally needle-free access from outside the kennel and are fully compatible with a variety of infusion pumps.

Our needle-free Y-ports not only give you the safety of needle-free access but also allows an ideal way of connecting additional infusion or CRI lines into the primary set.

## Features and Design

- Choice of chamber size:
  - » Standard 20-drop,
  - » Paediatric 60-drop/ml
- Chambers are filtered and vented
- Two needle-free injection ports for:
  - ▶ ease of use and low priming volume
  - ▶ Simple connection and disconnection of additional lines
- Distal female luer lock is N/free for simple patient disconnection
- C-clamp and V-track roller valve for optimal gravity control
- Mobile luer lock collar allows compact luer slip attachment to catheter if preferred to standard luer lock option
- Colour-coded components and packaging for easy identification
- Twin in-line luer connections for full modularity
  - ▶ Add valves, extensions & regulators to suit your needs
  - ▶ Replace tube sections rather than the complete set
  - ▶ Extend set at any time without touching catheter or chamber
- 15 micron filter in drip chamber



## Set Configurations

### Standard

- ▶ 20-drop/ml chamber; 280 cm long
- ▶ Twist-resistant mid-section tubing
- ▶ Fully kink-proof and needle-free end extension
- ▶ Suits most kennel and patient size

### Paediatric

- ▶ 60-drop/ml chamber; 210 cm long
- ▶ Very resilient mid-section tubing that will not kink
- ▶ Ultra-compact needle-free mini bore end extension
- ▶ Ideal for small to medium patient sizes



Free pump recalibration if changing over to these giving sets.  
Please contact us for further information

## Product Summary

Product	Drops (per ml)	Length (cm)	Ports (N/Free; P / D)	Luers (in-line)	Full / End Priming (ml)	Pump tubing (length; cm)	Our Code
EasiFree 20	20	280	Y / Y	2	18.4 / 0.65	80	I20FNV270
EasiFree 60	60	210	Y / Y	2	16 / 0.45	80	I60FNV200



# EVA INFUSION LINES

## Description

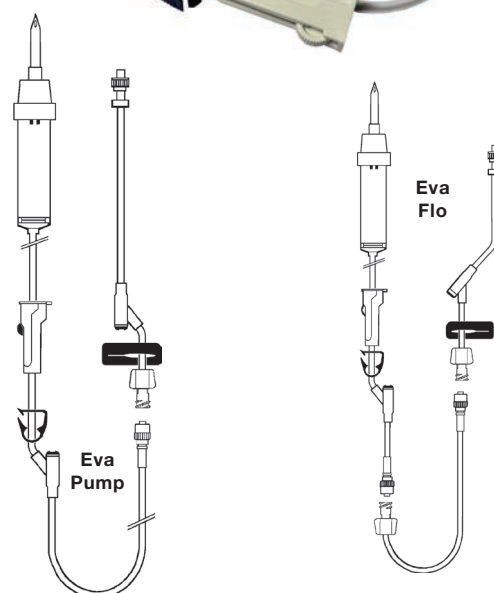
The Eva range of pump-specific giving sets suit virtually any kennel and patient. They combine some of the best features of the Optima and ModuFlo range of giving sets. They offer the best combination of performance, function and value for money available in the veterinary market.

## Features and Design

- Pump-specific tubing for superb accuracy on infusion pumps
- 20-drop ml filtered drip chamber
- Two injection ports allows for easy I/V access both outside the kennel and close to the patient
- C-clamp & roller valve for optimal gravity flow control
- Low-profile rotating male luer lock for simple catheter attachment
- Fully kink-proof end and twist-resilient mid-section tubing
- 15 micron filter in drip chamber

**With a choice of chamber sizes & set lengths, they are compatible for use on a variety of Infusion Pumps.**

Free pump recalibration  
if changing over to these giving sets  
Please contact us for further information



## Set Configurations

### Eva20

- ▶ SINGLE-piece set
- ▶ 80 cm pump-specific tubing
- ▶ Suits virtually any kennel and patient size

### EvaPump

- ▶ TWO-piece set
- ▶ 90 cm pump-specific tubing
- ▶ Single distal in-line luer connection giving an integral end extension with slide clamp for simple disconnection

### EvaFlo

- ▶ THREE-piece set
- ▶ 60 cm pump-specific tubing
- ▶ Two in-line luer connections giving full modularity of an integral end extension and changable mid-section tubing
- ▶ Integral slide clamp on end section for simple disconnection
- ▶ Add valves, flow regulators, Y-extensions etc

### EvaCoil

- ▶ SINGLE-piece set
- ▶ 60 cm pump-specific tubing
- ▶ Specially toughened spiral main tube section



## Product Summary

Product	Drops (per ml)	Length (cm)	Ports (P / D)	Luers (in-line)	Full / End Priming (ml)	Pump tubing (length; cm)	Our Code
Eva20	20	250	Y / Y	0	14.5 / 0.5	80	I20EVA01
EvaPump	20	250	Y / Y	1	13 / 0.5	90	I20EVA02
EvaFlo	20	280	Y / Y	2	22.27 / 0.5	60	I20EVA03
EvaCoil	20	390	Y / Y	0	20.75 / 0.5	60	I20EVA04

## Description

The Daily range of giving sets are quality one-piece lines offering set lengths to suit your needs. They are available in a choice of chamber sizes and lengths.

Daily giving sets provide precision flow control and feature fully kink-proof end tubing, with resilient proximal and mid-tube sections.

## Features and Design

- Choice of chamber size:
  - » Standard 20-drop,
  - » Paediatric 60-drop/ml
- Chambers are filtered and vented
- Twin Y injection ports for ease of use and low priming volume
- C-clamp and V-track roller valve for optimal gravity control
- Mobile luer lock collar allows compact luer slip attachment to catheter if preferred to standard luer lock option
- Colour-coded components and packaging for easy identification
- 15 micron filter in drip chamber
- \*Not pump compatible, for gravity use only



Our tubing does not kink!  
Luer-slip connection to 22G catheter

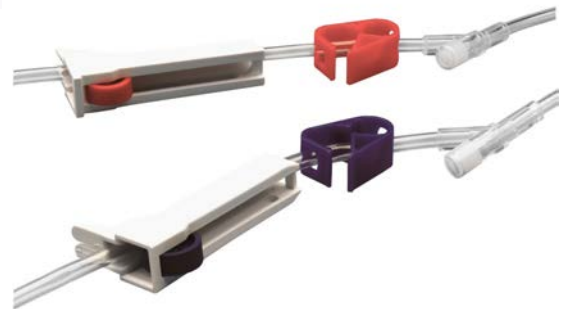
## Set Configurations

### Daily 20 set

- ▶ 20-drop/ml chamber; 240 cm long
- ▶ Twist-resistant mid-section tubing
- ▶ Suits virtually any kennel and patient size

### Daily 60 set

- ▶ 60-drop/ml chamber; 175 cm long
- ▶ Very resilient mid-section tubing that will not kink
- ▶ Ideal for small to medium patient sizes



## Product Summary

Product	Drops (per ml)	Length (cm)	Ports (P / D)	Luers (in-line)	Full/End Priming (ml)	Our Code
Daily 20	20	240	Y / Y	0	15.1 / 0.5	I20240YY
Daily 60	60	175	Y / Y	0	8.1 / 0.5	I60175YY

## Pump Servicing and General Veterinary Equipment Repairs

Infusion Concepts provides in-house Veterinary pump repairs.  
We offer free quotation and can beat any like-for-like quote for Veterinary repairs.

### Infusion Pumps

- ✓ Niki V4
- ✓ Aquapharm
- ✓ Vet Pro 2000
- ✓ Benefusion
- ✓ AniFM



For further details visit our website [www.infusionconcepts.com](http://www.infusionconcepts.com) Servicing & Repairs page

# OTHER INFUSION LINES

## Description

Here are some of our other giving sets suited for use on infusion pumps. These include an opaque set for administering light-sensitive drugs.

### Baxter-Compatible Infusion Line

Designed for use on non-dedicated Baxter Flo-Gard 6200/6201 pumps:

- ☑ Baxter Flo-Gard pump (non-dedicated; not requiring blue clip).
  - ▶ Simple one-piece giving set
  - ▶ 20-drop/ml chamber; 240 cm long
  - ▶ Rotating male luer lock
  - ▶ Twin Y-port injection sites
  - ▶ Kink-proof end tube section with low injection priming volume
  - ▶ 15 micron filter in drip chamber



### Opaque Infusion Lines

Our opaque sets safely administer light-sensitive drugs, via gravity or infusion pump, reducing priming volume and preventing drug denaturation.

#### Standard

- This set offers a single injection port and generous pump-specific tubing length. It is suitable for a number of other pumps, including the Mindray Animal Care pumps.
- Simple one-piece giving set
- 20-drop/ml chamber; 250 cm long
- 100 cm pump-specific tubing available for use on pumps
- Rotating male luer lock
- Single opaque Y-port injection site
- UV light screening/penetration:
  - ▶ 0% from 190 - 328 nm
  - ▶ < 10% from 330 - 382 nm
- 15 micron filter in drip chamber



#### Product Summary

Product	Drops (per ml)	Length (cm)	Ports (P / D)	Luers (in-line)	Full / End Priming (ml)	Pump tubing (length; cm)	Our Code
Baxter compatible	20	240	Y / Y	0	/ 0.50	80	I20240BX
Opaque set: Std-bore	20	250	Y	0	/ 3.5	100	I200PAQ1

## Rapid Admin Sets

### Description

We have two infusion sets designed for ultra-rapid fluid administration in both small and large animal practice. They combine excellent performance with superb economy.

#### Hi Flo infusion line

- ▶ Simple one-piece semi wide-bore giving set
- ▶ 10-drop/ml chamber; 200 cm long
- ▶ Rotating male luer lock
- ▶ The ideal set for rapid fluid administration in small animals
- ▶ Extremely economical for general fluid therapy in large animals

Performance (Maximum rate; litres/hr; nominated catheter sizes)

Free Flow:	50
14G x 45 mm:	21
18G x 32 mm:	8



#### Product Summary

Product	Drops (per ml)	Length (cm)	Ports (P / D)	Luers (in-line)	End Priming (ml)	Free Flow (ml)	I/V Catheter 14g x 45mm (ml)	I/V Catheter 18g x 32mm (ml)	Our Code
Hi Flo giving set	10	200	0 / 0	0	/ 36	50	21	8	HIFLO200



## Description

Our transfusion set range features three sets to meet your every need. They feature the best of low priming volume, narrow bore tubing and infusion pump compatibility to suit your needs in veterinary practice. Our narrow bore set is designed for maximum patient comfort, minimal priming volume and suitability for both infusion pumps and syringe drivers.

## Features and Design

- Standard sized chamber, 20 drop/ml with 200-240 micron filter
- Generous set length
- Compatability with a range of infusion pumps:

☒ **Mindray AniFM**    ☒ **Optima VS**

Please contact us for advice on using Niki/Aquapharm pumps for blood transfusions.  
Our Narrow bore and Standard bore sets are also suitable for Alaris GW pumps

## Set Configurations

### Feline Narrow bore

- ▶ 225 cm luer-connected set
- ▶ Narrow bore tubing for patient comfort
- ▶ Spike can be used for secure access into the blood bag
- ▶ In-line luer connection allows use on syringe driver
- ▶ Add valves, connectors, extensions and flow regulators at in-line luer connection
- ▶ FIXED Male luer lock

### Standard Transfusion Line

- ▶ 260 cm one-piece set
- ▶ Single T-port injection/sampling site
- ▶ Standard bore tubing for better flow rates and pump compatability
- ▶ Superb accuracy and economy on pumps or gravity transfusions
- ▶ ROTATING Male luer lock

### MS50 Transfusion Line

- ▶ 270 cm one-piece set
- ▶ Standard bore tubing for better flow rates and pump compatability
- ▶ Manufactured for accuracy on the Benefusion VP1 Infusion Pump
- ▶ Anti free-flow clamp on set
- ▶ ROTATING Male luer lock
- ▶ 200 micron drip chamber filter



## Product Summary

Product	Drops (per ml)	Length (cm)	Ports (P / D)	Luers (in-line)	Full / End Priming (ml)	Pump tubing (length; cm)	Our Code
Feline Narrow bore	20	225	0 / 0	1	0	80	T20N200L
Standard Blood Line	20	260	T	0	5	100	T20S260T
MS 50 set	20	270	0 / 0	0	30.7	270	MS50

# T-CONNECTOR EXTENSIONS

## Description

We offer a dynamic range of ultra-low priming volume, light-weight T-connector extensions to suit most companion animals. They feature an integral slide clamp for line closure, a choice of connection profiles, and port membrane materials.

Our original T-connector extension (EETC2010) used a 10 cm extension length with a 2.0 mm o/d tubing and a blue slide clamp. The new versions all use a 9 cm long extension with the more resilient 2.5 mm o/d tubing size with a red slide clamp.

## Features and Design

- Integral slide clamp for line closure
- Choice of connection profile
- Choice of port membrane and female luer type
- Rotating luer lock for easy positioning and connection (except EETCLS09)
- All T-connectors allow easy tape securing above catheter connection
- Compact connector bodies
- Injection priming volume is just 0.06 ml on non-latex connectors!
- Packaging on all connectors with codes ending "09" is compact



## T-Connector Extensions

### T-connector extensions

- ▶ A quality, classic non-latex T-connector; 2.0 mm o/d tubing
- ▶ 10 cm extension length allows taping above the catheter site
- ▶ Toughened tubing for improved resilience
- ▶ The lightest-weight connector in this range

### Classic T-connector extension

- ▶ A quality, resilient non-latex T-connector; 2.5 mm o/d tubing
- ▶ Plain, capped Female luer lock (FLL)

### T-connector extension with integral injection cap

- ▶ The same quality T-connector as above
- ▶ An integral injection cap is included on FLL, making this extension ideal for:
  - » Closed I/V access when a giving set is not used
  - » Frequent I/V injections when the T-port is bandaged
- ▶ Both injection sites are non-latex

### Luer-slip T-connector extension

- ▶ A quality, resilient non-latex T-connector; 2.5 mm o/d tubing
- ▶ Plain, capped Female luer lock (FLL)
- ▶ 0.06 ml injection priming volume!
- ▶ Male luer is designed for push-fit attachment, providing the lowest profile and most compact connector in our range

## Product Summary

Product	Length (cm)	Female Luer	Male Luer	T-Port	Priming (Inj. ml)	Our Code
Original T-connector	10	Plain	Rotating	Non-Latex	0.06	EETC2010
Classic T-connector	9	Plain	Rotating	Non-Latex	0.06	EETC2509
T-connector with inj. Cap	9	Inj Cap	Rotating	Non-Latex	0.06	EETCIC09
Luer-slip T-connector	9	Plain	Luer-slip	Non-Latex	0.06	EETCLS09

## T-Connector Extensions (...continued)

### Needle-free T-connector extension

- ▶ A quality, resilient non-latex T-connector; 2.5 mm o/d tubing
- ▶ FLL is a integral swabable needle-free valve
- ▶ A compact connector; 0.06 ml injection priming volume!

### Fully needle-free T-connector extension

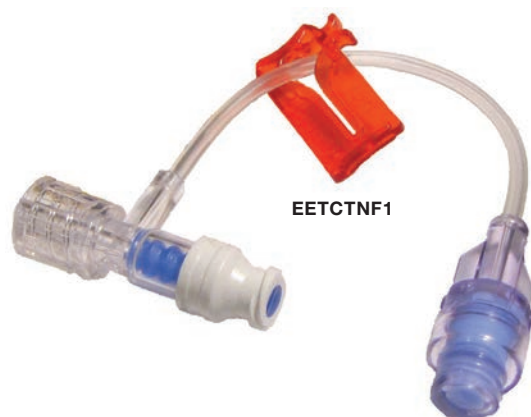
- ▶ A quality, resilient non-latex T-connector; 2.5 mm o/d tubing
- ▶ FLL is a integral swabable needle-free valve
- ▶ T-connector membrane is a swabable needle-free valve
- ▶ Injection priming volume is approx 0.25 ml

### Our comprehensive range of T-connectors

You now have a choice of SIX T-connectors in our range and we've covered the following design features that we know are important to you to give you your choice of:

- ▶ Lightweight vs more resilient tubing
- ▶ Male luer connection (rotating vs slip)
- ▶ Female luer connection (plain vs needle-free)
- ▶ T-port membrane type (non-latex vs needle-free)

If we still haven't got what you need, just ask us; it may be a product we are currently working on.



## Mini-Bore End Extensions

Using a similar design as our kink-proof end extensions, the mini bore version offers a very low-priming lightweight extension with many benefits over a standard T-connector.

- ✓ Catheter connection is much less bulky, so is more comfortable
- ✓ Once taped in place, the injection port is remote from the catheter site. This avoids catheter movement when injecting or with patient mobility
- ✓ Injection port is always free from any dressings, avoiding the need to cut down for access
- ✓ Tubing material is much more resilient and more kink-proof
- ▶ 22 cm extension length allows taping above the catheter site
- ▶ Low-profile fixed male luer lock
- ▶ Integral slide clamp for easy flow control when disconnecting
- ▶ Injection priming volume of just 0.15 ml

An ideal everyday end extension for small and medium-sized patients.



### Product Summary

Product	Drops (per ml)	Female Luer	Male Luer	T-Port	Priming (Inj. ml)	Our Code
Needle-free T-connector	9	N/Free	Rotating	Non-Latex	0.06	EETCNF09
Totally n/free extension	9	N/Free	Rotating	N/Free	0.25	EETCTNF1
Mini-bore end extension	22	Non-Latex	Fixed	Non-Latex	0.15	EEMY2518



# NEEDLE-FREE MINI BORE END EXTENSION

## Description

Our mini bore end extensions offer a great benefit with very low priming volumes and rugged resilience.

We combine the benefits of this tubing with the ease-of-use and safety of needle-free valves in our range of needle-free end extensions.

## Features and Design

- 100% silicone valves; swappable, so do not need capping
- Simplifies patient disconnection
- Easier and safer injection access
- Allows connection of secondary lines to needle-free Y-ports
- Integral slide clamp for line closure
- Choice of port orientation
- 100% MRI-compatible

## Needle-Free Mini Bore Extensions

### Needle-free mini bore (EEMYFNV2)

Uses an inverted needle-free Y-port in place of a standard Y-port. This means that when looped around as normal, the Y-port faces you from the front of the patient for direct syringe access.

- ▶ 25 cm extension length; 0.25 ml priming volume
- ▶ Needle-free port prevents needle-stick injuries & is perfect for:
  - ✓ Direct IV injection from a syringe
  - ✓ Anaesthesia, especially induction
  - ✓ Secondary line access (additional fluids, CRI line etc)
  - ✓ Injections from needled insulin syringes

An ideal end extension for CRI and MRI Infusions.

### Fully Needle-free mini bore (EEMYFNV3)

This extension is based on the above EEMYFNV2 extension. However, with this extension the female luer is also needle-free, making patient disconnection easier without the need to use a separate valve.

- ▶ 25 cm extension length; 0.25 ml priming volume
- ▶ Needle-free port prevents needle-stick injuries
- ▶ Needle-free female luer lock for simple patient disconnection

### Needle-free short mini bore (EEMSFN1)

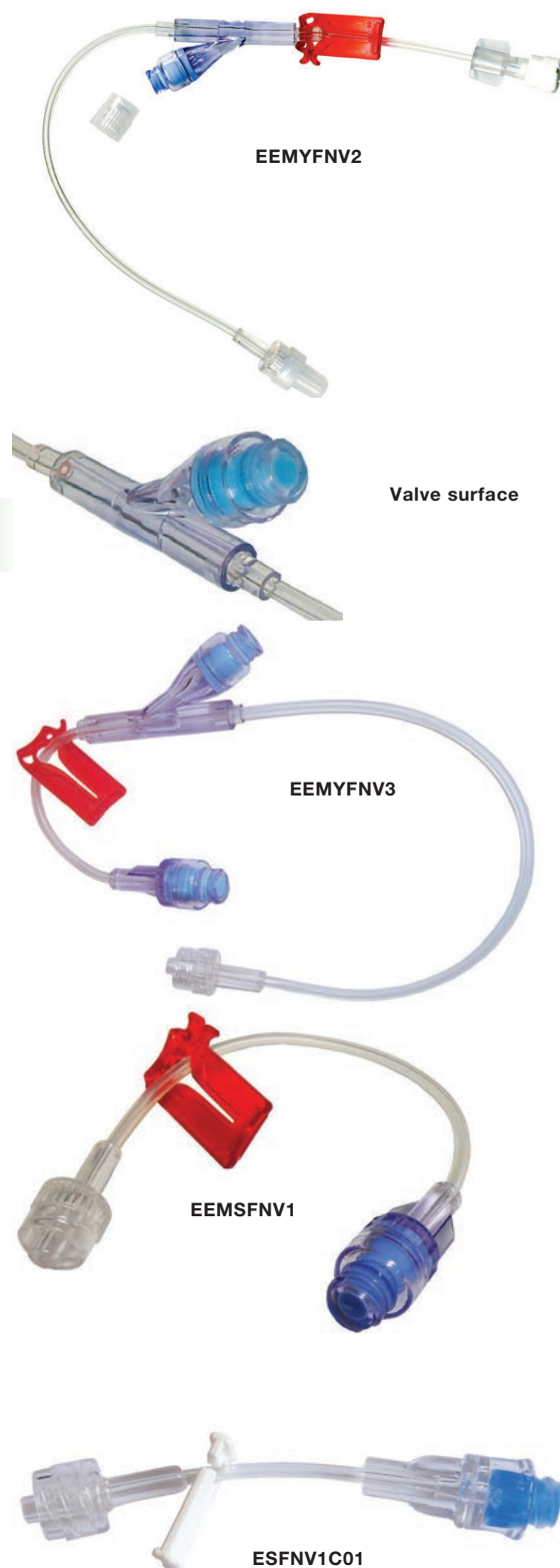
A simple extension giving needle-free access.

- ▶ 10 cm extension length; 0.20 ml priming volume
- ▶ Ideal for use with general I/V access work where infusion lines are not constantly connected.

### Needle-free mini bore connector (ESFNV1C01)

A simple, short extension giving needle-free access.

- ▶ 4 cm free tubing length; 0.15 ml priming volume
- ▶ Ideal for use with general I/V access work where infusion lines are not constantly connected or as an accessible catheter access point when extension length is not required.
- ▶ Our most compact needle-free connector



## Product Summary

Product	Length (cm)	Female Luer	Male Luer	Y-Port	Priming (Inj. ml)	Our Code
Needle-free mini bore	25	Plain	Fixed	N/Free	0.25	EEMYFNV2
Fully Needle-free mini bore	25	N/Free	Fixed	N/Free	0.25	EEMYFNV3
N-free short mini bore	10	N/Free	Fixed	n/a	0.20	EEMSFN1
N/free connector	4	N/Free	Fixed	n/a	0.15	ESFNV1C01

## Description

We offer three kink-proof end extensions in our range. These extensions are extremely rugged but also offer excellent compliance and patient comfort. In addition, you have a selection of Y-port configurations as well as your choice of extension length.

## Features and Design

All our kink-proof end extensions feature low injection priming volumes and allow secure attachment above the catheter site.

- Kink-proof tubing ensures fluid path always remains open at all times
- Fully mobile luer lock collar allows luer slip or luer lock attachment
- Low injection priming volumes on all extensions
- Choice of standard or needle-free Y-port
- Choice of extension length
- Very small loop diameters for improved patient compliance and simplicity of dressing.

