

SINCE 1991

# MILA

INTERNATIONAL, INC.

*Medical Instrumentation for Animals*



# 2026 Catalog

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



*Since 1991, MILA International has been committed to advancing veterinary medicine through innovation, education, and customer service. As a global leader in critical care products for animals, we empower veterinary professionals—technicians and doctors alike—by listening to their needs and collaborating to provide cutting-edge solutions.*

*Our promise is to continually raise the standard of animal healthcare worldwide, ensuring the best possible outcomes for every patient in the most cost-effective way.*





**MILA**  
INTERNATIONAL, INC.  
*Medical Instrumentation for Animals*

SINCE 1991



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# Long-Term Polyurethane Catheter Kits

## INDICATIONS:

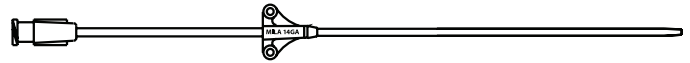
The long-term MILACATH® is indicated for venous administration of drugs or fluids, blood sampling, TPN, and central venous blood pressure monitoring. The catheter's biocompatible material is non-kinking and non-thrombogenic.

**Recommended indwell time:** Up to 30 days

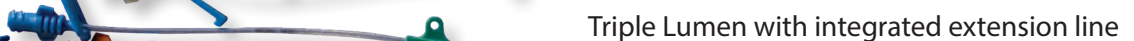
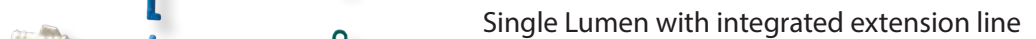
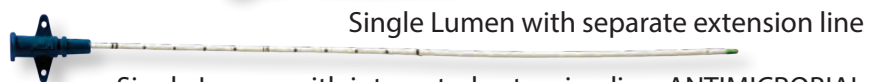
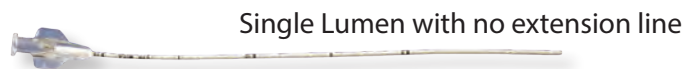
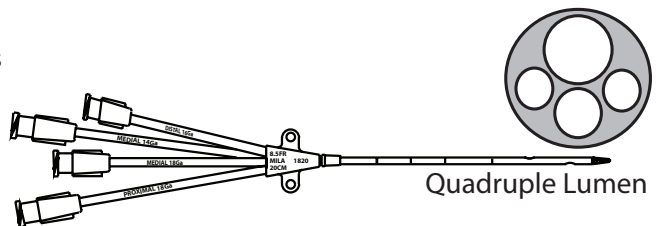
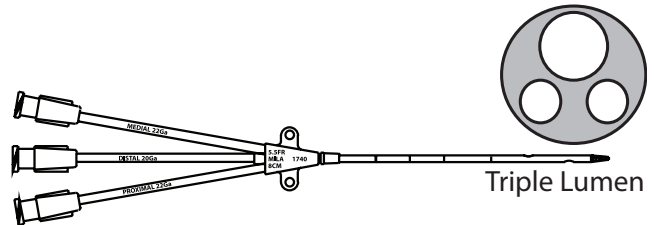
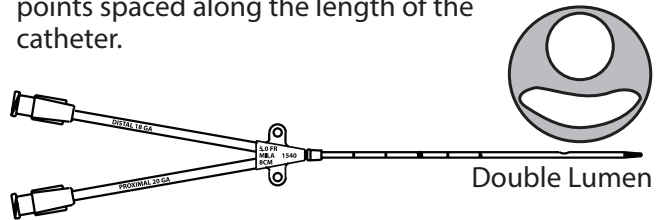
**Choose the catheter kit from pages 8-14 based on the features below:**