## Kink-Proof End Extensions

### Short end extension

- ▶ Compact 25 cm long
- ▶ Priming volume just 0.5 ml
- ▶ Standard non-latex Y-port injection site
- ▶ Standard female luer connection
- ▶ Replacement end extension for ModuFlo sets

### Kink-proof end extension

- ▶ 50 cm long
- ▶ Priming volume just 0.5 ml
- ▶ Standard non-latex Y-port injection site
- ▶ Standard female luer connection

### Needle-free standard bore end extension

- ▶ 25 cm long
- ▶ Priming volume just 0.7 ml
- ▶ Integral needle-free valve on female luer connection
- ▶ Needle-free Y-port injection site allows:
  - ✓ simple I/V access via syringe
  - ✓ no risk of needle-stick injury
  - ✓ suitable for needled I/V access if required
  - ✓ connection of additional line for secondary lines/extensions or Continuous Rate Infusions

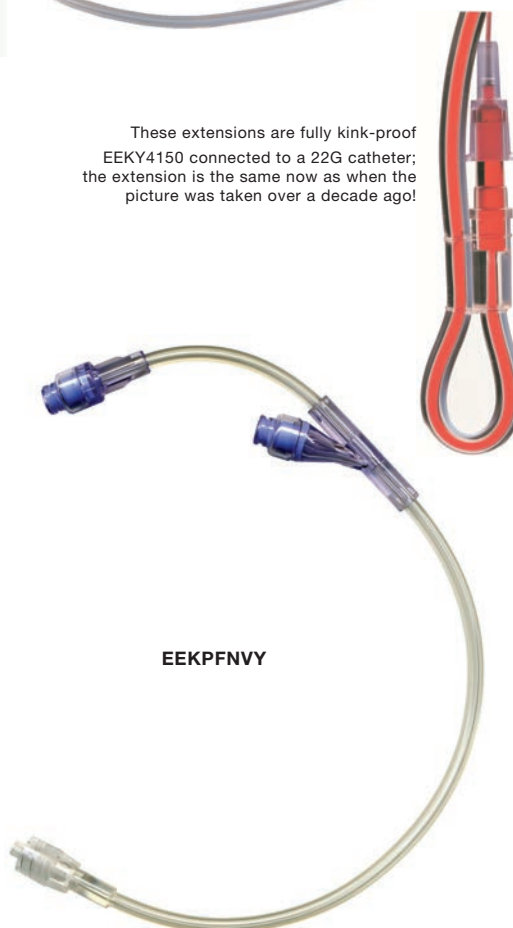


EEKP4125



EEKY4150

These extensions are fully kink-proof  
EEKY4150 connected to a 22G catheter;  
the extension is the same now as when the  
picture was taken over a decade ago!



EEKPENVY

## Product Summary

Product	Length (cm)	Female Luer	Male Luer	Y-Port	Priming (Inj. ml)	Our Code
Short end extension	25	Plain	Fully Mobile	Std Non-Latex	0.5	EEKP4125
Kink-proof end extn.	50	Plain	Fully Mobile	Std Non-Latex	0.5	EEKY4150
Needle-free kink-proof	25	N/Free	Fully Mobile	N/Free	0.7	EEKPENVY

# CRI, TIVA & FLOW REGULATOR EXTENSIONS

## Description

We are proud to be the exclusive distributors of the Mediplus range of specialised connectors. They act as compact, flexible, low-volume manifolds and are an ideal way to connect multiple lines into a single catheter for Continuous Rate Infusions (CRI) and Total IntraVenous Anaesthesia (TIVA) cases.

## Features and Design

- 8 cm extension length, with a removable loop bridge
- Anti-reflux or anti-siphon valves on all inlets
- Kink-resistant tubing
- Rotating male luer lock to catheter connection

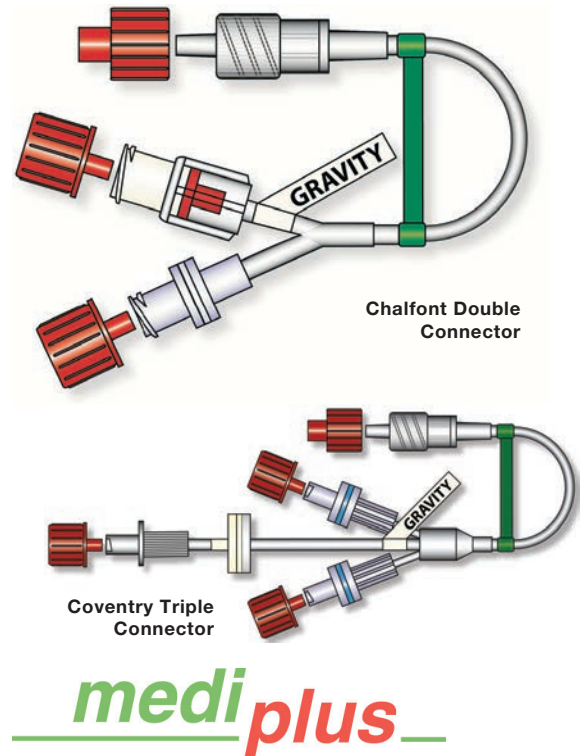
## Safety Valves

### 1. Anti-Reflux valves

- “Open” check valve to prevent back flow of fluids into extension
- Allows gravity flow so line does not need a pump

### 2. Anti-Siphon valves

- “Closed” check valve to prevent back flow of fluids into extension
- Requires positive pressure via pump to allow fluid flow, thus preventing siphoning of drugs if the syringe is removed from the syringe driver



## Mediplus Connectors

### Chalfont Double connector

- ▶ One gravity line
- ▶ One anti-siphon line

### Coventry Triple connector

- ▶ One gravity line
- ▶ TWO anti-siphon lines

## Product Summary

Product	Length (cm)	Gravity lines	Anti-Siphon Lines	N/Free Lines	Priming (Inj. ml)	Our Code
Chalfont double	8	1	1	0	0.4	EEMD6507
Coventry triple	8	1	2	0	0.4	EEMT6510

## Flow Regulator Extension

## Description

Flow regulators make rate adjustments easier and more precise, especially at low flow rates or when making frequent adjustments. Fluid passes through channels which immediately change in size as the flow rate is altered, so there is no issue with tubing compliance.

## Features and Design

- Regulator extension can be used at any luer connection
- Designed for use at proximal connection in ModuFlo sets
- Indicated regulated flow rate of 0 - 250 ml/hr

### Ideal for:

- ▶ Gravity infusions at very low rates, especially small patients
- ▶ Any infusion requiring frequent rate alterations

## Product Summary

Product	Length (cm)	Female Luer	Male Luer	Port	Flow Rate (Indicated)	Our Code
'Twist' Regulator	15	Plain	Fixed	nil	0 - 250	FPV250T





## Description

"Y" and "W" connectors allow connection of multiple lines into a single line. They provide a flexible access point for large volume boluses, parallel infusions or connections for syringe drivers to run CRI infusions. Our connector extensions all have C-clamps or slide clamps on each inlet tube to allow independent flow control.

## Features and Design

- Choice of extension length
- Choice of plain or needle-free female luer connection
- C-clamp or slide clamp on each inlet tube

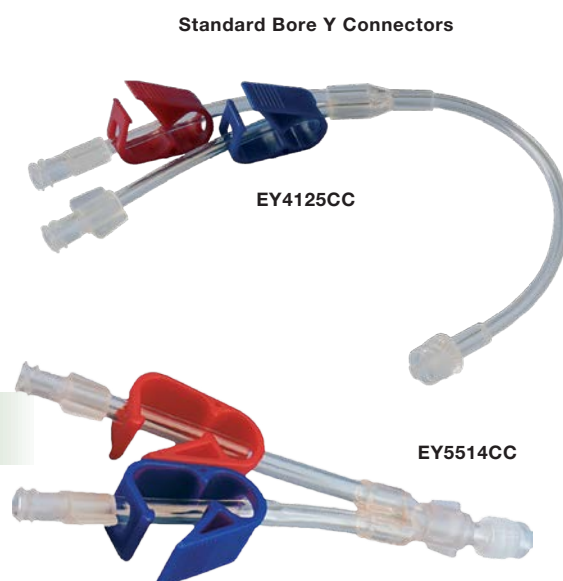
## Standard Bore Y Connectors

### "Y" extension set

- ▶ 25 cm Y-extension; Fixed male luer lock
- ▶ Ideal connector for small animal use
- ▶ Suitable for connection directly to catheter

### "Y" connector

- ▶ 14 cm Y-extension; Rotating male luer lock
- ▶ Ideal connector for large animal use
- ▶ Best flow rate of all connectors
- ▶ NOT intended for connection directly to catheter or end extension



### NF Mini Bore Y & W Connectors



## N/Free Mini Bore Y & W Connectors

Our range of ultra compact Y & W connectors offer an economical solution for connecting multiple lines into a single extension or catheter.

- Needle-free female luers for quick, easy & safe patient disconnection
- Connector design gives virtually nil priming volume
- Mini-bore tubing for ultra light-weight connection
- 8 cm connector total extension length; free tube length is 4 cm

### Needle-free mini bore "Y" connector

- ▶ TWO lines directly into a single catheter connection

### Needle-free mini bore "W" connector

- ▶ THREE lines directly into a single catheter connection



## Product Summary

Product	Length (cm)	Lumens (# of lines)	Catheter connection	Priming (One side, ml)	Priming (Full set, ml)	Our Code
Y-extension set	25	2	Yes	0.8	1.1	EY4125CC
Y-connector	14	2	No	1.3	2.2	EY5514CC
N/Free "Y" connector	8	2	Yes	0.4	0.7	EYFNV2C02
N/Free "W" connector	8	3	Yes	0.4	0.9	EWFNV3C03

# STRAIGHT & SPIRAL EXTENSIONS

## Description

We offer a range of straight extension lines to meet your clinical needs. They give you the choice of standard replacement extensions or pump-specific tubing.

## Features and Design

- High pliancy, twist-resistance and good flow rates
- Choice of wide, standard or narrow bore tubing
- Choice of extension length (75 - 220 cm) and priming volume



## Straight Extensions

- ▶ Replacement mid sections for ModuFlo giving sets
- ▶ Wide-bore extension available for rapid fluid administration
- ▶ Ideal for drainage work with tubing does not collapse under negative pressure
- ▶ ESSHK075 features standard tubing with an integral slide clamp



## Product Summary

Product	Length (cm)	Priming (ml)	Replacement (mid-section for)	Our Code
Narrow bore	110	3.5	IPM200TY & IBM200TY	ESN41110
Standard bore	180	13	ISM260TYSupreme	ESS55180
Standard with slide clamp	75	5.9	n/a	ESSHK075

## Spiral Extensions

### Description

Our spiral extensions allow you maximum extension length with a minimum of loose tubing. Select your extension of choice according to your patient's and kennel needs for flexibility & priming volume.

### Narrow bore Spiral Extension

- ▶ Light-weight, pliant and very low priming volume
- ▶ Ideal for small patients needing longer infusion lines
- ▶ Excellent alternative for our feline closed urine collection system (DRAINSET).

### Standard bore Spiral Extension

- ▶ Increased length & flow rates; ideal for larger kennels & patients
- ▶ Excellent general spiral extension
- ▶ Ideal for CRI infusions at higher flow rates & on larger patients



## Product Summary

Product	Length (cm)	Female Luer	Male Luer	Port	Priming (Vol. ml)	Our Code
Narrow bore	135	Plain	Rotating	nil	2.3	ECN30135
Standard bore	250	Plain	Rotating	nil	11.0	ECS41250

## Transfer Sets

### Description

Transfer sets connect secondary fluid bags into primary bags to create a piggyback infusion through a single giving set. This allows prolonged infusions from standard bags as well as easier administration of large fluid volumes.

### Features and Design

- C-clamp for easier flow control
- Proximal connection is a plain bag spike
- Distal connection is your choice of male luer or plain bag spike

### Small animal transfer set

- ▶ Pliant tubing with generous length
- ▶ Fixed male luer lock connection distally
- ▶ Connects secondary bag spike into primary injection port via needle
- ▶ You can also connect directly into injection port on giving sets



### Product Summary

Product	Length (cm)	Proximal connection	Distal connection	Bore Diam (One side. ml)	C-clamp	Our Code
SMALL animal	80	Bag Spike	Fixed MLL*	2.6	Yes	ETXFSPB2

\* MLL = Male Luer Lock

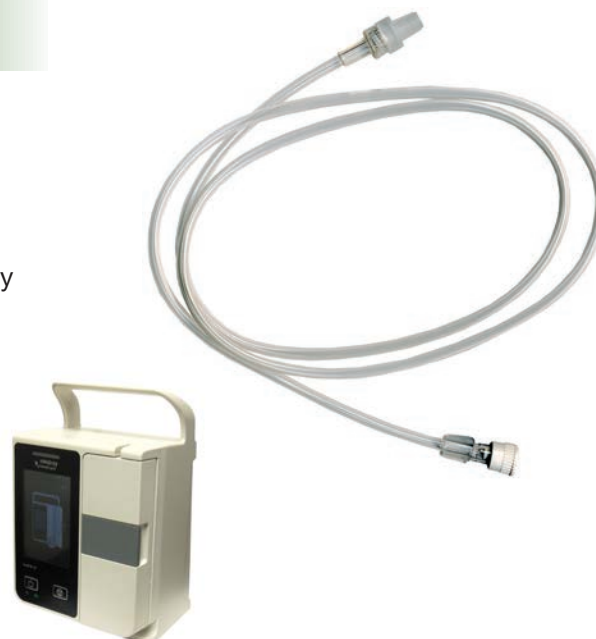
## Infusion Pump Extensions

### Description

Our infusion pump extensions allow accurate infusion on any luer-connected giving set on specified pumps, allowing perfect infusion accuracy with your preferred choice of giving set.

They also allow drug delivery via a syringe into an extension line, avoiding the need for using a syringe driver to deliver drugs accurately via a syringe.

- ▶ 100 cm extensions to convert luer-connected sets to pump use
- ▶ Standard extension is ideal for Niki, VetPro, Aquapharm, Alaris GW and Mindray Animal Care pumps
- ▶ Baxter-compatible suits non-dedicated FloGard 6200 & 6201 pumps
- ▶ Superb accuracy on your infusion pump
- ▶ Increases the life span of your giving set
- ▶ Allows delivery of drugs from a syringe via your pump (please contact us for further details)



### Product Summary

Product	Length (cm)	Priming (ml)	Replacement mid-section for	Our Code
Optima	100	7.5	Niki, VetPro, Optima	EPUMP100
Baxter-compatible	100	6.0	FloGard 6200 & 6201	EPUMPBX



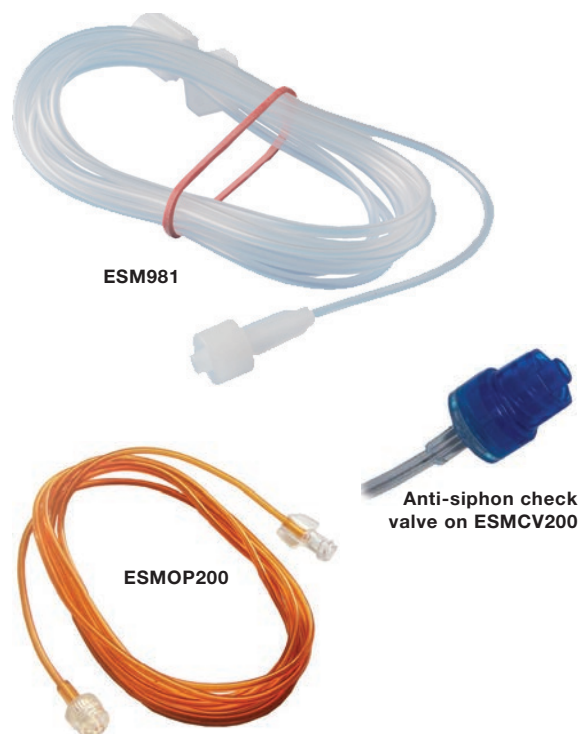
# SYRINGE DRIVER EXTENSIONS

## General Driver Extensions

We offer a full range of syringe driver extension lines for all applications including general syringe driver use, CRI drug infusions and invasive manometry. We also supply opaque extensions for use with light-sensitive drugs in two lengths for ease of use.

## Features and Design

- Mini bore extensions for general syringe driver use
- High pliancy, twist-resistance and good flow rates in standard lines
- Ultra-low priming volumes; Extremely light-weight
- Our pliant opaque extensions are available in your choice of two lengths and filter UV light wavelengths as follows:
  - » 100% between 190 - 328 nm
  - » > 90% between 330 - 382 nm
- ▶ ESM25200: Extension for everyday use and general CRI infusions
- ▶ ESMCV200: Extension line with safety anti-siphon check valve fitted
- ▶ ESM921: Wider bore gives lower back pressure
- ▶ ESM981: Ideal for invasive manometry; stiff tubing
- ▶ ESMOP075: Opaque extension; 75 cm long
- ▶ ESMOP200: Opaque extension; 200 cm long



## Product Summary

Product	Priming (ml)	Pliancy	A/S valve	Length (cm)	Our Code
Mini-bore; general use	1.70	High	No	200	ESM25200
Mini-bore; anti-siphon safety valve	1.70	High	Yes	200	ESMCV200
Mini-bore; manometry	1.70	Low	No	200	ESM981
Wider-bore; lower resistance	3.50	High	No	200	ESM921
Opaque extension; short	0.65	High	No	75	ESMOP075
Opaque extension; Standard	1.70	High	No	200	ESMOP200

## Mediplus Extensions

### Description

We offer TWO specialised extensions for use on CRI/TIVA infusions. They optimise CRI infusion safety with non-return valves with options for single or triple line connections and simplify connections for intensive CRI infusion therapy.

### Features and Design

- 200 cm mini bore extensions for syringe driver and gravity use
- Pliant siamese twin bore tubing on double and triple sets to prevent lines tangling
- Special mixing connector to ensure drugs mix thoroughly prior to administration
- Anti-siphon and anti-reflux valves to prevent fluid backflow

#### Single Line Extension

- ▶ Single syringe driver extension with anti-siphon valve & fixed MLL\*

#### 3-Way/Triple Line Extension

- ▶ Triple extension with two syringe lines and one gravity fluid line
- ▶ Rotating MLL connection

\* MLL = Male Luer Lock

## Product Summary

Product	Length (cm)	Priming vol** (ml)	Syringe Lines	Gravity lines	Pack size	Our Code
Single extension	200	n/a	1	nil	1	ESMS6611
Triple extension	200	0.4	2	1	1	ESMT6603



Triple line extension

## Description

We offer two ranges of needle-free valves to suit your needs and make patient management so much easier. One range features caps at both ends of the valve to make clinical management easier whilst the other has no caps, and offers you the best economy.

## Features and Design

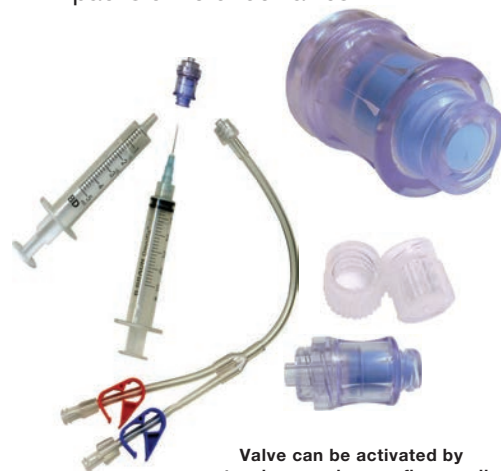
- Silicone luer-activated valve for use on any female luer lock
- Surface is swabable, so no capping is required in normal use
- Valve is pre-slit silicone so fluid path is through centre of valve
- Makes patient disconnection from a giving set quick & simple
- Reduced risk of losing catheter connection when moving patient
- Fully compatible with all transfusion and blood products
- Valve can be autoclaved if asepsis is broken before use
- When connected, fluid or air can move freely in both directions
- Valve closes fully prior to withdrawal of luer connection
- Valve surface is slightly convex for easy swabbing
- Low engagement pressure for easy attachment and disconnection
- Can access valve with giving set, extension line, syringe or fine needle
- Fully MRI-compatible and lipid-stable

## Function & Uses

- ▶ Closing any female luer (catheter or extension line) securely
- ▶ Chest drains for secure closure & easy drain access & management
- ▶ Foley catheter closing cone for easier and more hygienic management

## Valve Types & Presentations

- ▶ FNVMF-H: Caps at both ends; available as a single valve
- ▶ FNVMULTI & FNVBULK: No caps; packs of 10 or 50 valves



Valve can be activated by extensions, syringe or fine needle

## Caps For Needle-Free Valves

### Vented, non-activating cap

- A non-activating cap for swabable needle-free valves
- Protects valve surface from gross contamination
- Ideal when bathing or exercising patient. Perfect for our multi and bulk packs of valves, which are supplied without this cap
- Supplied non-sterile in packs of 20

## Product Summary

Product	Sterile	Autoclavable	Capped	Surface	Pack size	Our Code
Needle-free Valve (single)	Yes	No	Yes	CONVEX	1	FNVMFH
Needle-free Valve (pack of 10)	Yes	Yes	No	CONVEX	10	FNVMULTI
Needle-free Valve (pack of 50)	Yes	Yes	No	CONVEX	50	FNVBULK
Non-activating cap for valve	No	No	No	Flat	20	FNVCAP20

## DualCap® Disinfectant Caps

NEW

Dual Cap Needle Free

## Description

A practical, comprehensive solution to disinfect & protect needle-free valves and male luer connections. The male luer cap is the only one of its kind that prevents IPA from entering the fluid path. A simple twist connection and the tapered design ensures that the Dualcap fits tightly.

## Features and Design

- 70% isopropyl alcohol impregnated sponge ensures delivery of disinfectant to all surfaces.
- Disinfects within 30 seconds
- Provides barrier to contamination for up to 7 days
- Valve can be accessed immediately after DualCap removed
- Ideal for infrequently used valves such as I/V access ports, vial adaptors, bag spikes etc.

Dual Cap Male Luer



## Product Summary

Product	Sterile	Autoclavable	Capped	Surface	Pack size	Our Code
Dual Cap Needle Free	Yes	No	No	Sponge	10	DUALC-NF10
Dual Cap Male Luer	Yes	No	No	Sponge	5	DUALC-ML5

## Needle-Free 0.2 Micron In line Filter NEW

### Description

Our needle-free, in-line 0.2 micron filter aids the removal of contaminants from intravenous products including particle matter, bacteria and air emboli.

The needle-free valve allows the connection of an infusion set, as well as fluid to be introduced by needle or syringe.

- Valve can be activated by extensions, syringe or fine needle
- Needle-free female luer helps prevent needle-stick injuries.
- Can inject direct into filter or can be placed in-line
- 0.2 micron suitable for most medications including Mannitol (>15%)
- Volume limit depends in bacteria burden of liquid being filtered

Please note that the use of in-line filters can decrease flow rates and cause clogs or airlocks if not used correctly. If clogging occurs, this could be a sign of precipitate and a new filter should be used, not removed.

### Product Summary

Product	Pack size	Sterile	Luer(s) capped	Our Code
N/Free In-line Filter	Single	Yes	Yes	NFINFILT
N/Free In-line Filter	10	Yes	Yes	NFFILT10



## First call for your **CRITICAL CARE** needs

- ▶ Feeding tubes
- ▶ Blood Collection Bags
- ▶ Oxygen Delivery



**infusion  
concepts**

## Injection Caps

### Description

We offer three different injection caps in a choice of pack size. Ideal for connection directly to catheters to allow intermittent injections. Caps have non-latex membranes and are available via your wholesaler.

### Features and Design in common

- Allows injection into capped extensions and catheters
- Ideal for capping catheters, extensions, T-connectors & female luers

#### Original Injection Caps

- ▶ Extremely robust with long injection port life with multiple punctures
- ▶ Extremely low injection priming volume
- ▶ Available in packs of 10 or 100 caps

#### Eva Injection Caps

- ▶ Very compact profile with large injection target area
- ▶ Very low injection priming volume
- ▶ An extremely economical injection cap; boxes of 100

#### Combi Caps

- ▶ Same quality injection cap as INJCAP10; for female luers or catheters
- ▶ Vented cap for male luers (e.g. end of giving set); CombiCap closes both female and male luer locks on infusion and extension lines



### Product Summary

Product	Pack size	Sterile	Luer(s) capped	Our Code
ORIGINAL injection cap	10	Yes	No	INJCAP10
ORIGINAL injection cap	100	Yes	No	INJCAPM
EVA injection cap	100	Yes	No	EVAINJ01
Combi cap	10	Yes	Yes	COMBI10

## Closed Caps

### Description

We offer TWO different closed caps in a choice of pack size. Caps both male and female luer connections to maintain sterility of infusion & extension lines, syringes and connectors. Please check our price and codes lists to see if your wholesaler supplies this product.

### Features and Design in common

- Blind-ended caps with both male & female luer connections
- Connects to male or female luer (or both)
- Excellent to cap syringes with liquids dispensed to clients

#### Original Closed Caps

- ▶ Longer male prong for easier positioning
- ▶ Available in blue caps: Packs 10 or 100 caps

#### EVA Closed Caps

- ▶ Shorter, more compact profile
- ▶ Available in packs of 100 red caps



### Product Summary

Product	Pack size	Sterile	Luer(s) capped	Our Code
ORIGINAL closed cap	10	Yes	No	CLOSED10
ORIGINAL closed cap	100	Yes	No	CLOSEDM-B
EVA closed cap	100	Yes	No	EVACLD02



## Check Valve

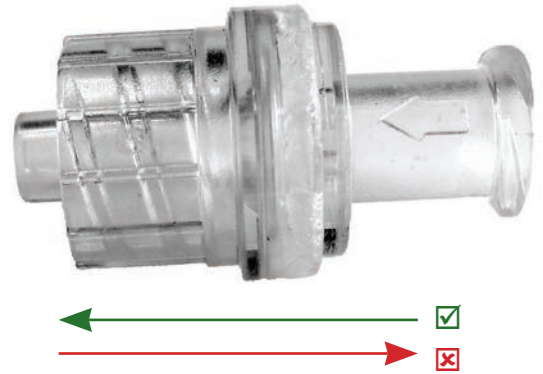
### Description, features & design

An in-line open silicone disc valve giving one-way flow of fluid or air. The valve prevents backflow of fluids under pressure from a secondary line. Connects to any female luer lock.

- Prevents bleeding if patient damages line above valve
- If distal pressure exceeds infusion pressure, the valve closes and prevents fluid movement back toward the chamber on the giving set.

### Function & Uses

- In-line luer connector ensures **forward** fluid movement only
- Reversed direction ensures flow is **away** from patient



## 4-Way Stopcocks

### Description, features & design

Our wide-bore stopcocks offer superb drainage and infusion performance together with a number of benefits over standard stopcocks.

- Lumen diameter is 50% larger than standard 3-way taps
- Significantly reduces resistance with aspiration procedures
- Improved flow rates
- Lipid-stable
- Two handle configurations are available:
  - » SC4W1FG: Single GREEN 'OFF' handle
  - » SC4W3NB: Triple BLUE 'ON' handle



## Swivel Connector

### Description, features & design

Our swivel connector provides 360° rotation at any luer connection, helping to prevent lines tangling and occluding.

- Male & female luer connector with silicone "O" ring
- Ideal for mobile or difficult patients that tend to twist giving set
- Ideal for use on either luer connection on ModuFlo sets
- Ideal for procedures with needled syringe that still requires movement



## Double Connectors

### Description, features & design

Our double connectors allow joining of two of the same luer types together.

- Effective reversal of direction of extensions, valves, catheters etc
- Allows opposite action of check valves for drainage work
- Supplied in sterile blisters; one each of double male & female connectors

### Function & Uses

- Double **MALE** connector joins two *female* luers
- Double **FEMALE** connector joins two *male* luers

### Product Summary

Product	Pack size	Sterile	Luer(s) capped	Our Code
Check Valve	1	Yes	Yes; FLL	FCVMF1
Stopcock; Green, single 'off' handle	1	Yes	Yes	SC4W1FG
Stopcock; BLUE, triple 'on' handle	1	Yes	Yes	SC4W3NB
Swivel Connector	1	Yes	No	CSWMF1
Double Connectors (male & female)	10	Yes	No	CMMFF10



**mindray**

**CME**  
Caesarea Medical Electronics

We supply FOUR ranges of giving sets designed to provide maximum performance on your pumps as well as excellent all-round gravity fluid delivery:

- **Optima**
- **ModuFlo**
- **Eva**
- **Needle-Free Sets**

**Change to our market-leading ranges of giving sets and we will recalibrate your pumps FREE of charge (not including postage).**

#### Services Available

- Sales & Servicing
- General & Warranty Repairs
- Re-Calibration
- Service Contracts
- Clinical Training
- Quality Consumables

#### Key Features & Benefits

- **Fast Turnaround**
  - » Typically just 2 - 3 days (from authorisation to repair)
- **Cost-Effective**
  - » Fixed cost repair – **NO HIDDEN CHARGES!**
- **Excellent Customer Care**
  - » Our engineer will call to discuss any repair work and quotation
  - » Honest advice given about repairs required

#### Get a comparative quote

Please feel free to contact us for a direct comparison of our great prices against any recent quote or repair bill you may have had. We only need to know labour costs and details of the parts used.

#### Contact our workshop directly

- » Tel: **01347 879 139**

#### Send us your equipment for repair

Please send your equipment directly to our workshop for the fastest turnaround time. Don't forget:

- » A compliment slip or address details of where you want us to return the pump after repair
- » A description of the fault
- » A day time contact number of who to contact to discuss repair work/quotation
- » A sample of the giving set you are currently using or wanting to use (If it's one of ours, don't worry about this we have loads)
- » Send your equipment directly to our Service Centre (this will help us provide a quick turnaround time)
- » **Infusion Concepts Service Centre**  
Unit 1, Alan Farnaby Way  
The Industrial Estate  
Sheriff Hutton  
YORK  
YO60 6PG



#### Don't take our word for it. Here are comments from just a few of our customers...

"The service and repairs we have received from yourselves have been extremely quick and efficient. You have kept us up to date with every aspect of all our repairs, including any costs we are incurring"

**Gillian Kerrod; Abbey House Veterinary Hospital**

"Thank you again for your continued brilliant service for us - it's greatly appreciated!"

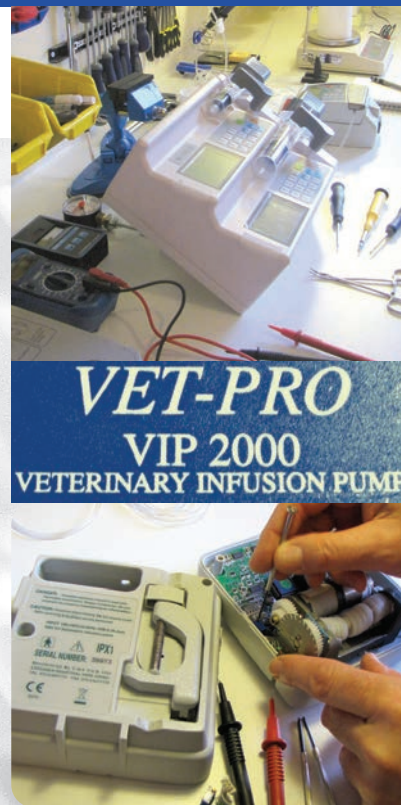
**Rachel Hilton; VetsNow**

"... We found their products very competitively priced, but price isn't everything; service counts for a lot - we have had our pumps serviced and re-calibrated by them and returned within three days. The team are friendly, knowledgeable and above all - reliable"

**Stuart Saunders; Coombefield Veterinary Hospital**

"We have recently started sending all our items for repair to Infusion Concepts and have found them to be extremely helpful, reliable and prompt..."

**Sophie Griffiths; North Downs Specialist Referrals**



## Design

VetCath is our range of high-quality peripheral I/V catheters. They are manufactured in Italy and offer a choice of hub configuration/shape. They will make your I/V access placement simple, safe, easier and more cost effective.

## Features

- Atraumatic venous puncture due to:
  - ▶ Back-bevel sharpened needle tip for ease of direct puncture
  - ▶ Stiffer stylet for more positive puncture and advancement
  - ▶ Conical tapered tip with optimal catheter needle tip distance
- Choice of THREE hub configurations
- All hub shapes allow simple one-handed placement
- Transparent flash-back chamber with removable filter cap
- Three radiopaque marker lines
- Luer lock cap included to close catheter luer if required
- The stiffer stylet means:
  - ▶ Easier venipuncture without needing to cut down
  - ▶ Positive "feel" without problems caused by a fully rigid stylet/needle



Ultra-sharp, back-bevelled needle tip with optimal catheter-to-needle tip distance

PUR material softens in blood, helping to prevent kinking

Quick, positive, visible flash-back



## Hub Style/Configurations

VetCath catheters are available in a choice of THREE hub configurations to suit your preference. The small ridge on our "T" and "1" catheters styles makes flicking the catheter off the needle with a single-handed action so easy; you never need to 'pre-loosen' the catheter from the needle.

### VetCath T

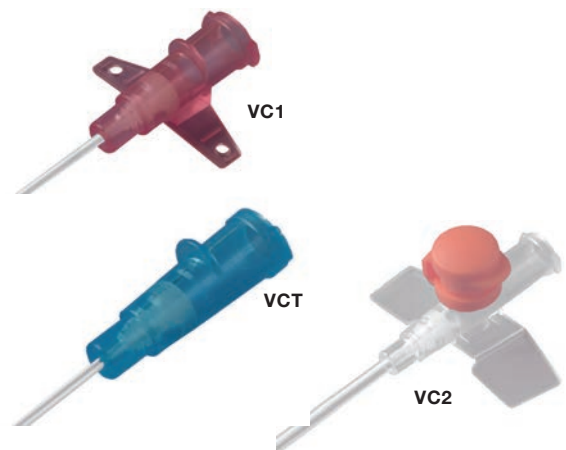
- Small ridge on hub
- NO wings

### VetCath 1

- Small ridge on hub
- Small wings with suture holes

### VetCath 2

- Large, foldable wings with no ridge
- Covered injection port with one-way valve
  - » The valve allows needle-free injections with a ZERO priming volume



Standard 20G x 32 mm

Saphenous: 20G x 51 mm

## Catheter material

VetCath catheters are made in both polyurethane and teflon materials, each offering their own unique benefits to suit your preference.

### Teflon (PTFE)

- Teflon is the classic I/V catheter material that you will used to:
  - » A more resilient catheter material
  - » Reduced problems with tip fraying

### Polyurethane (PUR)

Polyurethane softens when in contact with the body warmth of blood flow. This is the more bio-compatible material for peripheral catheters of the two and offers the following benefits over standard materials:

- Smoother insertion
- Improved patient comfort
- Extended placement duration
- Reduced problems with kinking
- Reduced vein wall trauma

## About Our Product Codes

Our codes combine both descriptive characters and manufacturers reference. A typical code would be with the following layout:

**VCT9999P**

'VC' shows you have a VetCath catheter

'T' shows you have the hub with no suture wings, '9999' is the manufacturer's code for this catheter size, hub and material

'P' indicates catheter material is polyurethane

'T' indicates catheter material is teflon

### VETCATH: TRY BEFORE YOU BUY!

Contact us for your free samples of VetCath or Delta Ven catheters if you've not tried them yet

**We are the exclusive distributor of VetCath in the UK**

Please refer to our price/code section for details on sizes available and list prices



## Design

Infusion Concepts offers high quality peripheral IV catheters, all expertly manufactured in Italy. Designed to streamline and safeguard IV access placement, these catheters are not only high in quality but also cost-effective.

## Features

- Conical tapered tip
- Back-bevel sharpened needle tip
- Stiff stylet for positive puncture
- Luer lock cap included
- Transparent flash back chamber
- Positive "feel" without problems caused by a rigid stylet/needle

## Hub Style/Configurations

Delta Ven & Neo Delta Ven Catheters come in THREE hub configurations (T, 1 & 2), each designed for different uses. The small ridge on all 3 configurations is designed with ease of use in mind, allowing for single handed use.

## Catheter Material

Codes beginning with "ND", indicate polyurethane catheter material – this softens when warmed by body heat, providing a smoother insertion and reduces vein wall trauma.

Codes beginning with "DV", indicate Teflon catheter material – this classic catheter material is more resilient and reduces issues with tip fraying.

## About Our Product Codes

Our codes combine both descriptive characters and manufacturers reference, for example: DV19999

'DV' Shows you have a Delva Ven Catheter, with Teflon catheter material '1' Shows you have the hub with small wings and suture holes '9999' is the manufacturers code for size, hub and material.

### Delta Ven/Neo Delta Ven T

- Small Ridge
- No wings
- Back-Bevel Sharpened Needle
- Stiff Stylet

### Delta Ven/Neo Delta Ven 1

- Small Ridge
- Small Wings with Suture Holes
- Back-Bevel Sharpened Needle
- Stiff Stylet
- Tapered Tip

### Delta Ven/Neo Delta Ven 2

- Covered injection port with one way valve
- Large Foldable Wings
- Back-Bevel Sharpened Needle
- Stiff Stylet
- Tapered Tip

Please refer to our price/code section for details on sizes available and list prices



## Scalp Vein Sets

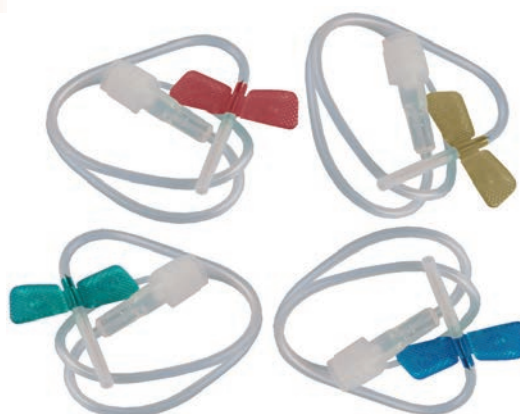
### Description

Our popular butterfly sets offer the following features and benefits:

- Ultra sharp needle
- Large, soft, pliant wings
- 30 cm extension tubing
- Handy packs of 5 sets
- Available in 23, 21 & 19 G sizes

They are ideal for:

- ▶ Blood sampling awkward patients
- ▶ Short-term supervised fluid administration
- ▶ Temporary drainage procedures



### Product Summary

Size (G)	Length (cm)	Pack size	Our Code
23	30	5	SVCAP23
21	30	5	SVCAP21
19	30	5	SVCAP19

Ideal for thoracocentesis and short-term thoracic drainage



## Polyurethane catheter kits for placement by the Seldinger (guide wire) technique

### Features

- Soft tipped catheters provide easy, atraumatic venous access
- Supplied as a kit with all items necessary for placing and capping

Visit our Knowledge Centre page on our website for further details and information. ([www.infusionconcepts.com/knowledge-centre](http://www.infusionconcepts.com/knowledge-centre))

### Details

- Available in a wide range of:
  - » Lengths
  - » Catheter sizes
  - » Number and sizes of channels
- Guide wire has straight soft tips and distance marking
- Catheter is soft polyurethane material with distance marking
- Sets include bridge clamp to allow variable placement length
- Placement duration up to 28 days

### Indications

Jugular catheters are ideal for the following cases:

- Long-stay cases requiring regular I/V access
- When frequent blood sampling is required
- Infusion of irritant fluids (chemotherapy, TPN fluids etc)
- Monitoring central venous pressure (CVP)
- Chemotherapy induction courses
- Simultaneous administration of fluids with other dedicated procedure(s)

### Benefits: Multiple vs Single Lumens

- Dedicated channels for specific purposes
- Multiple dedicated functions from the same I/V access point
- Blood samples are always pure, low volume and no wastage
- Multiple infusions do NOT need check valves to prevent back flow

### Benefits: Jugular vs Standard Catheters

- Jugular catheters do not kink during normal placement and use
- Prolonged placement duration
- Greater access points for I/V placement
- Improved patient comfort
- Central placement benefits (CVP monitoring, irritant fluids etc)

### Kit Content & Configuration

Our basic kits are available in a wide range of sizes, lengths and choice of number of lumens. They offer a quality, soft-tipped polyurethane catheter within a kit containing everything required for placement and closing the catheter after placement:

#### Kit Contents

- |   |                               |
|---|-------------------------------|
| ▶ Polyurethane catheter                         | ▶ Seldinger introducer needle |
| ▶ Moveable suture wing                          | ▶ Dilator                     |
| ▶ Scalpel blade and handle                      | ▶ Non-latex injection caps    |
| ▶ Guide wire on holder (straight/straight tips) |                               |



## Kit sizes

### SINGLE Lumen Catheters

Size (Fr)	Length (cm)	Channel Size (Needle Gauge)	Our Code
3	8	20	1308JC
3	10	20	1310JC
3	13	20	1313JC
3	20	20	1320JC
4	8	18	1408JC
4	10	18	1410JC
4	15	18	1415JC
5	15	16	1515JC
5	30	16	1530JC
6	20	14	1620JC

Visit our Knowledge Centre page on our website for further details and information.  
([www.infusionconcepts.com/knowledge-centre](http://www.infusionconcepts.com/knowledge-centre))



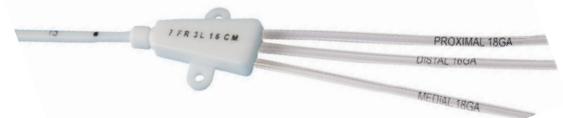
### DOUBLE Lumen Catheters

Size (Fr)	Length (cm)	Channel Size (Needle Gauge)	Our Code
4	6	22/22	2406JC
4	8	22/22	2408JC
4	10	22/22	2410JC
4	12	22/22	2412JC
5	10	18/20	2510JC
5	15	18/20	2515JC
7	20	14/18	2720JC
7	30	14/18	2730JC



### TRIPLE Lumen Catheters

Size (Fr)	Length (cm)	Channel Size (Needle Gauge)	Our Code
5.5	10	22/22/22	3510JC
5.5	15	22/22/22	3515JC
7	15	16/18/18	3715-JC
7	20	16/18/18	3720JC
7	30	16/18/18	3730JC
7*	60	16/18/18	3760NF



\*Did you know that we now supply  
Triple lumen, 7 Fr, 60cm long;  
Needle-free vavle closure



## Replacement Guide Wires

We now stock a range of stainless steel replacement guide wires with a number of benefits:

- Replacement wires for our range of CVC kits
- Soft tips ensure no tissue damage, regardless of practical application
- Stiffening stylet for other products such as foley catheters

Available in the following sizes

Size (Inch / mm)	Length (cm)	For Catheter (Fr)	Our Code
0.018 / 0.46	50	3	GUIDE3
0.021 / 0.53	60	4	GUIDE4
0.025 / 0.64	50	5	GUIDE5
0.035 / 0.89	70	6	GUIDE6

# SYRINGE DRUG LABELS

We supply a wide range of labels to clearly identify drugs and additives in clinical use. These are suitable for marking syringes, extension lines, bags and bottles. Our labels are also ideal for identifying things such as discard or opening dates. See our next page for more details on customised syringe labels.

## Syringe Drug Label Features

- Avoids potentially serious drug administration errors
- Saves wastage of time, drugs and syringes
- 13 x 38 mm label size; Boxes of 400 labels
- Bright ISO colouring for easy identification
- Wide range of standard labels in stock
- Choice of label holders available to keep your boxes tidy



## Brand New Bespoke Clear Labels

J2705/10  
Single pack



## STANDARD Syringe Labels

- ▶ ISO or I C standard labels; no format alteration available
- ▶ Available as **SINGLE** boxes
- ▶ Product Codes: **J2703/..**

Code	Label Name	Code	Label Name	Code	Label Name	Code	Label Name
../01	Adrenaline micrograms/ml	../64	BLANK	../17	Dopamine mg/ml	../30	Metronidazole mg/ml
../46	ALPHAXALONE	../65	BLANK	../59	Epidural	../69	Midazolam mg/ml
../51	ALFAXAN	../66	BLANK	../18	Fentanyl micrograms/ml	../31	Morphine mg/ml
../02	Amoxycillin mg/ml	../08	Buprenorphine micrograms/ml	../19	Frusemide mg/ml	../48	N.S.A.I.D
../03	Ampicillin mg/ml	../09	Calcium Chloride mg/ml	../20	Heparin units/ml	../72	Omeprazole mg/ml
../77	Anesketin, Ketaset, Vetalar, Vetaket	../10	Calcium Gluconate mg/ml	../21	Heparin/Saline	../73	Ondansetron mg/ml
../52	ANTIBIOTIC	../54	Carprofen	../22	Insulin units/ml	../70	Paracetamol mg/ml
../53	ANTISEDAN	../11	CONTRAST	../23	Ketamine mg/ml	../34	Potassium Chloride mg/ml
../04	Atropine	../47	CYTOTOXIC!	../41	Lidocaine %	../35	Propofol mg/ml
../05	Augmentin mg/ml	../12	Dexamethasone mg/ml	../25	Local Anaesthetic	../58	RIMADYL
../07	BLANK	../68	Dexmedetomidine mg/ml	../26	Mannitol %	../45	Saline mg/ml
../37	BLANK	../14	Diazepam mg/ml	../74	Maropitant mg/ml	../71	Saline/Iodine mg/ml
../60	BLANK	../42	Discard date / /	../67	Metacam	../75	Sedator, Dorbene, Domitor
../61	BLANK	../16	Dobutamine mg/ml	../27	Methadone mg/ml	../76	Torbugesic, Dolorex, Butador
../62	BLANK	../56	DOM/KET/TORB	../28	Methyl Prednisalone mg/ml	../44	Vetergesic mg/ml
../63	BLANK	../56	DOM/TORB	../29	Metoclopramide mg/ml	../43	Vets Now Date to Discard
		../57	DOM/TORBUGESIC			../38	Water for Injection

## Label colours and size

Our syringe labels are supplied in nine ISO standard colours in boxes of 400 labels; bright, clear colouring shows the drug type for standard labels and allows a great choice of colour-coding for your preferred custom label printing.

**Actual colours and label size:**

Blue

Green

Grey

Orange

White  
ACTUAL SIZE

Purple

Red

Salmon Pink

Yellow

Our labels are available directly from your wholesaler

## Product Summary

Product	Label Size (mm)	Pack Size	Min. Order Qty	Our Code
Syringe Label - standard	13 x 38	400	1	J2703/01-77

# CUSTOM SYRINGE & MEDICATION LABELS

We pioneered customising syringe labels for veterinary practices over ten years ago and are proud of our range and capabilities in supplying labels that meet your exact requirements. Please contact us if you wish to discuss your labelling needs in either of our syringe drug or medication label ranges.

## CUSTOM Syringe Labels

Our custom syringe labels offer the same features as our range of standard labels but provide additional benefits. We save your layout formats to ensure you receive the same labels every order.

- Your choice of **LABEL COLOUR**: **NINE** clear, bright colours
- Your choice of **TEXT COLOUR**: **Black**, **Red**, **Blue** and **Green**
- Your choice of text **LAYOUT** and **POSITIONING**
- Available as:
  - ▶ **SINGLE** box per order (**J2705**), or
  - ▶ Multiples of **THREE** boxes per order (**J2704**)

**Our custom label coding explained:** Label code and price depends on the **colour** of label required and **quantity** of boxes per order. All we need from you is the colour and text/layout to process your order.