- |   |  |
|---|--|
| <p>1) Insertion Technique:</p> <ul style="list-style-type: none"> <li>• Guidewire Introduction</li> <li>• Peel-Away Introduction</li> </ul>     | <p>4) Catheter Length</p> <ul style="list-style-type: none"> <li>• 6.5cm to 60cm</li> </ul>  |
| <p>2) Animal Size:</p> <ul style="list-style-type: none"> <li>• Large Animal/Equine</li> <li>• Small Animal/Dogs and Cats</li> </ul>            | <p>5) Catheter Type:</p> <ul style="list-style-type: none"> <li>• Standard</li> <li>• Antimicrobial</li> </ul>                                     |
| <p>3) Number of Lumens:</p> <ul style="list-style-type: none"> <li>• Single</li> <li>• Double</li> <li>• Triple</li> <li>• Quadruple</li> </ul> | <p>6) Preferred Extensions:</p> <ul style="list-style-type: none"> <li>• Integrated Extension Lines</li> <li>• Separate Extension Lines</li> </ul> |

Single Lumen Catheters - Available with integrated or separate extension lines. The 14Ga catheters have a side and distal exit port.



Multi-Lumen Catheters - Each lumen has separate exit points spaced along the length of the catheter.



## GUIDEWIRE INTRODUCTION of a Long-Term MILACATH®



**1** INTRODUCER: Use the provided catheter-over-needle to cannulate the vein. Confirm placement in the vein by a flashback of blood into the stylet hub. Remove the needle.



**2** GUIDEWIRE: Using the thumb notch, retract the curved "J" tip. Place the tip of the guidewire introducer into the catheter hub and feed the guidewire slowly using the thumb notch.

**\*\*ALWAYS HOLD ON TO THE GUIDEWIRE\*\***



**3** TISSUE DILATOR: Keeping the guidewire stable, remove the introducer catheter. Feed the dilator onto the guidewire. Pinch the skin proximal to the insertion site to create a skin tent and use firm pressure to introduce the dilator. Use the provided scalpel to make a small skin nick if needed. Do not feed the dilator and guidewire as one unit.



**4** CATHETER: Keeping the guidewire stable with your non-dominant hand, remove the dilator. Feed the catheter onto the wire, paying close attention to the wire as it exits the distal port. **DO NOT INSERT THE CATHETER IF THE WIRE HAS NOT EXITED THE OTHER END. \*\*ALWAYS HOLD ON TO THE GUIDEWIRE. \*\***

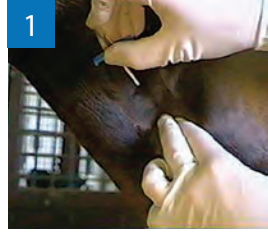


**5** When the catheter has been placed to the required depth, remove the guidewire. Secure the catheter in place with the included suture. If the final indwelling depth is not at the catheter hub, use the included suture wing and blue clamp to secure the extended external length in place at the insertion site.



Guidewire Introduction

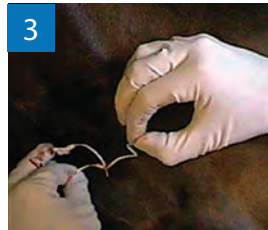
## PEEL-AWAY INTRODUCTION of a Long-Term MILACATH®



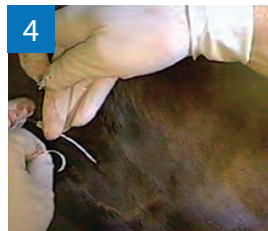
**1** PEEL-AWAY INTRODUCER: Cannulate the vein holding the stylet and peel-away sheath together with the handles flat against the skin. Confirm placement in the vein by a flashback of blood into the hub. Remove the stylet while stabilizing the introducer sheath.



**2** CATHETER: Feed the catheter into the introducer sheath to the required depth.



**3** Hold catheter hub or extension set against the animal. Grasp the blue handles with both hands and snap away from the hub to break them apart. Gently pull the introducer sheath out of the insertion site ~0.5cm at a time. Pull the handles away from each other to tear the sheath apart. Take care to avoid splitting the peel-away directly at the insertion site.