Label Colour	Code for qty of boxes	
	3's	Single
Blue	J2704/20	J2705/01
Orange	J2704/23	J2705/06
Salmon Pink	J2704/26	J2705/09
Green	J2704/21	J2705/04
Purple	J2704/24	J2705/07
Yellow	J2704/28	J2705/03
Grey	J2704/22	J2705/05
Red	J2704/25	J2705/08
White	J2704/27	J2705/02
Clear	J2704/29	J2705/10

## Syringe Label Holders

We supply a range of holders to keep your syringe label boxes tidy

**Available in:**

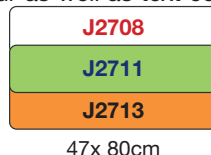
- ▶ **Wall mounted** (WIM) for up to 10 boxes (WM10)
- ▶ **Free standing** (FIS) for shelves and bench-tops
  - » For up to 5 boxes (FS05)
  - » For up to 10 boxes (FS10)



## Medication Labels

Our medication labels are ideal for clear marking of fluid bags, bottles and dispensed medications. They are fully customisable for label & text colour as well as text content and layout.

- ▶ Available in sizes 22x44 or 47x80mm
- ▶ 22x44 available in white only, supplied in rolls 400
- ▶ 47x80cm available in white/orange or green, supplied in rolls 200
- ▶ **Black**, **Blue**, **Red** or **Green** (new) text available.
- ▶ Fully customised text available.



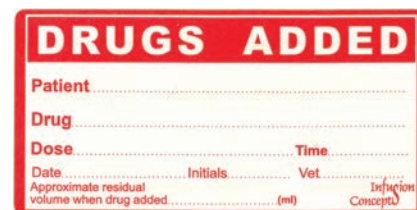
47x 80cm



## "Drugs Added" Labels

Our "Drugs Added" labels are the ideal way to clearly mark additions of drugs or fluids to primary fluid bags. This helps to prevent accidental over-dosing or mix-ups with drug concentrations.

- ▶ 40 x 80 mm white labels with red text
- ▶ Available in handy packs of 100 or bulk rolls of 1,000 labels



Our labels selection is growing, for the full selection of labels, please go to our website.

## Product Summary

Product	Product Size (mm; W x H x D)	Pack Size	Order Qty	Our Code
Custom Syringe labels; 3 boxes/order	13 x 38	400	3	J2704/20-29
Custom Syringe labels; SINGLE box	13 x 38	400	1	J2705/01-10
Label Holder; Wall-mounted; 10 boxes	181 x 113 x 71	1	1	WM10
Label Holder; Free-standing; 5 boxes	96 x 63 x 71	1	1	FS05
Label Holder; Free-standing; 10 boxes	181 x 63 x 71	1	1	FS10
Medication labels; <b>WHITE</b> ; roll of 200	47 x 80	200	1	J2708
Medication labels; <b>GREEN</b> ; roll of 200	47 x 80	200	1	J2711
Medication labels; <b>ORANGE</b> ; roll of 200	47 x 80	200	1	J2713
Drugs Added labels; pack of 100 labels	40 x 80	100	1	J1701
Drugs Added labels; Roll of 1,000 labels	40 x 80	1,000	1	J1702
Medication labels; <b>WHITE</b> ; roll of 400	22 x 44	400	1	J2710
Animal Treatment only; <b>WHITE</b> ; roll of 400	22 x 44	400	1	J2710/01
Biohazard label; <b>ORANGE</b> ; roll of 200	47 x 80	200	1	J2713/01



# BENEFUSION SP1 SYRINGE DRIVER

We are proud to supply and maintain the robust range of Infusion pumps and Syringe drivers from Mindray Animal Medical.

With sturdy drive mechanisms, these devices are hardworking and reliable, allowing you to have peace of mind when you have a long day ahead. These excellent entry level devices are basic and simple, with a range of easy-to-use features, allowing for quick set up within the veterinary practice.

## Benefusion SP1 Syringe Driver – Basic

### General Design Features

- 2.5" LCD display screen
- Compact & simple to operate.
- Integral mounting clam for both I/V pole and horizontal bars
- Clear display of all infusion parameters, warnings & alarms
- Guard to protect plunger arm.
- Accepts a wide range of pre-programmed syringe brands.
- Automatic syringe size recognition & brand-used memory.
- Infusion modes available
- Volume limit(ml) \* Flow Rate (ml/hr) \* Volume over time (ml pre duration)



### Technical Summary

- ▶ Anti-bolus system to prevent bolus dosing after occlusion
- ▶ Auto syringe tensioning at start up
- ▶ Simple bolus and volume limited operation
- ▶ Adjustable and programmable Volume Limit function
- ▶ Adjustable alarm volume and screen brightness
- ▶ Adjustable pressure management limits (300 – 900 mm Hg)
- ▶ Auto syringe size recognition; 5 – 60 ml sizes; last brand memorised
- ▶ Accuracy: +/-2% on drive mechanism
- ▶ Infusion Rates: 0.1 – 1,500 ml/hr; syringe size dependant
- ▶ Bolus Rates: 0.1 – 1,500 ml/hr; syringe size dependant
- ▶ KVO Rates: 0.5 – 5.0 ml/hr
- ▶ Battery life: > 6 hours at 5 ml/hr
- ▶ Dimensions: 360 x 145 x 123 mm (L X H X D)
- ▶ Weight: 1.95 Kg



## SP1 – Enhanced Package

Make the most of your Syringe Driver by adding our Enhanced package. Includes 40 syringe driver extensions (10 x ESM25200, ESM921, ESMCV200 & ESMOP200), as well as 12 months extended service contract.

For further details contact us directly.



### Product Summary

Product	Min Rate (ml/hr)	Max Rate (ml/hr)	Mass Units (dose/rate)	Battery Life (hr @5ml/hr)	Our Code
SP1 Syringe Driver	0.1	1,500	NO	>6	J1377

## Description, Features and design

An excellent addition to the AniFM series, this entry level pump boasts some clever features, whilst still being robust, simple to use and reliable.

## General Design Features

- 2.22" LCD screen
- Universal mounting cube for attachment to kennels and poles
- Side power socket
- Flat bottom design for use on beds/tables
- >4.5 hour battery life
- 1.2kg
- 126 x 200 x 118mm



## Technical Summary

- ▶ Infuse in Rate, Micro or Time mode
- ▶ Highly accurate
- ▶ Can be calibrated to multiple brands of infusion lines
- ▶ History log (up to 1500 events)
- ▶ Parameter memory; previous infusion parameters will be loaded
- ▶ Audio & visual alarms
  - ▶ Adjustable air bubble detection
  - ▶ Anti-bolus protection
  - ▶ Adjustable volume and reminder frequency



## Product Summary

Product	Min Rate (ml/hr)	Max Rate (ml/hr)	Battery Life (hr@25ml/hr)	Our Code
AniFM I1 Infusion Pump	0.1	2000	>4.5	J1352

## VetCath and DeltaVen peripheral I/V catheters

**We are the UK distributors for the new VetCath and DeltaVen peripheral catheter range**

Please refer to **pages 26 & 27** of this guide for details on this range.

**Manufactured in Italy for the best:**

- ▶ **Quality**
- ▶ **Performance**
- ▶ **Competitive pricing**



### VETCATH: TRY BEFORE YOU BUY!

Contact us for your free samples of VetCath or Delta Ven catheters if you've not tried them yet

**We are the exclusive distributor of VetCath in the UK**

Please refer to our price/code section for details on sizes available and list prices

# ANIFM S3 SYRINGE DRIVER

## Description

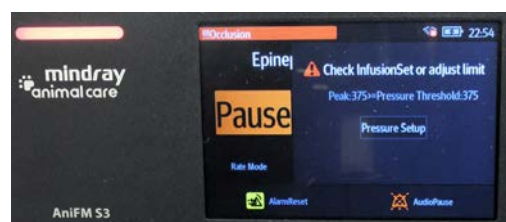
The AniFM Series revolutionise the functionality and versatility of infusion/syringe pumps with smooth delivery, accuracy, and efficient infusion for animals.

## General Design Features

- Screen: 3.5" capacitive touchscreen
  - » Adjustable brightness level; 1 – 8 levels
  - » Supports large font information
  - » Customisable on-screen information (Flow rate, dose rate, VTBI, patient information, etc.)
  - » Smooth and responsive with up to 5 layers of gloves
  - » Visible from 3m away
- Universal mounting cube allows for attachment on to cages & horizontal/vertical poles
- Up to 6.5 hours battery life on a full charge
  - » <5 hours charging time to full capacity
- Weight
  - » 1.7kg
- Dimensions:
  - » 252 x 118 x 134mm

## Technical Summary

- Accuracy: < +1.8%
- Modes: Rate, Dose & Time
- Automatic brake
  - » Avoid accidental bolus from outside force or accidental drops
- Automatic syringe size recognition
- Manual syringe loading with bolus guard
- History log (up to 5000 events)
- Parameter memory; previous therapy parameters will be loaded
- Drugs list
  - » Up to 5000 drugs
  - » 30 categories
  - » Supports drug colour coding
- Dynamic audio and visual alarms
  - » Adjustable volume and reminder frequency
- Occlusion detection
  - » Pre-alarm if pressure continuously rises
- Can connect to Central Monitoring Systems (CMS)



For a comprehensive list of all technical data, please see our website

## Product Summary

Product	Min Rate (ml/hr)	Max Rate (ml/hr)	Mass Units (dose/rate)	Battery Life (hr @5ml/hr)	Our Code
AniFM S3 Syringe Driver	0.1	2300	Yes	>6.5	J1351

## Syringe Driver Repairs

As part of our mission to deliver the best service possible, we offer high-quality syringe driver servicing and repairs.

Interested? Get in contact with our expert engineers today.

- Repairs for most brands of syringe drivers.
- A full check of all functions:
  - ✓ Delivery calibrations,
  - ✓ Pressure calibrations
  - ✓ Electrical safety.
- A goal of a 48-hour turnaround.



## Description, Features and design

The AniFM is one of the few infusion pumps that is certified for blood transfusion. Laboratory tests show that the deviation of red blood cell damage is  $\leq 3\%$ , reducing the occurrence of incidents like hyperkalaemia, acute kidney injury & thrombosis caused by blood cell destruction.

### General Design Features

- Screen: 3.5" capacitive touchscreen
  - » Adjustable brightness level; 1 – 8 levels
  - » Supports large font information
  - » Customisable on-screen information (Flow rate, dose rate, VTBI, patient information, etc.)
  - » Smooth and responsive with up to 5 layers of gloves
  - » Visible from 3m away
- Universal mounting cube allows for attachment on to cages & horizontal/vertical poles
- Up to 5.5 hours battery life on a full charge
  - » <5 hours charging time to full capacity
- Weight
  - » 1.3kg
- Dimensions:
  - » 125 x 95 x 186mm



Certified  
for Blood  
Transfusion

For a  
comprehensive  
list of all technical  
data, please see  
our website



### Technical Summary

- Accuracy: < +4.5% (for recommended sets)
- Modes: Rate, Dose & Time
- Certified for Blood Transfusion
- Can be calibrated to multiple brands of infusion lines
- Adjustable air bubble detection
- History log (up to 5000 events)
- Parameter memory; previous therapy parameters will be loaded
- Drugs list
  - » Up to 5000 drugs
  - » 30 categories
  - » Supports drug colour coding
- Dynamic audio and visual alarms
  - » Adjustable volume and reminder frequency
- Can connect to Central Monitoring Systems (CMS)



### Product Summary

Product	Min Rate (ml/hr)	Max Rate (ml/hr)	Mass Units (dose/rate)	Battery Life (hr@25ml/hr)	Our Code
AniFM I3 Infusion Pump	0.1	2000	Yes	>5.5	J1350

Not all CSTDs are  
made the same.

Try the industry leading solution

**EQUASHIELD®**  
Compounding Technologies





## Pressure Cuff Infuser

- Cuff for pressurising fluid bags for rapid administration
- Simple pressure manometry bulb and release valve
- Built-in hook to hang from I/V pole
- Bag sizes available: 500, 1,000 and 3,000 ml
- "Semi-disposable" construction for optimal economy
- Combine this with our Hi-Flo infusion line for the most rapid fluid flow available for small animals - guaranteed!



## Lachrymal/Irrigating Cannula

- Stainless steel blunt-tipped irrigating cannula
- Angled profile for ease of use
- 27-17G sizes to suit most needs
- Single sterile blister-packed item
- 60 mm Length



## Product Summary

Product	Sterile	Capacity	Pack Size	Our Code
Pressure Cuff Infuser	No	500 ml bag	1	CUFF0500
Pressure Cuff Infuser	No	1,000 ml bag	1	CUFF1000
Pressure Cuff Infuser	No	3,000 ml bag	1	CUFF3000
Lachrymal cannula: 27G	Yes	27G	1	LC4003.27
Lachrymal cannula: 22G	Yes	22G	1	LC4003.22
Lachrymal cannula: 19G	Yes	19G	1	LC4003.19
Lachrymal cannula: 17G	Yes	17G	1	LC4003.17

## C-Clamps

- C- (Gate) Clamps for closing tubes such as chest drains
- Suitable for other tubes such as feeding tubes, foley catheters etc.
- Supplied in handy packs of 5 clamps; individual sterile blisters
  - ▶ MEDIUM clamp: Drains up to 18 Fr
  - ▶ LARGE clamp: Drain sizes 16 - 28 Fr



## Product Summary

Product	Colour	Capacity/size	Pack Size	Our Code
C-clamp: Medium	Red	Up to 18 Fr	5	CCLAMPM5
C-clamp: Large	White	16 - 28 Fr	5	CCLAMPL5

## Injection Caps

Check out our range of injection caps on **page 21-24**.  
Perfect for capping extensions and catheters.

- ✓ Injection membranes are non-latex
- ✓ Choice of cap profile
- ✓ Choice of fixed or rotating male luer lock
- ✓ Choice of pack size (10's or 100's)
- ✓ Quality injection caps at a realistic price



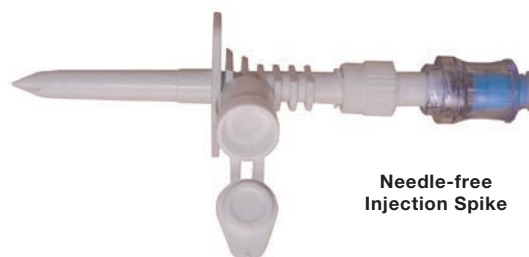
## Description

We have a comprehensive range of spikes and caps to improve sterility and clinical practice when broaching a container on multiple occasions, and are ideal for non-hazardous drugs. When you select our needle-free options, this is improved further as our valves are fully swabable and do not need capping.

The main devices have a white venting port, with a 2 micron filter membrane size. The vent is normally closed, and it can remain so when used on collapsible containers such as fluid bags. If the device is used on a non-collapsible container, the vent cap needs to be opened or sterile air needs to be introduced to the vial to prevent a vacuum forming as fluid/drugs are withdrawn.

## Needle-free Injection Spike

- Needle-free valve is swabable, so does not need capping
- Filtered vent allows use on non-collapsible containers and prevents any risk of contamination
- Ideal sterile access to bags or bottles (over 50 ml volume)
- Supplied as single sterile units in a blister pack



## Mini and Micro Spike Pins

- Ideal spike access for smaller bottles (<50 ml volume)
- Filtered vent allows use on non-collapsible containers and prevents any risk of contamination
- Needle-free valve is swabable, so does not need capping
- Both devices have fine spikes and are available as:
  - ▶ Fine plastic spike; suitable for smaller vials (mini spike), and
  - ▶ Sharp s/steel needle spike; suitable for access to any vial size (micro spike)



## Vented Needle-free Vial Caps

- Quick, simple and secure connection directly onto vial tops
- Filtered vent allows use on non-collapsible containers and prevents any risk of contamination
- Needle-free valve is swabable, so does not need capping
- Accidental loosening or removal is prevented with these caps
- Caps available for 20 vial top
- A safe and economical way of dealing with general pharmaceuticals



## Product Summary

Product	Capacity/Size	Filter (size: micron)	N/free	Pack Size	Our Code
Needle-free injection spike	Bags & Bottles (>50 ml)	0.2	Yes	1	NFVSPIKE
N/Free Mini spike pin (plastic)	Vials & bottles (< 50 ml)	0.2	Yes	1	NFS-051010
N/Free Micro spike pin (steel)	All vials and bottles	0.2	Yes	1	NFS-051006
Needle-free vial cap	20 mm top diam	0.2	Yes	1	NFC-052000

## Description

We are proud to be the exclusive UK veterinary distributors of the Equashield range of closed system transfer devices (CSTDs). Introducing the newest generation Closed System Transfer Device (CSTD) range, for safe and effective handling of cytotoxic and other hazardous chemotherapeutics without the need for specialist ventilation or containment facilities. The Equashield range allows safe handling, mixing and administration of drugs via vials, spikes, fluid bags and directly into standard or needle-free luer locks.

## Design & Features

The central device to the range is the unique syringe unit, which features a totally sealed encasement and uses a double needle system, that allows both pressure equalisation when drawing drugs up and a totally closed system when injecting drugs so there is no risk of vapour escape. Vapours are simply transferred between vial and the back of the sealed syringe maintaining a closed environment.

Using Equashield devices removes the need for use of a fume cupboard to ensure no drug or vapour contact; you simply wear protective clothing as normal.

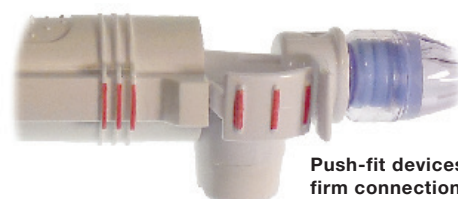
## Key Benefits of Equashield

- Simple, safe "Red-to-Red" connectivity; devices will not allow operation until properly (and safely) connected
- Quickest set-up time and more intuitive to use compared to other CSTDs available
- Freedom to use your choice of extension or giving set; you only need a luer connection to allow access for Equashield devices
- FDA approval 10x - vials remain safely sealed and allows multiple uses
- No need to draw up room air prior to withdrawing pre-formulated drugs
- Easy to get started - available as single items
- Wide range of syringe and vial cap sizes available
- Choice of bag spike design and function
- Devices used and technique can be easily adapted to suit your preference and clinical protocol
- Training and instructional CD-ROM available, along with extensive training and technical information on Equashield's website
- Prompt veterinary advice on using these CSTDs
- Clinic visits and product training available

## Equashield "Red-to-Red" Connectivity

- Simple, safe "Red-to-Red" connectivity; devices will not allow operation until properly (and safely) connected
- Main devices being attached to other Equashield devices are EQSU\_ and EQFC-1; Images of these attachments are found on the right, and the following page.
- Attachment to all devices other than EQLL-2 requires a simple "Red-to-Red" alignment and then a firm push fit to engage. Disconnection is a simple pull-away action.
- Connection of EQSU\_ and EQFC-1 to the EQLL-2 device on your extensions results in a click lock attachment for security. To disengage, simply press & hold the locking tab and then pull the EQSU or EQLL device to disengage as usual.

# EQUASHIELD



Push-fit devices for firm connection and activation



Align red markers on devices





## Equashield CSTD Product Range

### Luer lock adapter (EQLL-2)

- ▶ Fits to any female luer lock (FLL), preferably needle-free, on your choice of extension, converting it to being Equashield-compatible
- ▶ Adapter is then activated by attaching a Syringe Unit (EQSU) or female luer lock connector (EQFC-1) for drug administration or flushing

We recommend that the EQLL-2 device is left in situ after chemotherapy is completed to minimise any risk of exposure to chemotherapeutics

### Female Luer Connector adapter for syringes (EQFC)

- ▶ EQFC-1 is designed to attach to standard luer lock syringes allowing access to other devices, the exposed end can be protected via protective plug (EQPP-2) for sterility. Attach to:
  - » Spike Adapter (EQSA-W) to draw up flushing fluids
  - » EQLL-2 to flush extension after drug administration
- ▶ EQFC-180 is designed to be attached to the EQSA-180 to facilitate I/V tubing and to reduce the number of components needed when administering multiple drugs during a single treatment.

### Protective Plug (EQPP-2)

- ▶ Attaches to syringe units or FLL devices
- ▶ Protects the recessed but exposed membrane for sterility, allowing multiple uses of these devices

### Spike Adapters (EQSA)

- ▶ Attaches to fluid bags to allow either drug administration or fluid withdrawal; the choice of adapter will depend on the route of drug delivery
  - ▶ **Spike Adapter 1** (EQSA-1/T) allows drugs to be delivered directly to a bag of fluids, but does **NOT** allow withdrawal. The giving set is attached into this spike prior to drug delivery; the one-way valve prevents drug passage directly into fluid path
  - ▶ **Spike Adapter - Withdrawal** (EQSA-W) allows fluids to be withdrawn or added to fluid bag, but a giving set can NOT be placed into this spike
  - ▶ **Spike adaptor 180** (EQSA-180) Similar to the EQSA-1T, this spike adaptor has been enhanced with new soldering techniques, making it strong; more durable ensuring efficient performance.

### Vial Adapters (EQVA-\*/2)

- ▶ Provides firm & secure closure on drug vials
- ▶ Sizes supplied: for **13**, **20** and **28** mm vial neck diameters
- ▶ The **13** mm adaptor is a standard single push-fit and is not self-centring
- ▶ The **20** & **28** mm adaptor use a double click action to secure to the vial
  - » First click centres adapter and spike over centre of vial membrane
  - » On the second click, the spike pierces the membrane and adapter locks onto the vial cap
- ▶ A 20 mm adaptor is also available for concave and extra thick membranes

### Syringe Units (EQSU-\*/2)

- ▶ Totally sealed devices using a double-needle system that equalises pressure on either side of the syringe plunger
  - » Rear of plunger housing is sealed, preventing any surface contamination affecting exposed staff
  - » When withdrawing liquid from a vial, sterile gas from behind the plunger moves into the vial to prevent vacuum formation
  - » When adding fluids to mix a powder, any increased vapour or gas pressure dissipates into the sealed compartment behind the plunger
- ▶ Retains any vapour or droplets in a closed environment
- ▶ Full protection from any contamination of barrel lining with sealed flange
- ▶ Sizes supplied: **1**, **3**, **5**, **10**, **20** and **60** ml.

Please note: For Syringe & Vial adapter codes, simply substitute "\*" in the product codes for the device size. For Example: a **5ml** syringe code is EQSU-**5**/2 or a **13mm** vial adapter is EQVA-**13**/2

For additional support and training videos on the Equashield product range please visit the dedicated page on our website:

[www.infusionconcepts.com/knowledge-centre](http://www.infusionconcepts.com/knowledge-centre)



EQLL-2



EQFC-1



EQPP-2



EQSA-W

EQSA-1/T



EQVA-1/2 & 20/2  
vial caps

EQVA-20./2  
attached to vial



EQSU-1./2 & 5./2 1 & 5 ml syringe units



Syringe unit attached (& locked) to EQLL-1, attached to needle-free Y-port on an extension line: "Red - to - Red"



## Siliconised Latex Foley Catheters

- Siliconised latex gives:
  - ▶ Similar short-term biocompatibility to silicone
  - ▶ Economy of latex material
- High-performance valve for reliable two-way balloon action
- Soft and pliant for patient comfort
- PVC stiffening stylet pre-loaded for ease of placement (6, 8 & 10 Fr)
- High balloon volume available in 16, 20 & 28 Fr catheter sizes
- Double pouched for ease of handling and sterility
- Available in a wide range of sizes; standard lengths

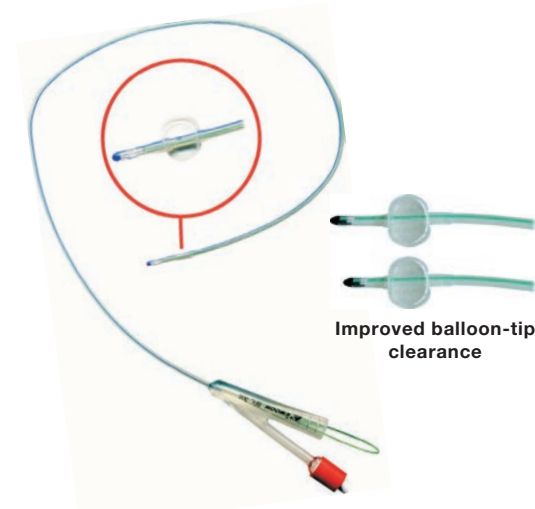


### Product Summary

Product	Length (cm)	Capacity (ml)	Stylet pre-loaded	Pack Size	Our Code
6 Fr	27	1.5	Yes	1	FC2006.06
8 Fr	25	3 - 5	Yes	1	FC2006.08
10 Fr	25	3 - 5	Yes	1	FC2006.10
12 Fr	34	5 - 15	No	1	FC2006.12
16 Fr	34	30 - 50	No	1	FC2006.16
20 Fr	34	30 - 50	No	1	FC2006.20L
28 Fr	34	30 - 50	No	1	FC2006.28

## 100% Silicone Foley Catheters

- 100% silicone material for best biocompatibility & placement duration
- High-performance valve for reliable two-way balloon action
- Soft and pliant for patient comfort
- PVC stiffening stylet pre-loaded for ease of placement (6-10 Fr sizes)
- Double pouched for ease of handling and sterility
- Available in a wide range of sizes and lengths (including 55 cm)
- A superbly economical, top quality range of silicone catheters



## Closing Cap For Silicone Catheters

Our catheter closing cap is a compact and economical way to cap and close silicone catheters and converts foley outlet to a standard female luer.

- Provides a secure, closed environment
- Secure cap closure on female luer lock
- Improved patient comfort and mobility



### Product Summary

Product	Length (cm)	Capacity (ml)	Stylet pre-loaded	Pack Size	Our Code
6 Fr	30	3	Yes	1	FC3006-S
8 Fr	30	3	Yes	1	FC3008-S
10 Fr	30	3	Yes	1	FC3010-S
12 Fr	33	10	No	1	FC3512-S
6 Fr	55	3	Yes	1	FC5506-S
8 Fr	55	3	Yes	1	FC5508-S
10 Fr	55	3	Yes	1	FC5510-S
12 Fr	55	10	Yes	1	FC5512-S
Foley closing cap	4	n/a	No	1	CCFC.01

## Tiemanns Tip Urinary Catheter

NEW

### Description

Our Tiemanns tip urinary catheter are made from soft, frosted PVC and are ideal for use when a urethral stricture, narrow urethra or an enlarged prostate is suspected, however can be used for any type of catheterisation.

### Features and Design

- 30° Curved & rounded tip to aid insertion and placement.
- Made from DEHP/Latex Free PVC allowing flexibility but resistance to twisting & bending.
- Two drainage holes placed 1.5cm and 2.5cm from tip end.
- Standard funnel adaptor, but can be used with our CCFC.01 adaptor to change to female luer connector.



### Product Summary

Product	Length (cm)	Capacity (ml)	Stylet pre-loaded	Pack Size	Our Code
Tiemanns Urinary Catheter - 8fg	40	N/A	No	1	TMC4008
Tiemanns Urinary Catheter - 10fg	40	N/A	No	1	TMC4010
Tiemanns Urinary Catheter - 12fg	40	N/A	No	1	TMC4012

## First call for your **INFUSION** requirements

- ▶ Infusion Lines
- ▶ Extension Lines
- ▶ Caps & Connectors
- ▶ Needle-free Valves
- ▶ Catheters
- ▶ Blood Collection Bags
- ▶ Labels
- ▶ Scalp Vein Sets
- ▶ Syringe Drivers
- ▶ Infusion Pumps



# CLOSED URINE COLLECTION SETS

We offer a choice of three closed urine collection systems to suit every patient and allow continuous, sterile urine collection.

## Features and Contents

- One-way anti-reflux valve at bag inlet
- Graduated volume marking
- Choice of bag volume and connection type

## Feline 750 ml Closed Collection Set

- Light-weight 750 ml luer-connected urine drainage set
- T-port or 'pull-push' type emptying site
- Light-weight tangle-resistant tubing is ideal for cats
- Integral C-clamp for use when flushing distal tubing
- Designed to hang from bottom of patient's kennel door to provide constant, gentle 20 cm siphoning pressure
- In-line luer connection allows full set to be primed before use and provides an easy access point for regular flushing or sampling
- Attaches to standard female luer connectors for ease of connection
- Standard extension included in pack for use on viscous fluids, for draining at higher rates or to give additional length for larger patients and kennels
- 180/210 cm total length

## 2 Litre Closed Collection Set

- 2,000 ml collection bag
- T-port emptying outlet at bottom
- In-line luer connection near foley connector allows easy patient disconnection from bag and allows additional extensions to be added to suit kennel size
- In-line luer connection allows connection directly to:
  - ▶ FOLEY catheters: via "Christmas tree" foley connector
  - ▶ STANDARD catheters: via Male luer lock on extension
- 190 cm total length



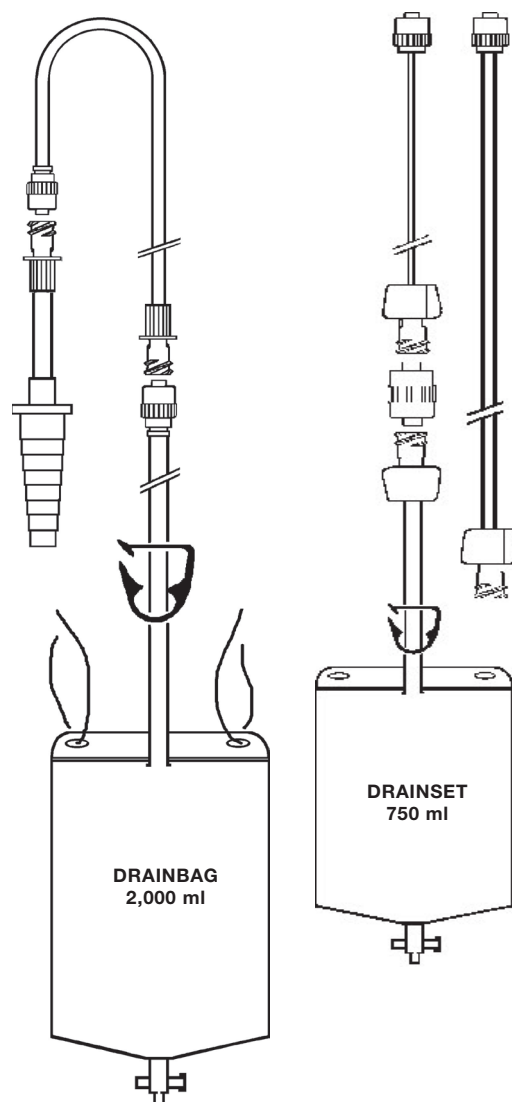
## Plain 2 Litre Urine Bag

- 2,000 ml collection bag
- T-port emptying outlet at bottom
- "Christmas tree" connector to connect directly to foley catheters
- Simple and economical
- 80 cm total length

## Product Summary

Product	Length (cm)	Capacity (Bag, ml)	Connection*	Pack Size	Our Code
Feline 750 ml closed set	180/210	750	FLL	1	DRAINSET
2 L closed collection set	190	2,000	FLL & Foley	1	DRAINBAG
Plain 2 L urine bag	80	2,000	Foley	1	DR3015T

\* FLL = Female Luer Lock



Plain 2L collection bag  
DR3015T

## Description

Our 3.5 Fr silicone Tom Cat catheter kits offer two totally closed systems for sterile feline closed urine collection with your choice of catheter length (adjustable) and open or closed tip profiles.

## Features and Contents

- Choice of two catheter lengths and tip profiles; both 3.5 Fr
- Fitted integral stainless-steel stylet to assist catheter placement
- Open-ended catheter can be cut to length to suit patient size
- Barbed female connector for push-fit attachment to the catheter
- Feline-friendly 750 ml closed collection bag system
- Spare mini bore extension supplied, for improved compliance and patient comfort, if required

## Indications

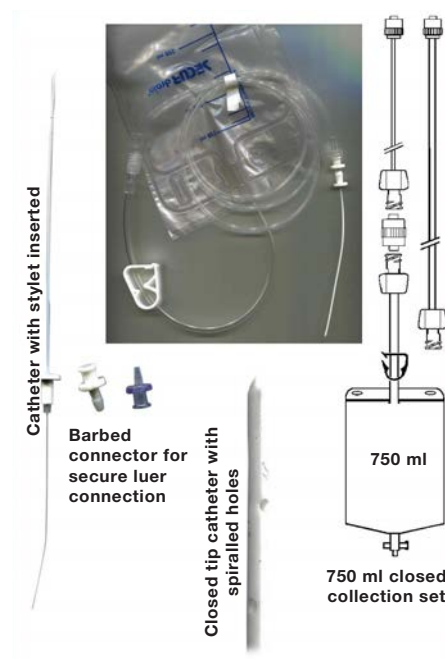
- **Urethral obstruction** and associated **cystitis**
- **Atonic/neurogenic** bladder flaccidity, especially in cases of **trauma**

## Catheter Profiles

- Closed end: 15 cm; 4 distal holes Tip: Bullet-nosed; closed
- Open end: 18 cm; 12+ distal holes Tip: Bevel-edged; open

## Product Summary

Product	Colour	Size/Length	Ports (P / D)	Our Code
T/C catheter kit: CLOSED end	White & Blue	3.5 Fr, 15 cm	1	DRCAT- CE01
T/C catheter kit: OPEN end	White & Blue	3.5 Fr, 18 cm	1	DRCAT- OEO2



## Tomcat Catheter Connector - Female Luer Lock to Barb (or FLL)

### Description

This catheter connector enables you to connect a male luer connector in a tom cat urinary catheter. It has a threaded female luer to allow a secure and firm connection to male luer drainage system and a barbed, open end to allow a snug and firm attachment into the tom cat catheter. (For use in silicone cat catheters)



### Product Summary

Product	Colour	Pack Size	Sterile	Our Code
T/C catheter connector FLL to barb; Single	Black	1	Yes	TCLLA.01
T/C catheter connector FLL to barb; 5 pack	Black	5	Yes	TCLLA.05
T/C catheter connector FLL to barb; 10 pack	Black	10	Yes	TCLLA.10

## Urethral Cat Catheter

NEW

### Description

Our 5fr Urethral Cat catheter has been specifically designed to be used post-surgery for felines which have undergone penile amputation (Perineal Urethrostomy). With an open end and 2 sided drainage holes this catheter allows free urine flow. Made from DEHP free silicone which is soft and pliant for patient comfort, and a length of 6cm, this catheter is design to sit just inside the bladder neck, to prevent bladder wall irritation which can sometimes be caused by longer catheters. With 8 markers placed 3 cm from the end of the catheter, at 0.25cm apart to assist with catheter placement.

### Product Summary

Product	Size/Length	Ports (P / D)	Our Code
5fr Urethral Cat catheter	5fr; 6cm	1	FCC0506-S





# SILICONE WOUND DRAINS

Our range of 100% silicone wound drains are soft and flexible to help provide maximum patient comfort and placement duration and minimise patient trauma on insertion and removal of the drain.

## Features

- Available in THREE profiles and a variety of sizes
- Drains are 20 cm long; bonded extension tubing is 40 cm
- Available as plain drains, or with a trochar needle introducer
- Radiopaque for easy identification post-operatively
- Fenestrated area is 20 cm long, bonded extension tubing is 80cms

## "S" Profile Drains - Round and Flat

- Fluted channels with NO holes
- **ROUND** profile: available in 3 and 5 mm diameter
- **Flat/Oval** profile: available in 3.5 x 8 mm sizes

## Jackson Pratt Drains

- Classic all-purpose drain; oval profile with multiple fenestrations
- Single lumen with dilated lateral margins
- Internal ridging to reduce collapse or kinking
- Suitable for general drainage and also abdominal drainage
- Available in 7, 10 and 13 mm drain widths

### "S" Line Drains

ROUND Drains	Size (H x W mm)	Introducer Type	Our Code
S-line; Round; 3 mm	3 x 3	Plain	DRSR-4P03
S-line; Round; 5 mm	5 x 5	Plain	DRSR-4P05
S-line; Round; 7 mm	7 x 7	Plain	DRSR-4P07
<b>S-line; Round; 3 mm</b>	<b>3 x 3</b>	<b>TROCHAR</b>	<b>DRSR-4N03</b>
<b>S-line; Round; 5 mm</b>	<b>5 x 5</b>	<b>TROCHAR</b>	<b>DRSR-4N05</b>
<b>S-line; Round; 7 mm</b>	<b>7 x 7</b>	<b>TROCHAR</b>	<b>DRSR-4N07</b>

FLAT Drains	Size (H x W mm)	Introducer Type	Our Code
S-line; FLAT	3.5 x 8.0	Plain	DRSF-4P035
S-line; FLAT	4 x 11	Plain	DRSF-4P040
S-line; FLAT	3 x 7	<b>TROCHAR</b>	<b>DRSF-4N030</b>
S-line; FLAT	3.5 x 8.0	<b>TROCHAR</b>	<b>DRSF-4N035</b>
<b>S-line; FLAT</b>	<b>4 x 11</b>	<b>TROCHAR</b>	<b>DRSF-4N040</b>

## Silicone Grenades

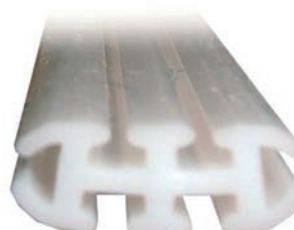
- Simple push-fit connection to our range of silicone wound drains
- Integral one-way valve prevents reflux into wound
- Soft, pliant 100% silicone material
- Closed system active drainage
- Choice of grenade sizes (100 - 400 ml)
- Single or double inlet ports (depending on grenade size)
- Very simple to empty, without disconnecting from the drain

Product	Capacity (ml)	Inlet Ports	Outlet Ports	Pack Size	Our Code
Silicone Grenade; 100 ml	100	1	1	1	DRG-S100
Silicone Grenade; 200 ml	200	2	1	1	DRG-S200
Silicone Grenade; 400 ml	400	2	1	1	DRG-S400

DRSR  
Round Profile



DRSF  
Flat profile



DRJP  
Jackson Pratt



### Jackson Pratt Drains

Width (mm)	Introducer Type	Our Code
7	Plain	DRJP-4P07
10	Plain	DRJP-4P10
13	Plain	DRJP-4P13
<b>7</b>	<b>TROCHAR</b>	<b>DRJP-4N07</b>
<b>10</b>	<b>TROCHAR</b>	<b>DRJP-4N10</b>
<b>13</b>	<b>TROCHAR</b>	<b>DRJP-4N13</b>

100 ml  
Single inlet



200 ml  
Double inlet



# DRENOMED PVC GRENADE WOUND DRAIN SETS

We offer an extensive range of PVC drain and grenade sets for active wound drainage. Active drainage offers important benefits over passive drainage as it eliminates residual dead space post-operatively. An active drain can be placed so that the drain exits at a suitable site that does not interfere with post-operative wound management such as dressings.

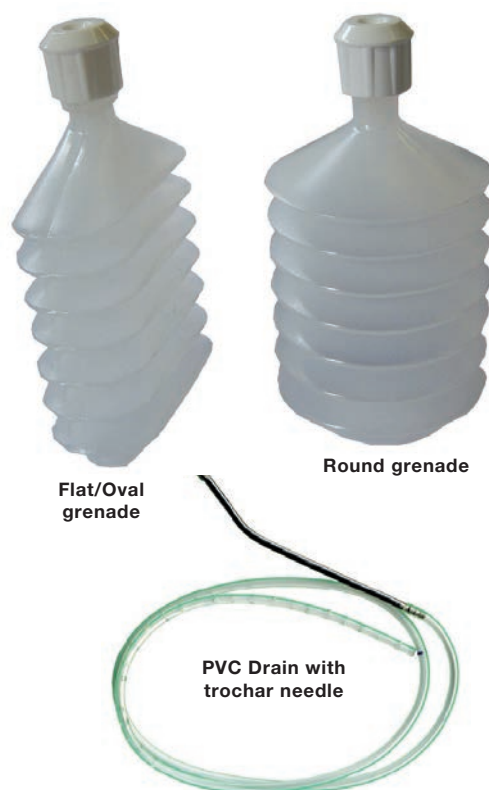
## Description

- Sets include a PVC grenade with your choice of Redon drain size
- Integral trochar introducer needle on all drains
- Drains have multiple fenestrations and radiopaque marker lines
- Drain sizes: 6 - 12 Fr
- Grenade sizes: 20 - 250 ml
- Exceptional economy for active drainage

## Design & Features

These drains offer you the widest choice of grenade shape & size, as well as drain size. Easy to empty. Made in Italy

- Redon drain length: 80 cm
- Grenades available in both flat/oval and round profiles
- Simple connection/disconnection
  - ▶ Cut drain to length; loosen grenade cap
  - ▶ Insert cut end of drain into cap; compress grenade and tighten the cap
- Simple to empty
  - ▶ Loosen grenade cap and aseptically remove drain, keeping end clean
  - ▶ Invert grenade and squeeze to empty
  - ▶ Re-insert cut end of drain into cap; compress grenade and tighten the cap
- Ideal set to choose, especially if unfamiliar with using active drains



## Product Summary

Product	Drain Size (Fr)	Capacity (Grenade, ml)	Grenade shape	1Pack Size	Our Code
Drenomed grenade & drain; 6 Fr	6	20	Flat/Oval	1	DRG-020D06
Drenomed grenade & drain; 8 Fr	8	20	Flat/Oval	1	DRG-020D08
Drenomed grenade & drain; 6 Fr	6	50	Round	1	DRG-050D06
Drenomed grenade & drain; 8 Fr	8	50	Round	1	DRG-050D08
Drenomed grenade & drain; 8 Fr	8	50	Round	1	DRG-050D08P
Drenomed grenade & drain; 10 Fr	10	200	Flat/Oval	1	DRG-050D10P
Drenomed grenade & drain; 12 Fr	12	200	Flat/Oval	1	DRG-050D12P
Drenomed grenade & drain; 10 Fr	10	250	Flat/Oval	1	DRG-250D10
Drenomed grenade & drain; 12 Fr	12	250	Flat/Oval	1	DRG-250D12

## Critical Care syringe labels

We print & supply a full range of labels and label holders  
See pages 30-31

- ✓ Standard labels
- ✓ Custom labels
- ✓ Label holders



Local Anaesthetic	Buprenorphine
Metronidazole	Calcium Chloride
	Metoclopramide
Atropine	Diazepam
Adrenaline	Propofol

# PLAIN TROCHAR CHEST DRAINS

We offer soft frosted PVC trochar chest drains for placement in both routine thoracotomy and emergency thoracic puncture. They combine excellent economy with good drainage rates and patient comfort post-operatively. An excellent alternative to silicone drains for short term placement.

## Design and Features

- Soft PVC tube material for better patient comfort and tolerance
- Clear distance marking for accurate placement
- Radiopaque marker line for confirmation of placement on X-ray
- One pair of lateral drain holes with single distal central hole
- Trochar-drain interface ensures minimal tissue friction
- Contoured handle makes placement easier and more comfortable
- Blue drain connector is already fitted to the drain tubing
- Standard drain connector fitted allows connection to your preferred collection device <sup>(1)</sup>
- Use as supplied, or with one of our needle-free connectors <sup>(2)</sup> to give you flexibility of connection and peace of mind on drain security
- An economical alternative when you need direct thoracic puncture
- Double-pouched single item for ease of use and sterility
- Sizes available: 10 - 28 Fr

### Notes

- (1) For secure attachment, we recommend that you use cyanocrylate glue on all connectors.
- (2) Our needle-free connectors (DR-FNV-1/2/3) allow a quick and easy connection to your preferred drain size. Please feel free to contact us to discuss the best connector for your needs or drain size.



## Product Summary

Product	Gauge (Fr)	Length (cm)		Pack Size	Our Code
		Total	Proximal*		
Plain TROCHAR drain; 10 Fr	10	17	14	1	DR2012-T10
Plain TROCHAR drain; 12 Fr	12	16	13	1	DR2012-T12
Plain TROCHAR drain; 14 Fr	14	16	13	1	DR2012-T14
Plain TROCHAR drain; 16 Fr	16	18	15	1	DR2012-T16
Plain TROCHAR drain; 18 Fr	18	22	18	1	DR2012-T18
Plain TROCHAR drain; 20 Fr	20	32	28	1	DR2012-T20
Plain TROCHAR drain; 24 Fr	24	32	28	1	DR2012-T24
Plain TROCHAR drain; 28 Fr	28	32	28	1	DR2012-T28

\* - "Proximal" refers to the length from the proximal most fenestration hole to the connector

## Drain Connectors

**Check out our range of drain connectors on page 53**  
**Everything you need for simple, safe drain closure**

- ✓ Plain or needle-free female luer lock
- ✓ Choice of connector profiles
- ✓ C-clamps supplied with needle-free connectors
- ✓ Our range covers all drain sizes



We offer of soft frosted PVC non-trochar chest drains for placement during routine thoracotomy. They combine excellent economy with good drainage rates and patient comfort post-operatively. An excellent alternative to silicone drains for short term placement.

## Design and Features

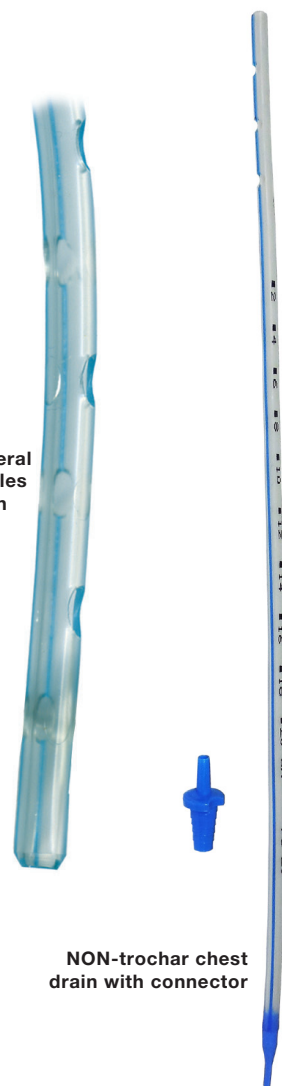
- Semi-soft PVC tubing for better patient comfort and tolerance
- Clear distance marking for accurate placement
- Radiopaque marker line for confirmation of placement on X-ray
- THREE pairs of lateral drain holes
- Full lumen-width central end hole ensures no resistance
- A blue drain connector ("Christmas tree") is supplied with the drain and needs bonding to the drain after placement <sup>(1)</sup>
- Standard drain connector supplied allows connection <sup>(1)</sup> to your preferred collection device
- Use as supplied, or with one of our needle-free connectors <sup>(2)</sup> to give you flexibility of connection and peace of mind on drain security
- An economical alternative to silicone drains
- Double-pouched single item for ease of use and sterility
- Sizes available: 14 - 28 Fr

### Notes

- (1) For secure attachment, we recommend that you use cyanacrylate glue on all connectors.
- (2) Our needle-free connectors (DR-FNV-1/2/3) allow a quick and easy connection to your preferred drain size. Please feel free to contact us to discuss the best connector for your needs or drain size.



Large lateral  
& end holes  
in drain



NON-trochar chest  
drain with connector

## Product Summary

Product	Gauge (Fr)	Length (cm)		Pack Size	Our Code
		Total	Proximal*		
Plain NON-Trochar drain; 14 Fr	14	43	33	1	DR2012-14
Plain NON-Trochar drain; 16 Fr	16	43	33	1	DR2012-16
Plain NON-Trochar drain; 20 Fr	20	45	33	1	DR2012-20
Plain NON-Trochar drain; 22 Fr	22	45	35	1	DR2012-22
Plain NON-Trochar drain; 26 Fr	26	45	35	1	DR2012-26
Plain NON-Trochar drain; 28 Fr	28	45	35	1	DR2012-28

\* - "Proximal" refers to the length from the proximal most fenestration hole to the connector

Check out our range of one-way drainage valves on page 54  
Everything you need for simple, safe chest drain management

- ✓ **Heimlich Pillow Valve** for pneumothorax
- ✓ **Active Drain Extension** for large volume aspiration
- ✓ **Active Drainage and Lavage Extension** for managing high volume aspiration combined with lavage





# NEEDLE-FREE TROCHAR CHEST DRAIN KITS

Our PVC needle-free trochar chest drains are ideal for placement in both routine thoracotomy & emergency thoracic puncture. They are the same drains as used in our plain trochar range, so please refer to those detail on page 46.