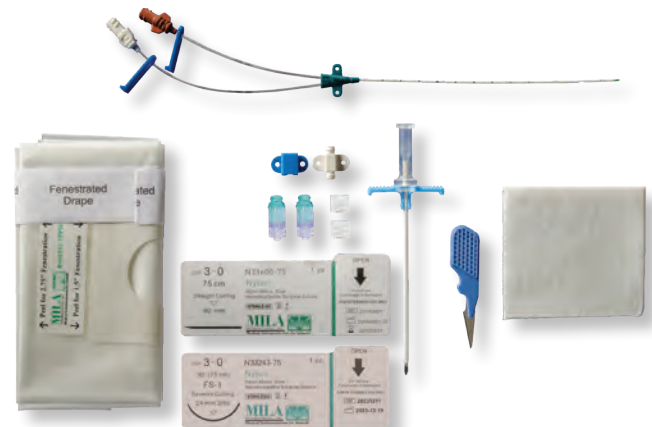


Once the peel-away has been completely split and removed, push the remainder of the catheter to the required depth.



**5** Secure the catheter in place with the included suture. Sutures through the wing eyelets should be pulled toward the insertion site. If the final indwelling depth is not at the catheter hub, use the included suture wing and blue clamp to secure the extended external length in place at the insertion site.

Photos courtesy of:  
Hagyard Equine Medical Institute



Peel-Away Introduction

# Long-Term MILACATH® – SINGLE LUMEN Guidewire Introduction

**Indwell Time  
Up to 30 days**



Single Lumen Catheters:  
Available with integrated or separate extension lines.  
The 14Ga catheters have a side and distal exit port.



Guidewire Introduction



Soft, green tip  
minimizes the risk  
of vessel trauma

## Everything you need to place and secure the catheter.



\*Small animal kit pictured

### SMALL ANIMAL KITS INCLUDE:

- Single Lumen Catheter
- Integrated Extension Line with Clamp
- Suture Wing(s)
- Suture Clamp(s)
- Guidewire Inside Coiled Housing
- Dilator(s)
- Catheter-over-Needle Introducer(s)
- Size 11 Scalpel
- 3-0 Nylon Suture with Curved Needle
- 3-0 Nylon Suture with Straight Needle
- Needle-Free Stasis Valve
- Stemless Cap
- Fenestrated Drape
- Gauze (4)

### LARGE ANIMAL KITS INCLUDE:

- Single Lumen Catheter
- Extension Line with Clamp (integrated or separate)
- Suture Wing(s)
- Suture Clamp(s)
- Guidewire Inside Coiled Housing
- Dilator(s)
- Catheter-over-Needle Introducer(s)
- Size 15 Scalpel
- 2-0 Polypropylene Suture with Curved Needle
- 2-0 Polypropylene Suture with Straight Needle
- Needle-Free Stasis Valve
- Stemless Cap
- Gauze (4)
- Tethered cap (#8090) included in LA1615-2P, LA1620-2P, LA1415-2P, and LA1420-2P instead of a stasis valve and stemless cap



# Long-Term MILACATH® – SINGLE LUMEN Guidewire Introduction

Indwell Time  
Up to 30 days

## Small Animal Kits

GAUGE	FRENCH	LENGTH	INTRODUCER	ITEM #
24Ga	1.7Fr	10cm (4in)	22Ga	SA2410
22Ga	2Fr	10cm (4in)	22Ga	SA2210
20Ga	3Fr	6.5cm (2.6in)	20Ga	SA2006
20Ga	3Fr	12cm (4.7in)	20Ga	SA2012
19Ga	3.5Fr	15cm (6in)	20Ga	*SA1915
19Ga	3.5Fr	25cm (10in)	20Ga	*SA1925
18Ga	4Fr	6.5cm (2.6in)	20Ga	SA1806
18Ga	4Fr	15cm (6in)	20Ga	SA1815
18Ga	4Fr	25cm (10in)	20Ga	SA1825
16Ga	5Fr	9cm (3.5in)	18Ga	SA1609
16Ga	5Fr	15cm (6in)	18Ga	SA1615
16Ga	5Fr	20cm (8in)	18Ga	SA1620
16Ga	5Fr	30cm (12in)	18Ga	SA1630
14Ga	6Fr	20cm (8in)	16Ga	SA1420

\*extension not included



## Large Animal Kits

GAUGE	FRENCH	LENGTH	CATHETER INTRODUCER(S)	NEEDLE INTRODUCER	ITEM #
16Ga	5Fr	15cm (6in)	18Ga, 16Ga	16Ga FOALS	LA1615
16Ga	5Fr	20cm (8in)	16Ga	16Ga FOALS	LA1620
14Ga	6Fr	15cm (6in)	14Ga	14Ga	LA1415
14Ga	6Fr	20cm (8in)	14Ga	14Ga	LA1420
12Ga	8Fr	20cm (8in)	14Ga	14Ga	LA1220
16Ga	5Fr	11cm (4.5in)	18Ga, 16Ga	16Ga FOALS	**LA1611-A
16Ga	5Fr	15cm (6in)	18Ga, 16Ga	16Ga FOALS	**LA1615-A
16Ga	5Fr	20cm (8in)	16Ga	16Ga FOALS	**LA1620-A
14Ga	6Fr	20cm (8in)	14Ga	14Ga	**LA1420-A

BOVINE KIT INCLUDES: CATHETER, INTRODUCER, GUIDEWIRE, DILATOR, SUTURE WINGS WITH CLAMPS, STASIS VALVE, AND CAP

12Ga	8Fr	20cm (8in)		14Ga	BOVINE	B1220
16Ga	5Fr	15cm (6in)	18Ga, 16Ga	16Ga	FOALS	***LA1615-2P
16Ga	5Fr	20cm (8in)	16Ga	16Ga	FOALS	***LA1620-2P
14Ga	6Fr	15cm (6in)	14Ga	14Ga		***LA1415-2P
14Ga	6Fr	20cm (8in)	14Ga	14Ga		***LA1420-2P

\*\*Antimicrobial catheters feature silver zirconium phosphate throughout the catheter body to inhibit bacteria growth without the risk of bacterial resistance.

\*\*\*Separate extension with tethered cap instead of stasis valve and stemless cap