The needle-free access with these kits is the safest and most aseptic way of managing patients with pleural disease.

## Design and Features

Our needle-free trochar drain kits not only have all the benefits of the plain trochar range, but also have the following additional features

- Suitable for placement by direct thoracic puncture
- Double-pouched single item for ease of use and sterility
- Sizes available: 10 - 28 Fr

## Key Features of our Needle-Free Kits

- Drain closure is maintained by our needle-free valve. For more details on our valve, please see details on FNVMFH on page 21
- Valve is swabable, so does not need capping to maintain sterility
- Integral, size-specific C-clamp fitted to drain
- Simple ONE step connection for easy and secure connection:
  - ▶ 10 - 16 Fr: N/Free valve screws directly on to female luer
  - ▶ 18 - 28 Fr: N/Free adaptor pushes on to drain connector <sup>(1)</sup>
- End-point access to chest drain is using our needle-free valve for easier aspiration and kennel management:
  - ▶ Valve closes automatically when detaching syringe or luer connection
  - ▶ Valve is self-sealing, avoiding the need to cap to maintain sterility of the fluid path
  - ▶ No risk of accidental opening

### Notes

(1) For secure attachment, we recommend that you use cyanacrylate glue on all connectors.

Visit our Knowledge Centre page on our website for further details and information. ([www.infusionconcepts.com/knowledge-centre](http://www.infusionconcepts.com/knowledge-centre))



## Product Summary

Product	Gauge (Fr)	Length (cm)		Pack Size	Our Code
		Total	Proximal*		
Needle-free TROCHAR; 10 Fr	10	17	14	1	DR2012-T10K
Needle-free TROCHAR; 12 Fr	12	16	13	1	DR2012-T12K
Needle-free TROCHAR; 14 Fr	14	16	13	1	DR2012-T14K
Needle-free TROCHAR; 16 Fr	16	18	15	1	DR2012-T16K
Needle-free TROCHAR; 18 Fr	18	22	18	1	DR2012-T18K
Needle-free TROCHAR; 20 Fr	20	32	28	1	DR2012-T20K
Needle-free TROCHAR; 24 Fr	24	32	28	1	DR2012-T24K
Needle-free TROCHAR; 28 Fr	28	32	28	1	DR2012-T28K

\* - "Proximal" refers to the length from the proximal most fenestration hole to the connector

# NEEDLE-FREE NON-TROCHAR CHEST DRAIN KITS

Our PVC needle-free non-trochar chest drain kits are ideal for placement during routine thoracotomy. They are the same drains as used in our plain non-trochar range, so please refer to those detail on page 47. The needle-free access with these kits is the safest and most aseptic way of managing patients with pleural disease.

## Design and Features

Our needle-free trochar drain kits not only have all the benefits of the plain trochar range, but also have the following additional features

- Double-pouched single item for ease of use and sterility
- Sizes available: 12 - 20 Fr
- Secure needle-free closure and access point
- C-clamp fitted on every kit
- Fully assembled and ready for placement

## Key Features of our Needle-Free Kits

- Drain closure is maintained by our needle-free valve. For more details on our valve, please see details of FNVMFH on page 24
- Valve is swabable, so does not need capping to maintain sterility
- Integral, size-specific C-clamp fitted to drain
- Drain kit is supplied FULLY assembled and bonded - simply place the drain and secure as normal
- End-point access to chest drain is using our needle-free valve for easier aspiration and kennel management:
  - ▶ Valve closes automatically when detaching syringe or luer connection
  - ▶ Valve is self-sealing, avoiding the need to cap to maintain sterility of the fluid path
  - ▶ No risk of accidental opening



## Product Summary

Product	Gauge (Fr)	Length (cm)		Pack Size	Our Code
		Total	Proximal*		
N-FREE NON-Trochar drain; 12 Fr	12	30	20	1	DR2012-12K
N-FREE NON-Trochar drain; 16 Fr	16	31	22	1	DR2012-16K
N-FREE NON-Trochar drain; 20 Fr	20	45	35	1	DR2012-20K

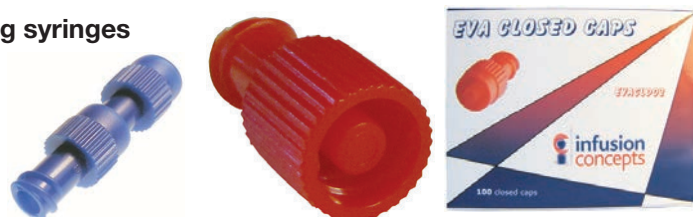
\* - "Proximal" refers to the length from the proximal most fenestration hole to the connector

## Closed Caps

Check out our range of closed caps on page 23

Perfect for capping extensions, giving sets and dispensing syringes

- ✓ Attaches to male and female luer locks
- ✓ Secure closure when fluid path access is not required



We are pleased to present our chest drain range for placement by the over-the-wire Seldinger technique. These kits make chest drain placement in compromised patients easier than trochar drains and can be placed consciously with adequate pre-placement analgesia. Our kits offer significant benefits in ease of placement and use compared to other similar kits.

## General Features

Our Seldinger kits make atraumatic chest drain placement quick and easy. **They are so simple to place and use!**

- Secure thoracic drain placement, even in conscious patients
- Our Seldinger kits can be placed as a totally closed drain
- Catheter hole design ensures drain never blocks from soft tissue
- Kits contain all items required for simple and safe placement
- Needle-free valves are swabable and fully MRI-compatible
- These 8 Fr drains are available in two lengths: 20 and 35 cm

## Drainage Catheter Design & Features

Our Seldinger drainage catheter offers several unique features that make placement and maintenance easier and safer.

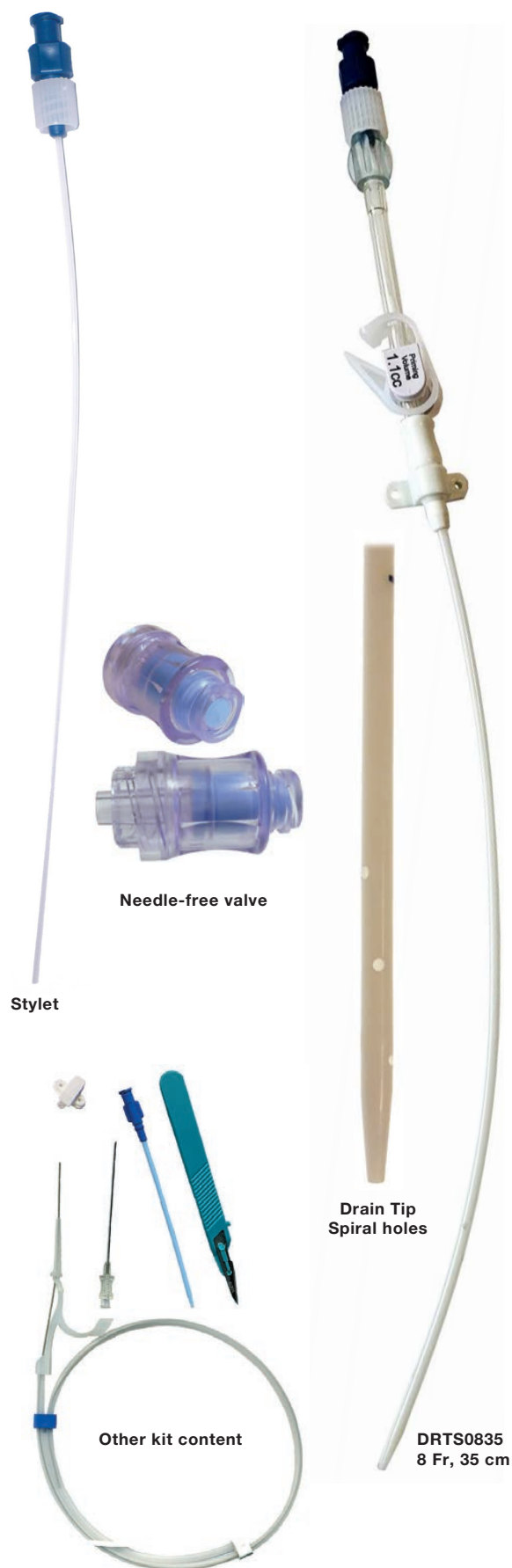
- Material offers some rigidity at room temperature, helping with placement. When in contact with body warmth, catheter material softens for improved patient comfort and compliance
- Integral stiffening stylet to aid placement and also check and adjust positioning after placement
- Drain catheter can be placed over the guide wire with the stylet in place, making thoracic placement very fast
- Multiple distal fenestrations through 360° rotation to ensure absolute and constant patency for drainage
- Radiopaque for easy identification on x-ray after placement

## Kit Contents

The kits contain everything required for safe and easy placement of the drainage catheter by the Seldinger technique:

- 8 Fr drain catheter with integral stylet; distance-marked
- Seldinger introducer needle
- Dilator for subcutaneous and intercostal tissue
- Guide wire on holder; straight/straight tips - distance-marked
- Disposable scalpel
- Adjustable suture wing
- 5 ml syringe
- Silicone Seldinger-compatible needle-free valve

Visit our Knowledge Centre page on our website for further details and information.  
([www.infusionconcepts.com/knowledge-centre](http://www.infusionconcepts.com/knowledge-centre))



## Unique Features of our Needle-Free Valves

Our needle-free valves are the ideal type to use with Seldinger kits. They allow a totally closed insertion technique (see section below) and this is why we supply two valves with each kit. For more information on our needle-free valves please see page 24 for details.

- The internal valve stem is shaped the same as the hub on the Seldinger introducer needle
- This shape allows smooth passage of the guide wire through the male end and out of the female luer valve surface
- One valve is supplied to allow for a totally closed placement
- Other valves supplied to be used after placement as a replacement valve, in case the valve surface of the first is damaged during placement
- End-point access to chest drain is using our needle-free valve for easier aspiration and kennel management:
  - ▶ Valve closes automatically when detaching syringe or luer connection
  - ▶ Valve is self-sealing and swabable, avoiding the need to cap to maintain sterility of the fluid path
  - ▶ No risk of accidental opening

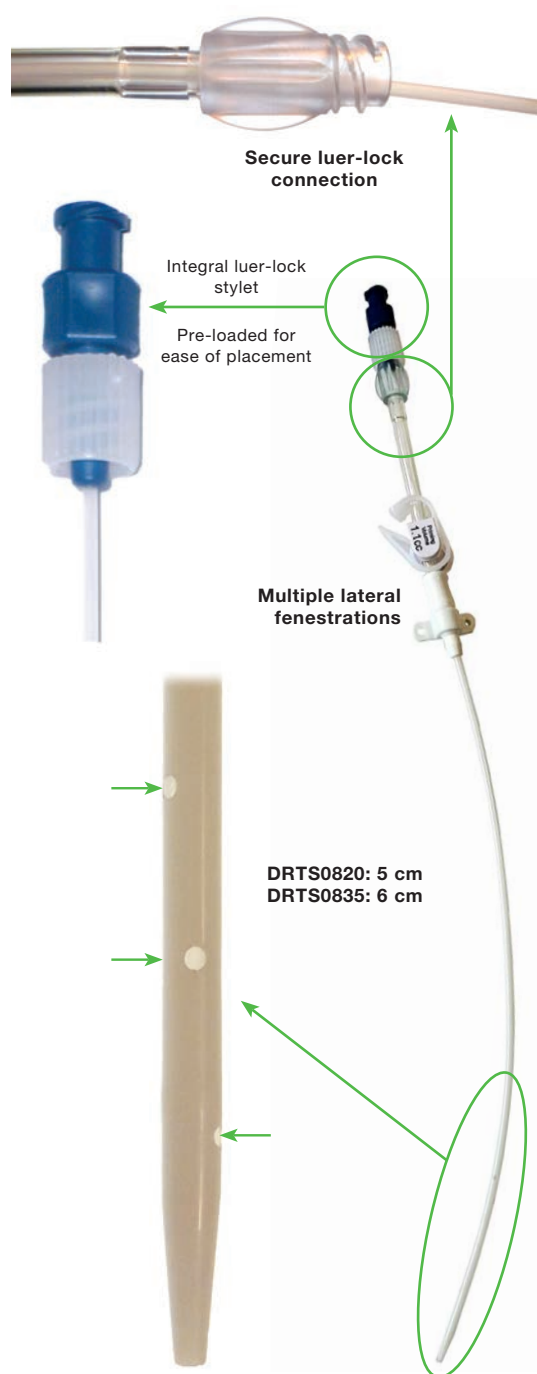
## Totally closed thoracic placement guide

Our Seldinger chest drain kits can be placed normally with open-ended needle, dilator, and catheter. Whilst this technique works well in patients with a severe effusion or pneumothorax (and subsequent low negative intra-thoracic pressure) it can adversely affect patients with only moderate compromise.

Our kits also allow you to place the drain as a closed system, preventing any significant ingress of air into the patient. This avoids the concern of drain placement causing short-term pneumothorax.

Please refer to the instruction sheet supplied with this kit or contact us for a spare copy. The guide describes drain placement using the needle-free valve, but you may prefer to place the drain in the traditional "open" method.

Visit our Knowledge Centre page on our website for further details and information. ([www.infusionconcepts.com/knowledge-centre](http://www.infusionconcepts.com/knowledge-centre))



## Product Summary

Product	Drain Size (Fr)	Length (cm)	Perforations Distance from tip (cm)	Pack Size	Our Code
N/Free Seldinger chest drain; 20 cm	8	20	5	1	DRTS0820
N/Free Seldinger chest drain; 35 cm	8	35	6	1	DRTS0835



# THE MARTIN PERICARDIAL DRAINAGE KIT

Our pericardial drainage catheter kit was developed over several years in association with Mike Martin of the Veterinary Cardiorespiratory Centre. It offers a simple and safe way to perform pericardial drainage techniques and can also be used for short-term thoracic procedures. The kits have been modified recently to improve access in very large breeds by increasing the guide wire length from 60 to 80 cm. We believe it offers significant benefits in ease of placement and ease of use over other comparable products.

"At last! A pericardiocentesis set I'm happy to put my name to. A great catheter with good handling characteristics"

Mike Martin; The veterinary cardiorespiratory centre

## Design and Features

The Martin Pericardial Drainage kit uses a specially toughened catheter together with simple Seldinger placement to make pericardiocentesis and drainage easy, even in patients with a thickened pericardium.

- 8 Fr, 25 cm drainage catheter
- 3 lateral and one distal hole for reliable drainage
- Specially toughened catheter to ease placement in chronic cases
- Full Seldinger placement kit
- C-clamp on catheter extension tube
- Full help and guidance available on the Seldinger technique
- This drain is suitable for short-term thoracic drainage if required urgently, but our new range of chest drain catheters are better suited to longer-term thoracic placement

"This kit proved a very effective way to safely drain pericardial effusions in large and small patients. The catheter appears well tolerated and comfortable even in conscious patients using insertion under local anaesthesia"

Gavin McAulay; New Priory Veterinary Hospital

## Kit Contents

The kits contain everything required for safe and easy placement of the drainage catheter by the Seldinger technique:

- 8 Fr drain catheter; distance-marked
- Seldinger introducer needle
- Tissue Dilator
- Guide wire on holder; straight/straight tips - distance-marked
- Disposable scalpel
- Non-latex injection cap
- 5 ml syringe

"We've been using the pericardial drainage kit in our hospital since it became available; it is a very well-designed set. All our vets find it easy to use and we find we drain all of the effusion first time."

Steve Ashman; St George's Veterinary Group

## Product Summary

Product	Drain Size (Fr)	Length (cm)	Perforations Distance from tip (cm)	Pack Size	Our Code
N/Free Seldinger Pericardial drain	8	25	3	1	DRPC0825



We design and supply a range of drain connectors to suit your needs, whether it's a wound drain or a chest drain you need to close. All our connectors include a female luer connection, for ease of use, and are supplied as single sterile units.

## Standard Drain Connector

- Fits all drain sizes from 12 - 28 Fr
- The most economical drain connector in our range



CDRFL

## Needle-free Drain Connections

### Design and Features

- Fully assembled and ready to fit to drain
- Choice of three configurations to suit most situations and sizes
- Three connectors available are fitted with our swabable needle-free valve for simple access and secure closure
- Valve is self-sealing, so there is no need to cap the end
- Makes aspiration and kennel management much easier
- NO risk of ever leaving a 3-way tap open
- C-clamp fitted to connector tubing for closure if changing the valve
- Additional C-clamp included in pouch for use on chest drains
- Add either of our one-way valves by simple luer connection
- Your complete drain closure set in a single connector

### Needle-free Drain Connector (DRFNV1)

- Fits drains sizes 12 - 28 Fr
- Light-weight and compact
- Ideal for low to moderate flow rates (pneumothorax, transudate and exudate)
- Best rescue/replacement connector if any connector part is damaged

### Wide-bore N-free Drain Connector (DRFNV2)

- Fits drains sizes 16 - 24 Fr
- Suits higher flow rates of thick exudates or pyothorax

### Needle-free Drain Adaptor (DRFNV3)

- A universal needle-free connector for any drain with a standard "Christmas Tree" connector fitted
- Fits drains sizes 8 - 42 Fr
- Suits all thoracic fluid and air



DRFNV1

DRFNV2

Remember: The biggest limitation in aspiration rate and risk of blockage is the size of the luer connections and syringe tip. This is especially so in cases where you are dealing with flocculent material such as pyothorax.



DRFNV3

## Product Summary

Product	Drain Size (Fr)	C-Clamp fits Drains (Fr)	Luer N/Free?	Pack Size	Our Code
Standard drain connector	12 - 28	n/a	No	1	CDRFL
Needle-free drain connector	12 - 28	12 - 18	Yes	1	DRFNV1
Wide-bore N-free connector	16 - 24	16 - 28	Yes	1	DRFNV2
Needle-free drain adaptor	8 - 42	16 - 28	Yes	1	DRFNV3

# ONE-WAY DRAINAGE VALVES

Our one-way drainage valves protect your patient's chest drain against any possible fluid or air ingress. ALL patients with a chest drain connected to a closed or active drainage system should have a one-way valve fitted for safety.

Our range of valves are luer-locking for ease of use and connect to our range of needle-free chest drains and connectors and are designed to make intermittent aspiration much easier to manage.

## Design and Features

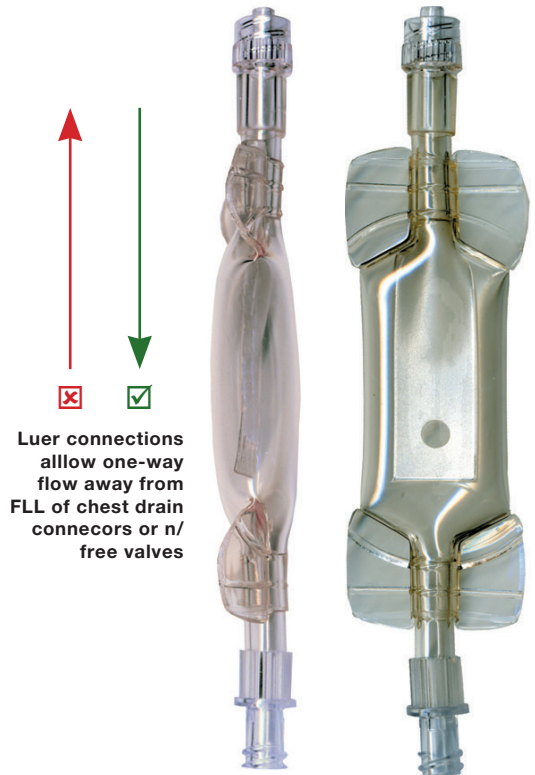
- Light-weight and compact
- Absolute safety for chest drains connected to a closed system
- Safe to use directly on chest drains and connectors
- Allows and simplifies intermittent access and aspiration

## Heimlich Pillow Valve

- A one-way Heimlich valve for chest drain safety
- Luer-locking for simple and secure connection to chest drains
- Pliant and compact for patient comfort & safety and ease of use
- Ideal for managing pneumothorax cases, especially tension pneumothorax
- Valve leaflets are very small, reducing surface tension and allowing effective spontaneous resolution of pneumothorax in smaller patients
- Suitable for air, effusions and exudates
- 13 cm long
- Compared to standard Heimlich valves, our pillow valve is:
  - ▶ More compact and light-weight
  - ▶ More effective on smaller patients
  - ▶ Easier to place and use, with no risk of fitting in the wrong direction
  - ▶ Less expensive



Standard heimlich valve



Luer connections allow one-way flow away from FLL of chest drain connectors or n/ free valves

Valve profiles

## Active Drainage Extensions

- Fully protects chest drains with Heimlich action
- Allows continuous syringe drainage without disconnecting
- C-clamp fitted on syringe aspiration tubing
- Suitable for air and transudates
- 22 & 25 cm lengths

### Active drain extension (DRACTIVE2)

- ▶ Our simplest valve, allowing secure active drainage
- ▶ Allows aspiration only, no lavage possible via extension

### Active drainage & lavage extension (DRACTIVE3)

- ▶ Has the same basic functionality as DRACTIVE2
- ▶ Inclusion of needle-free Y-port and slide clamp allows aspiration as well as secure lavage
- ▶ Valve surface is swabable, so does not need capping
- ▶ A non-activating cap is fitted to prevent gross contamination
- ▶ Intermittent aspiration can be done via N/Free valve, especially if chest content becomes more viscous during treatment



Active drain extension action



DRACTIVE2



DRACTIVE3

## Product Summary

Product	Length (cm)	Lavage	Suitable for draining:			Our Code
			Air	Transudate	Exudate	
Heimlich pillow valve	13	No	Yes	Yes	Yes	DRHEIMP
Active drainage extension	22	No	Yes	Yes	No	DRACTIVE2
Active drainage & lavage extn	25	Yes	Yes	Yes	OK	DRACTIVE3

# CHEST DRAIN GRENADE & EXTENSION

The Emodren grenade kit helps you to manage high volume thoracic effusions under constant active suction. In addition we have designed an extension to allow a way to quickly empty the grenade without disconnecting from the drain.

Remember: a one-way should always be fitted to the chest drain when using our closed grenade system.

## Emodren Drain Kit (700 ml)

### Design

The Emodren grenade provides you with a high-capacity grenade with an adaptable level of suction to aid high volume drainage situations. This grenade is suitable for all thoracic fluids and pneumothorax cases. It is easy to empty and has a C-clamp on drainage extension.

### Features

- 700 ml active suction grenade
- 12 Fr, 50 cm drain included
- Supplied with male luer lock connectors for easy connection to our range of chest drain kits and needle-free connectors
- 50 cm extension tubing in kit
- Can connect multiple grenades in series for high volume use
- Steel spring supplied for increased vacuum force if required
- Suitable for air, effusion, and exudate

Always fit a one-way valve to the chest drain prior to use



- Approximate suction pressures when fully collapsed (mm Hg):
  - ▶ NO Spring: 80 - 90
  - ▶ With spring: 110 - 130

### Product Summary

Product	Volume (ml)	Suitable for draining:			Our Code
		Air	Transudate	Exudate	
Emodren 700 ml grenade	700	Yes	Yes	Yes	DREM700

## Emodren Vented Extension

### Design

This extension provides you with a single one-way valve for use as an active drainage extension on the Emodren 700 ml grenade and chest drains. This makes managing high volume effusions and pneumothorax cases much easier (see DRACTIVE2 on page 56). An additional one-way valve must be placed on the chest drain for this to work (see page 24).