2P Catheter

# Long-Term MILACATH® – DOUBLE LUMEN Guidewire Introduction

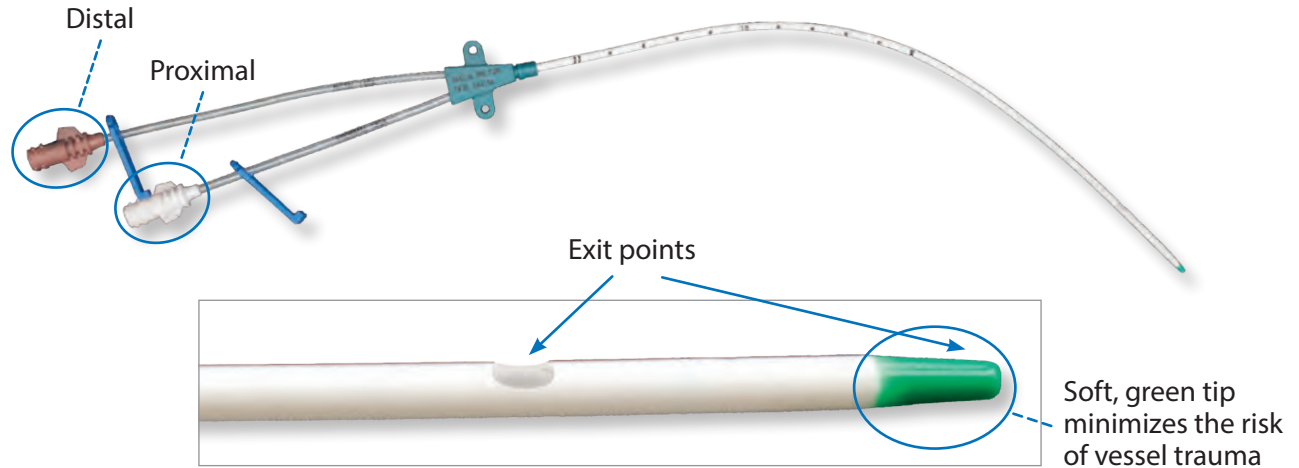
**Indwell Time  
Up to 30 days**



Double Lumen Catheters -  
Each lumen has separate exit points  
spaced along the length of the catheter.



Guidewire  
Introduction



## Everything you need to place and secure the catheter.



Now packaged with  
**MILA VuSite™**  
Window Dressing (Item # WD7)



### SMALL ANIMAL KITS INCLUDE:

- Double Lumen Catheter
- Integrated Extension Line with Clamp
- Suture Wing(s)
- Suture Clamp(s)
- Guidewire Inside Coiled Housing
- Dilator(s)
- Catheter-over-Needle Introducer(s)
- Size 11 Scalpel
- 3-0 Nylon Suture with Curved Needle
- 3-0 Nylon Suture with Straight Needle
- Needle-Free Stasis Valve (2)
- Stemless Cap (2)
- Fenestrated Drape
- Gauze (4)
- MILA VuSite™ Window Dressing\*

\* Only in 5Fr and 7Fr kits. See chart on next page.

### LARGE ANIMAL KITS INCLUDE:

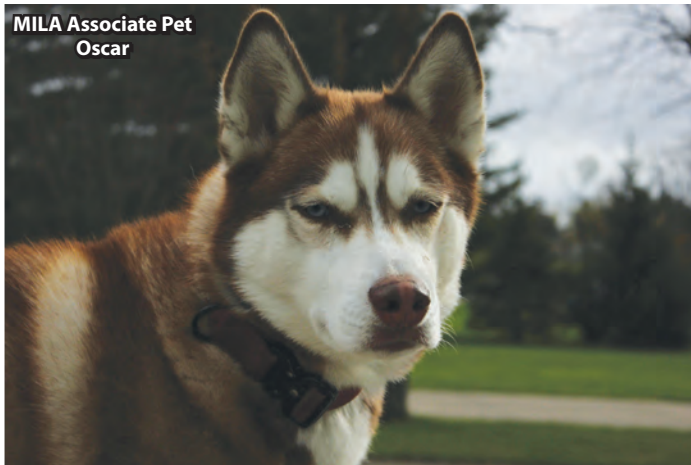
- Double Lumen Catheter
- Integrated Extension Line with Clamp
- Suture Wing(s)
- Suture Clamp(s)
- Guidewire Inside Coiled Housing
- Dilator(s)
- Catheter-over-Needle Introducer(s)
- Size 15 Scalpel
- 2-0 Polypropylene Suture with Curved Needle
- 2-0 Polypropylene Suture with Straight Needle
- Needle-Free Stasis Valves (2)
- Stemless Caps (2)
- Gauze (4)



\*Small animal kit pictured

**Small Animal Kits**

SIZE	LENGTH	LUMENS	INTRODUCER	MILA VuSite™	ITEM#
4Fr	8cm (3in)	22Ga(2)	20Ga		SA4FD08
4Fr	13cm (5in)	22Ga(2)	20Ga		SA4FD13
4Fr	30cm (12in)	22Ga (2)	20Ga		SA4FD30
5Fr	8cm (3in)	18Ga & 20Ga	20Ga	✓	SA5FD08
5Fr	13cm (5in)	18Ga & 20Ga	20Ga	✓	SA5FD13
5Fr	25cm (10in)	18Ga & 20Ga	20Ga	✓	SA5FD25
7Fr	15cm (6in)	14Ga & 18Ga	18Ga	✓	SA7FD15
7Fr	20cm (8in)	14Ga & 18Ga	18Ga	✓	SA7FD20
7Fr	30cm (12in)	14Ga & 18Ga	18Ga	✓	SA7FD30
7Fr	60cm (24in)	16Ga (2)	18Ga	✓	SA7FD60



MILA Associate Pet  
 Oscar



MILA Associate Pet  
 Castillar dy Cazaril

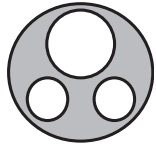
**Large Animal Kits**

SIZE	LENGTH	LUMENS	INTRODUCER	ITEM#
7Fr	15cm (6in)	14Ga & 18Ga	14Ga & 16Ga	LA7FD15
7Fr	20cm (8in)	14Ga & 18Ga	14Ga & 16Ga	LA7FD20



# Long-Term MILACATH® – TRIPLE and QUADRUPLE LUMEN Guidewire Introduction

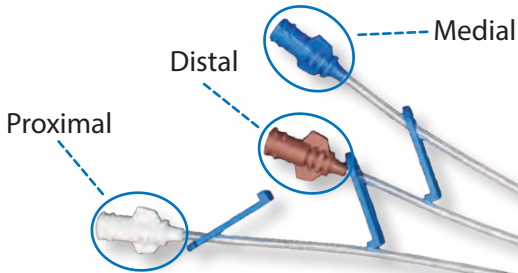
**Indwell Time  
Up to 30 days**



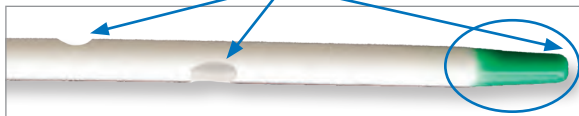
**Triple Lumen Catheters:**  
Each lumen has separate exit points spaced along the length of the catheter.



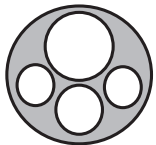
Guidewire Introduction



Staggered exit points

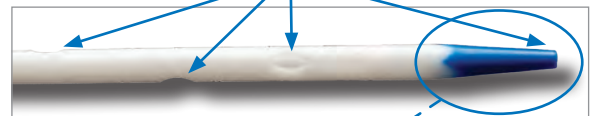


Soft, green tip  
minimizes the risk  
of vessel trauma

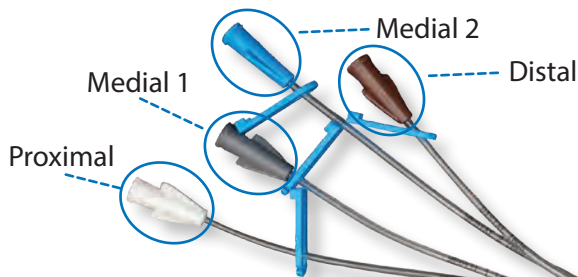


**Quadruple Lumen Catheters:**  
Each lumen has separate exit points spaced along the length of the catheter.

Staggered exit points



Soft, blue tip  
minimizes the risk  
of vessel trauma



Now packaged with  
**MILA VuSite™**  
Window Dressing (Item # WD7) 

## SMALL ANIMAL KITS INCLUDE:

- Triple or Quadruple Lumen Catheter
- Integrated Extension Line with Clamp
- Suture Wing(s)
- Suture Clamp(s)
- Guidewire Inside Coiled Housing
- Dilator(s)
- Catheter-over-Needle Introducer(s)
- Size 11 Scalpel
- 3-0 Nylon Suture with Curved Needle
- 3-0 Nylon Suture with Straight Needle
- Needle-Free Stasis Valves (Triple Lumen - 3, Quad Lumen - 4)
- Stemless Caps (Triple Lumen - 3, Quad Lumen - 4)
- Fenestrated Drape
- Gauze (4)
- MILA VuSite™ Window Dressing