### Features

- Enhancing extension for Emodren grenades
- Allows grenade emptying without disconnection from drain or extension
- Easier management of high-volume drainage, especially pneumothorax
- Suitable for air and transudates
- Length: 25 cm



### Product Summary

Product	Length (mm)	Suitable for draining:			Our Code
		Air	Transudate	Exudate	
Emodren vented extension	25	Yes	Yes	Yes	DREMOD02



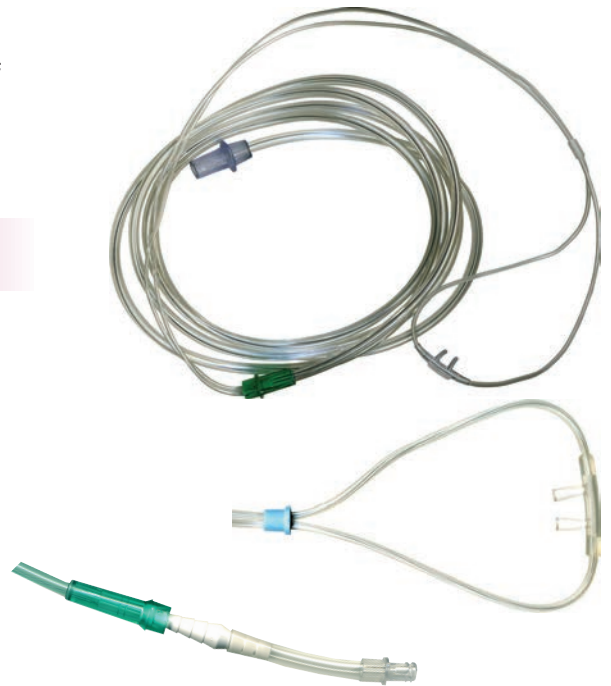
## Description

We offer a range of products that allow simple, easy delivery of nasal oxygen. These suit both routine supply and patients in critical conditions.

## Nasal Prong Sets

### Features and Design

- Twin-bore sets for simple and economical oxygen supply
- 205 cm extension tubing
- Provides oxygen:
  - ▶ directly into the nostrils
  - ▶ as "Flow By" supply
- Available in your choice of three sizes to suit most patients
- Connects to our cone connector (CCONE1 - see page 57)



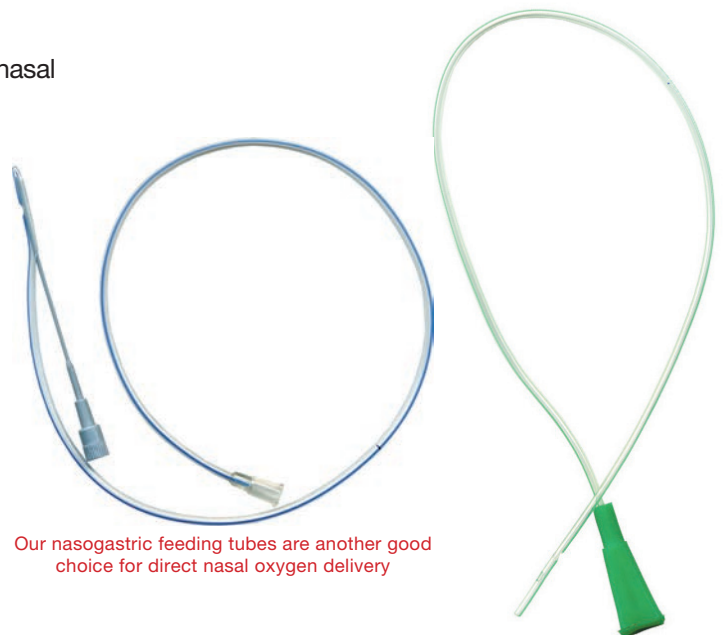
### Product Summary

Product	Length (cm)	Size	Outlets	Pack Size	Our Code
Nasal prong set; Adult	205	Adult	2	1	NP2008A
Nasal prong set; Paediatric	205	Paediatric	2	1	NP2008P
Nasal prong set; Neonatal	205	Neonatal	2	1	NP2008N

## Nasal Oxygen Catheters

### Features and Design

- Single lumen catheters placed directly into the ventral nasal meatus
- Supplies oxygen directly into the nasopharynx
- Two lateral holes and open end for good oxygen dispersal
- Moderate stiffness in catheter allows easier placement
- Three sizes available to suit most patient sizes
- Connections:
  - ▶ 6 & 8 Fr: to cone connector (CCONE1)
  - ▶ 10 Fr: Directly to male luer (eg NOE2100L oxygen connector)



Our nasogastric feeding tubes are another good choice for direct nasal oxygen delivery

### Product Summary

Product	Length (cm)	Size	Outlets	Pack Size	Our Code
Nasal Oxygen Catheter; 6 Fr	39	6	3	1	NO201106
Nasal Oxygen Catheter; 8 Fr	39	8	3	1	NO201108
Nasal Oxygen Catheter; 10 Fr	39	10	3	1	NO201110

## Description

We have designed a range of products to ensure simple, secure connection of oxygen outlets (spigots, ET tube connectors etc) to suit your choice of oxygen delivery device (nasal prongs, nasal catheters, or nasal feeding tubes). Connection is via a push-fit adaptor or screw-fit luer connector.

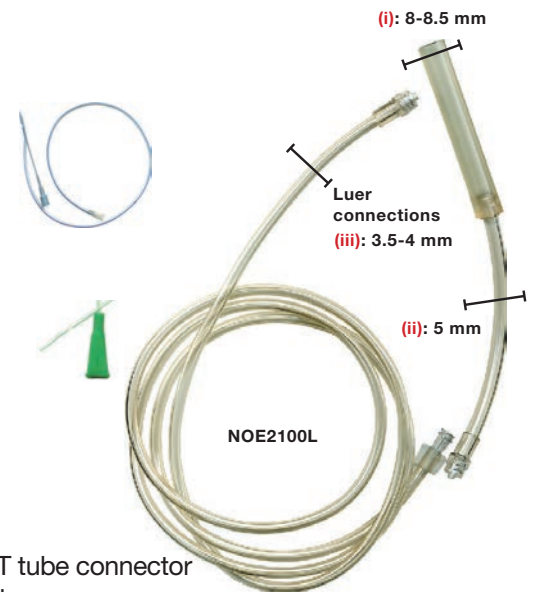
## Oxygen Connector Extension

### Features and Design

- Luer-connected extension to connect oxygen supply to:
  - ▶ Nasal prongs
  - ▶ Nasal feeding tubes
  - ▶ Nasal oxygen catheter
- Generous 210 cm tubing length
- Light-weight and fully adaptable whilst in use
- Alter to suit patient or kennel size by changing extension
- Connects securely to cone connector
- Excellent flow rates

### Connections

- Tubes fit to the following oxygen supply
  - Main adaptor tubing (i): Direct to oxygen spigot or an 8 - 8.5 mm ET tube connector
  - Secondary tubing (ii): Cut tube and fit to a 5 mm ET tube connector
  - Extension tubing (iii): Cut tube and fit to a 3 - 3.5 mm ET tube connector
- Male end of extension tubing connects to the following delivery devices:
  - ▶ Cone or funnel devices: Use our cone connector (CCONE1; see below)
  - ▶ Luer-connected device: Connect directly to male luer on extension tubing
  - ▶ 10 Fr nasal O2 catheter: Use the male luer connector on extension if CCONE1 does not give a tight fit



## Cone Connector

### Features and Design

- Luer-connected adaptor to fit most cone/funnel devices
- Female luer lock provides secure attachment to our oxygen connector extension (NOE200L; see above)
- Oxygen line can still be altered via the standard female luer connection
- We recommend bonding this connector to the delivery device with cyanoacrylate glue

### Connections

- Connector fits to the following oxygen supply
  - ▶ Nasal Oxygen Prong Sets
  - ▶ Nasal Oxygen Catheter Sets (6 & 8 Fr; 2011.06/08)



## Oxygen Y Connector

NEW

### Description

This nonsterile lightweight, hard plastic poly carbonate oxygen connector allows you to connect two oxygen sources to one patient or split one oxygen source between two patients. Transparent so that you can observe oxygen flow easily. All 3 side are the same allowing connectivity to 3/16in and 1/4in tubing. Single use only.

- ✓ Standard connectors
- ✓ Connect mutiple oxygen concentrators
- ✓ Divide oxygen over mutiple patients
- ✓ Universal; for each oxygen mask

### Product Summary

Product	Length (cm)	Connections		Pack Size	Our Code
		Distal	Proximal		
Oxygen Connector Extension	210	Male Luer	Push-fit tubing	1	NOE2100L
Cone Connector/Adaptor	20	Christmas tree	Female Luer	1	CCONE1
Oxygen Y Connector	0.5	Push fit	Push fit	5	OYC5-5



## Description

We design and supply a range of quality, soft, 100% silicone feeding tubes in a range of sizes and lengths. These provide you with both dedicated oesophagostomy tubes as well as pharyngostomy or general feeding tubes.

We currently supply 8 - 20 Fr sizes but can provide other sizes and lengths. Please let us know if you have a need for a particular size that we do not currently supply.

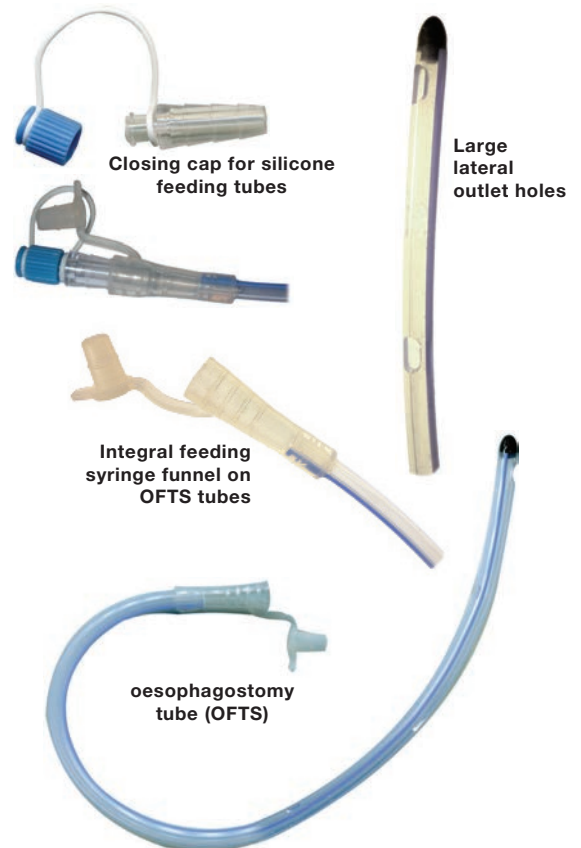
## Features and Design

The following features are common to both ranges of tubes; they only differ in size and length

- Soft, pliant 100% clear silicone material
- Radiopaque marker lines for easy confirmation of placement
- Distance markers for accurate placement
- Closed bullet-nosed tip for gentle placement
- 3 or 4 large lateral outlet holes
- Feeding syringe funnel as standard, with integral funnel closing cap on each tube
- Easy feeding of liquidised food

We also supply a special funnel closing cap (CCFC.01) that adapts the feeding syringe funnel (or foley catheter funnel) into a standard female luer connection

- Secure fluid-tight closure for access via normal syringe
- Integral female luer connector locking cap for hygiene



## Product Summary: Silicone OESOPHAGOSTOMY tubes

Product	Size (Fr)	Length (cm)	Outlets	Pack Size	Our Code
Oesophagostomy tube; 12 Fr	12	25	3	1	OFTS1225
Oesophagostomy tube; 14 Fr	14	25	3	1	OFTS1425
Oesophagostomy tube; 16 Fr	16	30	3	1	OFTS1630
Oesophagostomy tube; 20 Fr	20	40	4	1	OFTS2040
Funnel closing cap	n/a	4	1	1	CCFC.01

## Product Summary : Silicone GENERAL FEEDING tubes

Product	Size (Fr)	Length (cm)	Outlets	Pack Size	Our Code
Silicone Feeding tube; 8 Fr	8	35	3	1	OFTS0835
Silicone Feeding tube; 10 Fr	10	40	3	1	OFTS1040
Silicone Feeding tube; 12 Fr	12	50	4	1	OFTS1250
Silicone Feeding tube; 14 Fr	14	60	4	1	OFTS1460
Silicone Feeding tube; 16 Fr	16	60	4	1	OFTS1660
Silicone Feeding tube; 20 Fr	20	65	4	1	OFTS2065

## General Servicing & Repairs

We repair a wide range of general equipment, including:

- ✓ **Clippers**
- ✓ **Diagnostic Units**
- ✓ **Fluid Warmers**
- ✓ **Microscopes ...and much more!**

"We have recently started sending all our items for repair to Infusion Concepts and have found them to be extremely helpful, reliable and prompt..."

**Sophie Griffiths; North Downs Specialist Referrals**

## Description

Our range of quality PVC feeding tube kits combine incredible versatility and superb economy. These kits are length-adjustable making them suitable for placement as:

- ▶ General feeding tubes
- ▶ Pharyngostomy tubes
- ▶ Oesophagostomy tubes

These kits allow you to focus on the size of tube you need for each patient, rather than worrying if the size you need is the right length. We currently supply 10 - 20 Fr sizes but other sizes are available; please let us know if you have a need for an alternative size.

## Features and Design

- Semi-soft clear PVC material - superbly economical
- Generous 105 cm tube length
- Material softens when in contact with body warmth for improved patient comfort
- Radiopaque marker lines for easy confirmation of placement
- Distance markers for accurate placement
- Closed bullet-nosed tip for gentle placement
- 3 or 4 large lateral outlet holes, dependent on tube size and expected patient size
- Feeding syringe funnel supplied as standard for easy feeding of liquidised food
- Integral luer adaptor with closing cap for use with standard luer syringes
- We recommend that you always have appropriate adhesive available for use with these kits



PVC feeding tube kit, with syringe funnel adaptor



Syringe funnel adaptor suits both feeding & luer syringe tips

Generous lateral hole sizes

## Using these kits

- Select your tube based on size required for your patient
- Place the tube, secure and dress surgical site as normal
- Cut tube to your preferred length for easy access etc.
- Clean the cut tubing with spirit/alcohol and leave to dry
- Apply 2-4 drop of cyanoacrylate glue (super glue or skin adhesive) to outer surface of cut end of tubing
- Attach the funnel connector to the tubing with a firm "push and twist" action. Ensure luer cap is open
- Leave cap open until patient is recovering and the glue has completely dried
- When patient has fully recovered from anesthesia you can flush & prime the tube as normal

## Product Summary

Product	Size (Fr)	Length (cm)	Outlets	Pack Size	Our Code
PVC Feeding tube kit; 8 Fr	8	105	3	1	OFTK.08
PVC Feeding tube kit; 10 Fr	10	105	3	1	OFTK.10
PVC Feeding tube kit; 12 Fr	12	105	3	1	OFTK.12
PVC Feeding tube kit; 14 Fr	14	105	4	1	OFTK.14
PVC Feeding tube kit; 16 Fr	16	105	4	1	OFTK.16
PVC Feeding tube kit; 20 Fr	20	105	4	1	OFTK.20



# GENERAL FEEDING TUBES

## Description

We offer a range of tubes to aid simple and effective patient feeding, as well as delivery of nasal oxygen. The sizes available suit most patient sizes but other sizes are available. Please let us know if you have a need for an alternative size.

## Nasal Feeding Tubes

### Features and Design

- Frosted soft PVC nasal tubes suitable for:
  - ▶ Liquid food
  - ▶ Fluids
  - ▶ Oxygen supply
- Stiffening stylet for easier placement
- Closed rounded tip
- Two lateral outlet holes
- Radiopaque marker line
- Female luer lock connection for secure attachment
- Range of tube sizes and lengths available

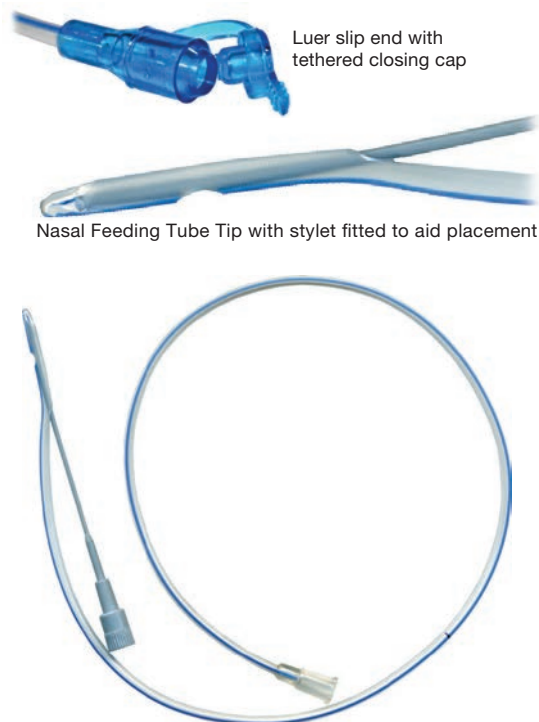
### Connections

- Male luer of Oxygen Extension Set (NOE200L) for oxygen
- Standard luer syringe for fluids and liquid feeding

Please note: Actual tube lengths may vary from those specified below due to manufacturing issues beyond our control. Please feel free to contact us for further details or exact lengths of any specific tube size you require.

### Product Summary

Product	Size (Fr)	Length (cm)	Outlets	Pack Size	Our Code
Nasal feeding tube; 4 Fr	4	40	2	1	NG2038.04
Nasal feeding tube; 5 Fr <b>NEW</b>	5	50	2	1	NG2038.05
Nasal feeding tube; 6 Fr	6	50	2	1	NG2038.06
Nasal feeding tube; 8 Fr	8	50	2	1	NG2038.08
Nasal feeding tube; 10 Fr <b>NEW</b>	10	40	2	1	NG2038.10.40
Nasal feeding tube; 10 Fr	10	50	2	1	NG2038.10.50
Nasal feeding tube; 10 Fr	10	100	2	1	NG2038.10



## Ryles Feeding Tubes

### Features and Design

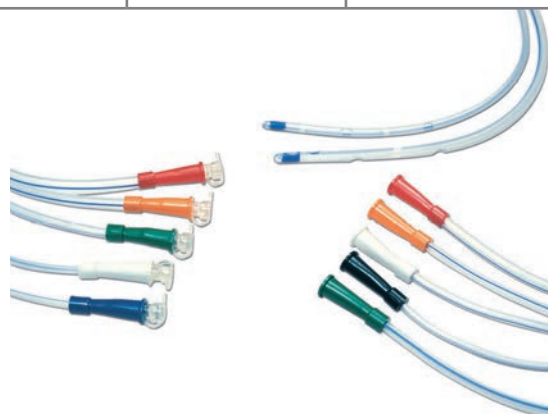
- Frosted PVC nasal tubes suitable for pharyngostomy placement
- Closed rounded tip for easier insertion
- Four lateral outlet holes; much larger than nasal tubes
- Funnel adaptor with integral luer stopper
- Allows easy feeding of liquidised food

### Connections

- Standard luer syringe for fluids and liquids
- Feeding syringe with funnel adaptor for liquidised food

### Product Summary

Product	Size (Fr)	Length (cm)	Outlets	Pack Size	Our Code
Ryles feeding tube; 12 Fr	12	105	4	1	NGP2034.12
Ryles feeding tube; 16 Fr	16	105	4	1	NGP2034.16
Ryles feeding tube; 20 Fr	20	105	4	1	NGP2034.20



## Description

We supply 150ml **NEW** and 350ml blood collection bags with a choice of pack sizes for the 350ml bags. All bags have a PVC inner bag with a foil outer wrapping. Our blood bags contain CPDA anti-coagulant which allows 28 days RBC storage.

## Features and Design

- 150 ml **NEW** / 350 ml blood collection capacity allows smaller donor sizes.
- 150 ml contains 21 ml CPDA anti-coagulant
- 350 ml contains 49 ml CPDA anti-coagulant
- 150 cm collection tube length
- Two outlet ports for transfusion lines, injection spikes etc.
- All bags are double wrapped to ensure maximum anticoagulant protection
- Foil outer wrap gives maximum shelf life and means that packs do not require refrigeration when stored prior to use
- Once outer foil is opened, remaining inner bags should be:
  - ▶ Stored out of light in a refrigerator
  - ▶ Used within two weeks

### Single pack - 150ml / 350ml

- ▶ Single bag per outer pack **NEW**
- ▶ Ideal if only collecting blood occasionally

### Twin pack - 150ml / 350ml

- ▶ Two bags per outer pack
- ▶ Ideal if collecting blood routinely every few weeks

### Ten pack - 150ml / 350ml

- ▶ Ten bags per outer pack
- ▶ Ideal for centres with a high collection frequency

## Blood line sealing clips

- Round clips for sealing collecting tubing securely
- Non-sterile; packs of 20 clips



## Product Summary

Product	Capacity (ml)	Outer Wrap	Sterile	Pack Size	Our Code
Blood collection bag (single)	150	Foil	Yes	1	T3032.150.01
Blood collection bag (twin pack)	150	Foil	Yes	2	T3032.150.02
Blood collection bag (Ten pack)	150	Foil	Yes	10	T3032.150.10
Blood collection bag (single)	350	Foil	Yes	1	T3031.01
Blood collection bag (Twin pack)	350	Foil	Yes	2	T3031.02
Blood collection bag (Ten pack)	350	Foil	Yes	10	T3031.10
Clips for collection tubing	n/a	PVC	No	20	T3030.20

# AniFM I3/S3

Veterinary Infusion Pump / Syringe Driver

## Innovation in Drops



✓ Colour coded drugs library

✓ Robust, clear touch screen

✓ Infuse in Rate, Dose or Time

✓ Compatible with multiple lines/syringes

## 6 Advanced Technologies

### Suspension System

The cleverly designed suspension floating pump ensures accurate stable infusion, even over long periods & with variation in consumable specifications.

### Multi-Device Interconnection

Built in WiFi allows for connection with the Central Monitoring System. Allowing the monitoring of the infusion status from anywhere in your practice.

### Automatic Brake

Instantly stops to prevent accidental bolus that may occur due to unintended drops.

### Dynamic Pressure System

A speedometer style dashboard provides pre-alarms of changes in infusion tubing pressure, intelligent on screen troubleshooting and automatic restarts.

### Rotating Mounting Cube

By a simple press of a button on a rotating cube behind the pump, AniFM series can be easily mounted on cages or fastened horizontally/vertically on poles.

### Certified for Blood Transfusion

Careful optimisation of the pump reduces red blood cell lysis. Experiments show the AniFM can decrease the deviation in red blood cell damage to < 3% during transfusion.





infusion  
concepts



EQUINE PRODUCTS



# EQUINE Y-SPIRAL INFUSION LINES

## Description

We offer two equine Y-spiral sets providing excellent versatility with large animal infusions. They feature generous set lengths, quality components and good flow control. Both sets offer superb performance with excellent economy in infusion therapy.