## LARGE ANIMAL KITS INCLUDE:

- Triple or Quadruple Lumen Catheter
- Integrated Extension Line with Clamp
- Suture Wing(s)
- Suture Clamp(s)
- Guidewire Inside Coiled Housing
- Dilator(s)
- Catheter-over-Needle Introducer(s)
- Size 15 Scalpel
- 2-0 Polypropylene Suture with Curved Needle
- 2-0 Polypropylene Suture with Straight Needle
- Needle-Free Stasis Valves (Triple Lumen - 3, Quad Lumen - 4)
- Stemless Cap (Triple Lumen - 3, Quad Lumen - 4)
- Gauze (4)

## Long-Term MILACATH® – TRIPLE LUMEN Guidewire Introduction

Indwell Time  
Up to 30 days

### Small Animal Kits

SIZE	LENGTH	LUMENS	INTRODUCER	MILA VuSite™	ITEM#
5.5Fr	8cm (3in)	20Ga & 22Ga(2)	20Ga	✓	SA5FT08
5.5Fr	13cm (5in)	20Ga & 22Ga(2)	20Ga	✓	SA5FT13
5.5Fr	30cm (12in)	20Ga & 22Ga(2)	20Ga	✓	SA5FT30
7Fr	15cm (6in)	16Ga & 18Ga(2)	18Ga	✓	SA7FT15
7Fr	20cm (8in)	16Ga & 18Ga(2)	18Ga	✓	SA7FT20
7Fr	30cm (12in)	16Ga & 18Ga(2)	18Ga	✓	SA7FT30
7Fr	60cm (24in)	16Ga & 18Ga(2)	18Ga	✓	SA7FT60

### Large Animal Kits

SIZE	LENGTH	LUMENS	INTRODUCER	ITEM#
7Fr	15cm (6in)	16Ga & 18Ga(2)	16Ga	LA7FT15

## Long-Term MILACATH® – QUADRUPLE LUMEN Guidewire Introduction

Indwell Time  
Up to 30 days

### Small Animal Kits

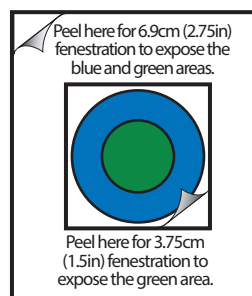
SIZE	LENGTH	LUMEN(S)	INTRODUCER	MILA VuSite™	ITEM #
8.5Fr	20cm (8in)	16Ga, 14Ga & 18Ga(2)	18Ga	✓	SA8FQ20

## Pick & Peel Surgical Drape

Use for maintaining a sterile field for catheter placement. Each drape allows the user to select a 3.75cm (1.5in) or 6.9cm (2.75in) fenestration. Drape size: 60cm x 60cm (24in x 24in)

- Adhesive apertures
- Sterile, impervious, translucent film
- Provides superb translucent protection from fluids with optimal drapeability
- Great for keeping patients clean and dry during DENTAL PROCEDURES - Simply put the muzzle through the fenestration
- Item #PPD10 contains TEN drapes, each individually packaged and sterile

DESCRIPTION	ITEM #
Pick & Peel Surgical Drape	PPD
Pick & Peel Surgical Drape - 10 Pack	PPD10