## Features and Design

- Roller valve and C-clamp for improved flow control
- Twin spikes for bag access
- Approx 550 cm set length
- Quality 10-drop/ml chambers gives easy flow rate calculation
- T-port injection site distally with finger guard
- Rotating end male luer lock
- Fully bonded connections
- Semi wide-bore tubing for good flow rates
- Extremely economical

## Set configurations

### Basic PVC Y-spiral line

- ▶ Simple one-piece PVC giving set
- ▶ Specially toughened spiral tube section
- ▶ Non-latex T-port injection site near catheter connection
- ▶ Tie wraps can be supplied for securing spikes & line if required
- ▶ Extremely economical for general fluid therapy in large animals

### Basic Polyurethane (PUR) Y-spiral line

- ▶ Toughened PUR spiral tube section for increased resilience
- ▶ Spiral tube section with tighter spiral loops for increased spring and better recoil
- ▶ 100 ml burette chamber with:
  - » non-latex injection site for drug administration or adding CRI lines
  - » Closeable air vent to allow priming with distal line closed and addition of filtered air if required during infusion
  - » flutter valve to prevent accidental air ingress to line from burette
- ▶ Integral swivel connector below chamber:
  - » prevents tangling of set below burette
  - » keeps burette in static position, allowing addition of CRI lines
- ▶ Non-latex Y-port injection site near catheter connection
- ▶ Supplied with tie wraps for securing spikes and lines
- ▶ Superior flow regulation/control:
  - » integral screw lock flow regulator fitted
  - » precision roller valve for flow adjustment
  - » C-clamp for immediate shut-off during injections or disconnection

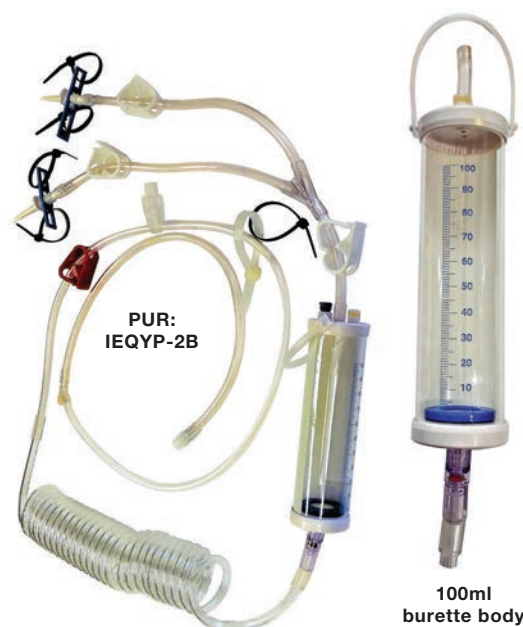


PVC:  
IEQYB01

Check out our transfer sets to allow piggyback infusions of four bags into twin spike sets



ETXFLBB1



PUR:  
IEQYP-2B

100ml  
burette body

## Product Summary

Product	Drops (per ml)	Length (cm)	Ports* (P / D)	Luers (in-line)	Flow Rates** (Litres/hr)	Our Code
Basic PVC Y-spiral	10	550	0 / T	0	25-30	IEQYB01
Polyurethane Y-spiral	20	550	B / Y	0	25-30	IEQYP-2B

\* B = Burette Injection site; Y = Y Injection port

\*\* Typical flow rate of set at 1 cm drop with no catheter connected

## Description

We have two infusion sets designed for ultra-rapid fluid administration in both small and large animal practice. They combine excellent performance with superb economy.

## Features and Design

- Precision roller valve and C-clamp for improved flow control
- Easy priming
- Ultra-rapid fluid administration
- Extremely economical

## Set configurations

### Hi Flo infusion line

- ▶ Simple one-piece semi wide-bore giving set
- ▶ 10-drop/ml chamber; 200 cm long
- ▶ Rotating male luer lock
- ▶ The ideal set for rapid fluid administration in small animals
- ▶ Extremely economical for general fluid therapy in large animals

Performance (Maximum rate; litres/hr; nominated catheter sizes)

Free Flow:	50
14G x 45 mm:	21
18G x 32 mm:	8

### Wide bore infusion line

- ▶ One-piece wide bore set with 8 mm tubing
- ▶ Spiked 260 cm long set
- ▶ Precision roller valve and C-clamp for flow control and priming
- ▶ Exceptional flow rates, exceeding all catheter ratings
- ▶ An economical line for rapid fluid administration in large animals

Performance (Maximum rate; litres/hr; nominated catheter sizes)

Free Flow:	70
14G x 45 mm:	35
18G x 32 mm:	n/a

**Please Note:** Catheter length and diameter are the ultimate limitation to maximum flow rate on these sets. For maximum flow rate use a catheter with the shortest length and widest bore possible.

## Product Summary

Product	Drops (per ml)	Length (cm)	Ports (P / D)	Luers (in-line)	End Priming (ml)	Free Flow (ml)	I/V Catheter 14g x 45mm (ml)	I/V Catheter 18g x 32mm (ml)	Our Code
Hi Flo giving set	10	200	0 / 0	0	/ 36	50	21	8	HIFLO200
Wide bore giving set	n/a	260	0 / 0	0	/ 110	70	35	n/a	IWB80-01



Hi Flo



Wide bore

You can get most of our products directly from your wholesaler

Most of our product range is available straight from your usual distributor!

- ✓ Normal wholesaler discounts for qualifying consumables range
- ✓ Convenient invoicing directly from your distributor
- ✓ Normal wholesaler terms & conditions
- ✓ Next day delivery for stock items
- ✗ No delivery charge for stock items

**covetrus**  
**AmerisourceBergen**  
MWI Animal Health®

**NVS**  
National Veterinary Services

Contact us for further details or for help with placing your order - we're here to help make your life easier!!

# EQUINE EXTENSIONS AND END EXTENSIONS

## Description

We offer a range of straight extension lines to meet your clinical needs. They give you the choice of standard replacement extensions or pump-specific tubing.

## Features and Design

- High pliancy, twist-resistance and good flow rates
- Choice of wide, standard or narrow bore tubing
- Choice of extension length (75 - 220 cm) and priming volume



ESSWB220



ESSHK075

## Straight Extensions

- ▶ Replacement mid sections for ModuFlo giving sets
- ▶ Wide-bore extension available for rapid fluid administration
- ▶ Ideal for drainage work with tubing does not collapse under negative pressure
- ▶ ESSHK075 features standard tubing with an integral slide clamp

## Product Summary

Product	Length (cm)	Priming (ml)	Replacement (mid-section for)	Our Code
Wide Bore Straight Extension	220	105	n/a	<b>ESSWB2200</b>
Straight Std Bore Extension With Slide Clamp	75	5.9	n/a	<b>ESSHK075</b>

## Description

Developed in collaboration with colleagues at the RVC Equine hospital, these extensions offer improved patient safety and ease of use over standard extensions often used in equine practice. Both are pre-moulded to a "U"-shape for easier placement and include an integral C-clamp for additional safety.

### Needle-free standard bore end extension

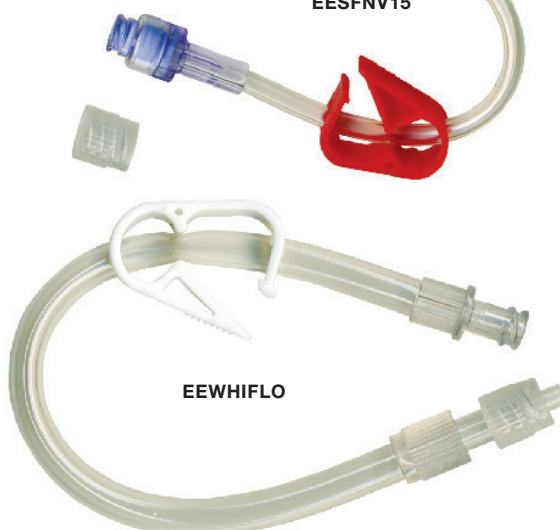
- ▶ 15 cm long; preformed into semi-circle
- ▶ Resilient tubing resists kinking
- ▶ Integral needle-free valve on female luer connection
- ▶ Male luer has fully mobile locking collar to allow your choice of luer connection (slip or lock)
- ▶ No injection ports



EESFNV15

### HiFlo end extension

- ▶ 18 cm long; preformed into semi-circle
- ▶ Resilient tubing resists kinking
- ▶ Wider bore tubing ensures no reduction in flow rate
- ▶ Integral C-clamp is easier to use than traditional slide clamp
- ▶ Male luer has a rotating locking collar for easier attachment to catheter
- ▶ No injection ports



EEWHIFLO

## Product Summary

Product	Length (cm)	Female Luer	Male Luer	Y-Port	Priming (Inj. ml)	Our Code
Needle-free standard	15	N/Free	Mobile	nil	n/a	<b>EESFNV15</b>
HiFlo end extension	18	Plain	Rotating	nil	n/a	<b>EEWHIFLO</b>

## Transfer sets

### Description

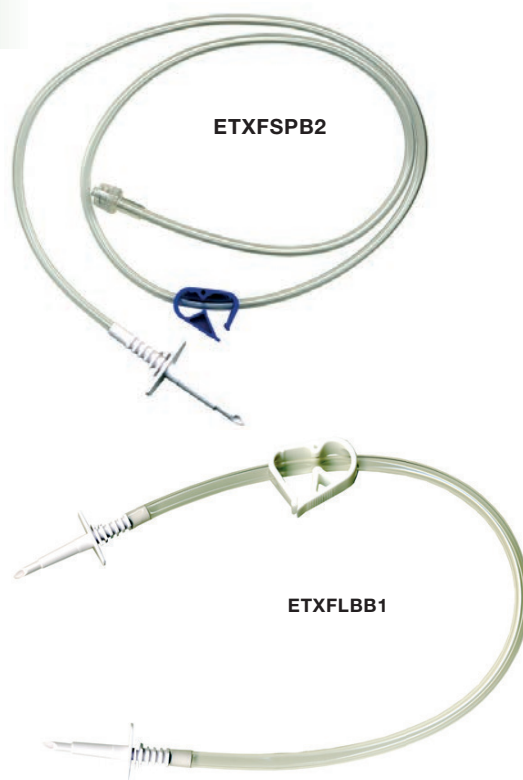
Transfer sets connect secondary fluid bags into primary bags to create a piggyback infusion through a single giving set. This allows prolonged infusions from standard bags as well as easier administration of large fluid volumes.

### Features and Design

- C-clamp for easier flow control
- Proximal connection is a plain bag spike
- Distal connection is your choice of male luer or plain bag spike

### Large animal transfer set

- ▶ Tough tubing for prolonged use and good flow rates
- ▶ Connects primary bag spike into secondary bag spike



### Product Summary

Product	Length (cm)	Proximal connection	Distal connection	Bore Diam (One side, ml)	C-clamp	Our Code
LARGE animal	40	Bag Spike	Bag Spike	4.8	Yes	ETXFLBB1

\* MLL = Male Luer Lock

## VetCath and DeltaVen peripheral I/V catheters

**We are the UK distributors for the new VetCath and DeltaVen peripheral catheter range**

Please refer to **pages 26 & 27** of this guide for details on this range.

Contact us for further details or for help with placing your order - we're here to help make your life easier!

### Manufactured in Italy for the best:

- ▶ **Quality**
- ▶ **Performance**
- ▶ **Competitive pricing**

and supplied by a local company you can trust!

- ✓ Choice of hub shape
- ✓ Choice of catheter material
- ✓ Safety or plain
- ✓ Standard hub or integral extension



Ask us for your **FREE** samples of VetCath catheters today

Available from your wholesaler!



# EQUINE I/V CATHETERS, N/F VALVES AND CAPS

## Description

VetCath is our range of high-quality peripheral I/V catheters. They are manufactured in Italy and offer a choice of hub configuration/shape. They will make your I/V access placement simple, safe, easier and more cost effective.

## Features

- Atraumatic venous puncture due to:
  - ▶ Back-bevel sharpened needle tip for ease of direct puncture
  - ▶ Stiffer stylet for more positive puncture and advancement
  - ▶ Conical tapered tip with optimal catheter needle tip distance
- Choice of THREE hub configurations
- All hub shapes allow simple one-handed placement
- Transparent flash-back chamber with removable filter cap
- Three radiopaque marker lines
- Luer lock cap included to close catheter luer if required
- The stiffer stylet means:
  - ▶ Easier venipuncture without needing to cut down
  - ▶ Positive "feel" without problems caused by a rigid stylet/needle



Ultra-sharp, back-bevelled needle tip with optimal catheter-to-needle tip distance

Quick, positive, visible flash-back



PUR material softens in blood, helping to prevent kinking

Refer back to pg.26 for more information

## Product Summary

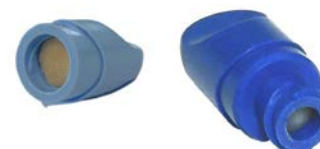
Size (G)	Length (cm)	Material	Feature	Our Code
22	25	Teflon (PTFE)	Small ridge - no wings	VCT1264T
20	32	Teflon (PTFE)	Small ridge - no wings	VCT1364T
22	25	Polyurethane (PUR)	Small ridge - no wings	VCT1285P
20	32	Polyurethane (PUR)	Small ridge - no wings	VCT1385P
20	52	Polyurethane (PUR)	Small ridge - no wings	VCT1398P
22	25	Teflon (PTFE)	Large wings & port	VC21215T
20	32	Teflon (PTFE)	Large wings & port	VC21315T
18	32	Teflon (PTFE)	Large wings & port	VC21815T
18	45	Teflon (PTFE)	Large wings & port	VC21415T
22	25	Teflon (PTFE)	Small suture wings	VC11265T
20	32	Teflon (PTFE)	Small suture wings	VC11365T
22	25	Polyurethane (PUR)	Small suture wings	VC11281P
20	32	Polyurethane (PUR)	Small suture wings	VC11381P
18	32	Polyurethane (PUR)	Small suture wings	VC11881P
18	45	Polyurethane (PUR)	Small suture wings	VC11481P
16	45	Polyurethane (PUR)	Small suture wings	VC11681P
Large Sized Catheters				
14	45	Polyurethane (PUR)	Small suture wings	VC11781P
14	70	Teflon (PTFE)	Small ridge - no wings	VCT1795T

## Needle Free Caps and Valves

Refer back to pg.21-24 for all cap and connector product information.

## Description

We offer two ranges of needle-free valves to suit your needs and make patient management so much easier. One range features caps at both ends of the valve to make clinical management easier whilst the other has no caps, and offers you the best economy.



## Description

Our open-ended Equine stomach tubes are ideal for draining undesirable contents from the stomach or aiding with decompression. The DEHP free silicone ensures that it won't become rigid in cooler temperatures or soften and kink in warmer ones.

The entry ended is rounded to assist with a smooth induction and a moulded funnel end makes attachment to a drench pump quick and easy, should this be required.

## Features and Design

- C-clamp for easier flow control
- Proximal connection is a plain bag spike
- Distal connection is your choice of male luer or plain bag spike

**NEW**



## Product Summary

Size (mm)	Length (m)	Suitability	Outlets	Our Code
9	2.1	Foal	Open ended	STEQ0921
13	2.7	Small horse	Open ended	STEQ1327
17	2.7	Medium horse	Open ended	STEQ1727
19	3	Large horse	Open ended	STEQ1930

Infusion Concepts provides veterinarians with high-quality equine products to help them carry out their veterinary work in the best possible way. Our team consist of people with a passion for horses and therefore the health of horses is at the centre of everything we do.





## ABOUT OUR HEAD OFFICE

In August 2015 we purchased our current headquarters and warehouse facility, and immediately began an extensive renovation project to bring the premises upto our exacting needs. The renovation work took a total of 16 months to complete, but we were able to move in to the buildings in June 2016 whilst the work was going on around us. This proved an interesting and challenging working environment!

The premises has been used for many purposes over it's 110 year existence, but was originally built as a large commercial laundry. Its construction, condition and location meant it required significant refurbishment to make it fit for our needs and product range.

The renovated buildings gives us 10,000 sq ft of storage, packaging, manufacturing and office space across three interconnected buildings. It was a major undertaking, but was exciting to see the emergence of a clean, dry storage facility, new office and storage facilities within the original framework of the building. Above all, it's great to see this little bit of history being preserved.



## ABOUT OUR SERVICE CENTRE

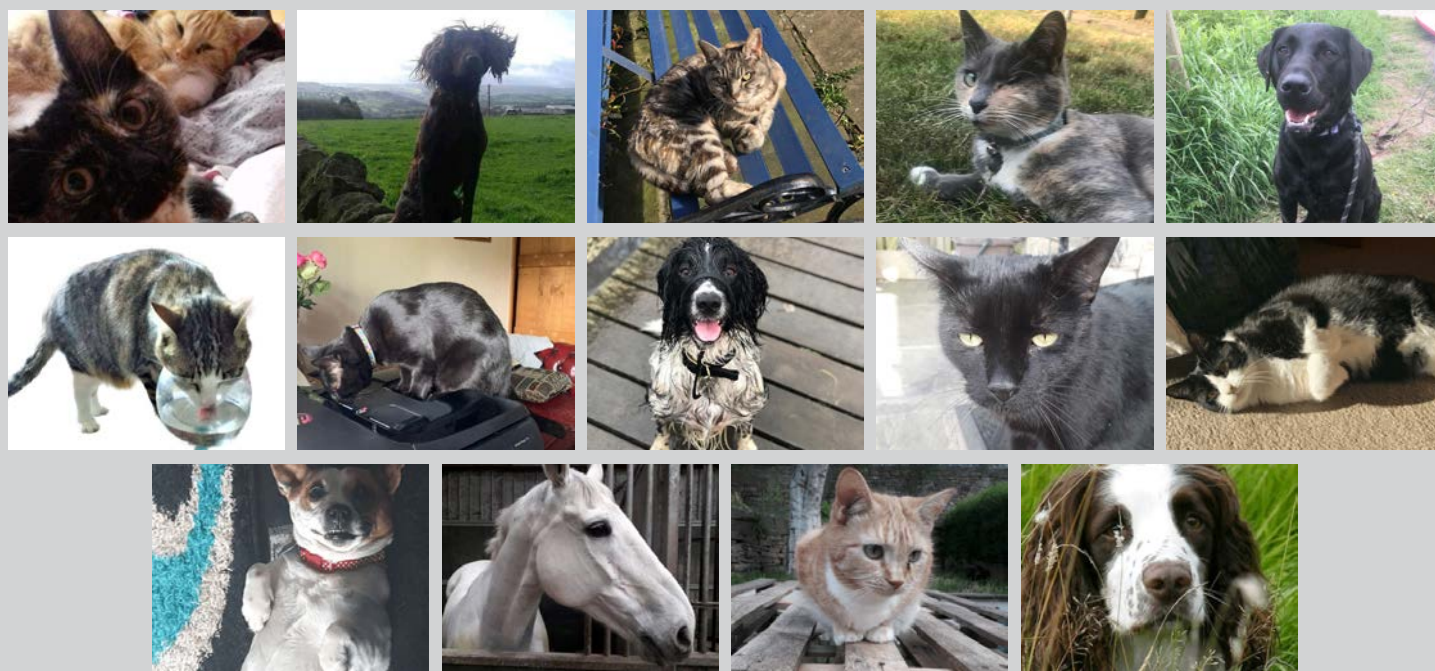


By mid-2016, we had out-grown our servicing capacity due to lack of space in the original workshop facility. The demand for our services had grown far quicker than expected and, despite searching, we had not been able to find suitable alternative facilities.

In October 2017 we completed purchase of our new workshop, service centre and warehousing facility in Sheriff Hutton. We converted the existing office space into a workshop and, hey-presto, Ben suddenly had nearly four times the working space he had previously! The 2,000 sq ft building gave us huge expansion in our capacity for both number of repairs and the range and size of items that we can repair.

In October 2018, we completed work on a new purpose-built workshop within these premises. This now gives us over 330 square feet of workshop space with a huge amount of potential to expand further.

## MEET OUR PETS





## Krissy - Director

Krissy took over the role of Company Director at the end of February 2020, after the sudden passing of her Stepdad, Mark Lever. Although the shoes she had to fill were large, Krissy has stepped forward with the same passion and vigour Mark used to found this company.

Krissy is no beginner in the Veterinary field, having qualified as a Veterinary nurse back in the 90s. Although she changed her career path in 2003, she continued to be involved in Infusion Concepts and was often seen at Congresses, ferrying the beers to the stand to ensure they all had enough "fluids".

In her spare time, she is often seen her chasing around after her two daughters, covered in mud from her two working Cocker Spaniels, pulling the straw out of her jodhpurs from her beloved horse Wilky or trying to persuade her two cats not to sleep on her keyboard!



## John - Service Engineer

Our service engineer Ben joined us in February 2012 and is based in York in a modern workshop facility. Ben looks after all repair work for us, both with infusion pumps and general equipment. His actual name is John Bennett, but we are just so used to calling him "BEN" although rumour has it, he's been called a lot worse. Most of which is unprintable.

## Chris - Service Engineer

Having joined the service centre aspect of the business back in November 2018, Chris quickly learned the ropes and became Ben's right hand man. It's just a shame that Ben is left handed. Nonetheless Chris can be found adeptly performing repair work, and handling the myriad paperwork that comes along with it.



## Martin - Warehouse Operative

Martin joined us in September 2018 and is currently applying himself in our warehouse, keeping things running smoothly. Martin came to us from the West Yorkshire Police force and claims that our stock is much easier to handle than his previous 'customers'.

## Alison - Office Administrator

Alison joined the company in November 2018 and is an all-rounder who helps in all aspects of the business, going wherever is busiest. She never stays in one place long, and if she isn't entering orders or answering queries, you can usually find her with her sleeves rolled up in the warehouse or keeping the company mascot entertained.



## Charlotte - Accounts & Office Administrator

Charlotte joined Infusion Concepts in January 2021 and is enjoying getting stuck into a new challenge after working in a busy veterinary hospital for 6 years. She mainly looks after our accounts but is often found at the kettle ensuring everyone is appropriately caffeinated!

When not at work you can find her relaxing (or trying to) with her one-eyed cat Dot and rather boisterous kitten Ar Kid.

## Ryan - Warehouse Operative

Ryan joined our team in November 2021 and is currently trying to come to terms with our warehouse with guidance from Martin. We are not sure whether he has hair or not as he is never seen without his beloved Leeds United beanie hat.



This does cause some rivalry within the company as Alison supports Liverpool, Martin supports Huddersfield Town and Adam supports Manchester United.

## Adam - General Assistant

Adam joined our Team in November 2021 and is currently a man of all trades. He is always on hand to assist wherever we need him, although this attention is normally being demanded by The Terrible Trio AKA Buddy, Theo and Riley (our office dogs).

Although he doesn't have any pets of his own, he normally looks after his Gran's dog, Sam, when she is out, and loves to spoil the "boys" by bringing them toys and treats into work.





# HOW TO ORDER ONLINE

## Are you looking to purchase top-quality veterinary equipment online?

Our website is home to an array of leading veterinary products from top brands. In addition, we offer an easy-to-use ordering system, designed to help you simplify your restocking process.

[www.infusionconcepts.com](http://www.infusionconcepts.com)

### ▶ Step 1: Register For Account

To purchase veterinary equipment from us, you will need to register for an account.

We sell exclusively to veterinary practices and wholesalers registered with official Veterinary Governing bodies. Enter your email address and choose your preference regarding our newsletter to begin your journey.

[www.infusionconcepts.com/my-account/](http://www.infusionconcepts.com/my-account/)

### ▶ Step 2: Finding Veterinary Equipment

For those who have purchased via our brochure before, you may notice that our website categories follow the same colour scheme.

Our search system allows you to search via product name or SKU code. You can also find additional services and related products alongside the veterinary product descriptions.

[www.infusionconcepts.com](http://www.infusionconcepts.com)

### ▶ Step 3: Purchasing Veterinary Equipment

We have the option to order through our website, email ([info@infusionconcepts.com](mailto:info@infusionconcepts.com)) and also over the phone – whichever is easiest for you.

All veterinary clinics are entitled to bulk discounts on select products, so feel free to contact us for more details. We're always available via telephone or email to help you find the perfect deal that works best for your veterinary needs.

[www.infusionconcepts.com/basket/](http://www.infusionconcepts.com/basket/)

### ▶ Step 4: Other Things We Offer

We offer easy access to our outstanding veterinary repair service via our site, which is part of our warranty on many of our infusion pumps and drivers.

On our website, you'll find a wide array of veterinary guides and documentation, written by our expert team and provided to us by leading manufacturers. We also offer tutorial videos on our YouTube channel to help you purchase the perfect veterinary products for your needs.

[www.infusionconcepts.com/servicing-repairs/](http://www.infusionconcepts.com/servicing-repairs/)



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