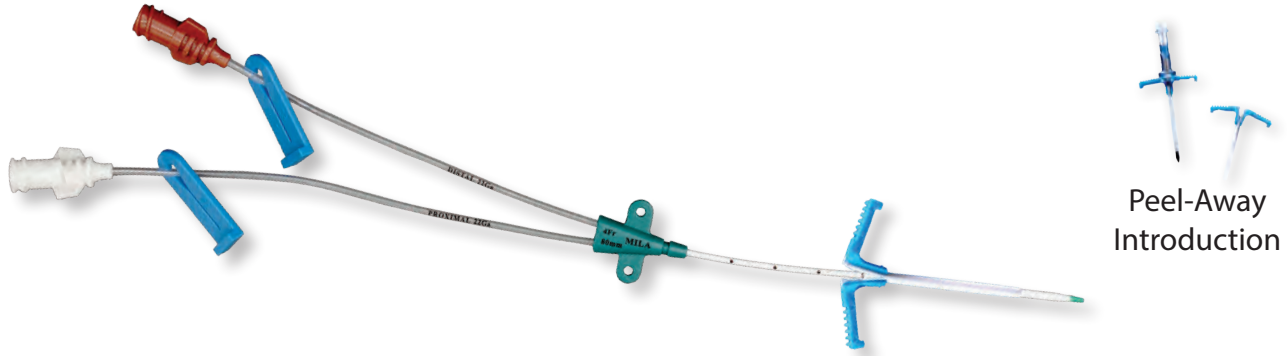


**BUY THE 10-PACK AND SAVE \$\$\$!**

# Long-Term MILACATH® - Small and Large Animal Kits

## Peel-Away introduction

**Indwell Time  
Up to 30 days**



**Everything you need to place and secure the catheter.**



### SMALL ANIMAL KITS INCLUDE:

- Peel-Away Introducer
- Catheter with Integrated Extension(s) and Clamp(s)
- Suture Wing(s)
- Suture Clamp(s)
- Size 11 Scalpel
- 3-0 Nylon Suture with Curved Needle
- 3-0 Nylon Suture with Straight Needle
- Needle-Free Stasis Valve(s)
- Stemless Cap(s)
- Fenestrated Drape
- Gauze (4)

### LARGE ANIMAL KITS INCLUDE:

- Peel-Away Introducer
- Catheter with Integrated Extension and Clamp
- Suture Wing(s)
- Suture Clamp(s)
- Size 15 Scalpel
- 2-0 Polypropylene Suture with Curved Needle
- 2-0 Polypropylene Suture with Straight Needle
- Needle-Free Stasis Valve
- Stemless Cap
- Gauze (4)

### SMALL ANIMAL Single Lumen

GAUGE	FRENCH	LENGTH	LUMEN(S)	PEEL-AWAY INTRODUCER	ITEM #
19Ga	3.5Fr	15cm (6in)		4Fr x 3.75cm (1.5in)	*SA1915-PI
19Ga	3.5Fr	25cm (10in)		4Fr x 3.75cm (1.5in)	*SA1925-PI

\*extension not included

### SMALL ANIMAL Double Lumen with Integrated Extension Line

18Ga	4Fr	8cm (3in)	22Ga(2)	4Fr x 3.75cm (1.5in)	SA4FD08-PI
18Ga	4Fr	13cm (5in)	22Ga(2)	4Fr x 3.75cm (1.5in)	SA4FD13-PI
16Ga	5Fr	8cm (3in)	18Ga & 20Ga	5Fr x 3.75cm (1.5in)	SASFD08-PI
16Ga	5Fr	13cm (5in)	18Ga & 20Ga	5Fr x 3.75cm (1.5in)	SASFD13-PI

### LARGE ANIMAL Single Lumen with Integrated Extension Line

16Ga	5Fr	15cm (6in)		5Fr x 3.75cm (1.5in)	<b>FOALS</b> LA1615-PI
14Ga	6Fr	20cm (8in)		6Fr x 3.75cm (1.5in)	LA1420-PI

## Peel-Away Introducers

Facilitate the placement of catheters with these high-quality introducers. They peel apart cleanly after introduction. Used in MILA long-term catheter kits and PICC kits.



GAUGE	FRENCH	LENGTH	ITEM #
20Ga	3Fr	3.75cm (1.5in)	4203
18Ga	4Fr	3.75cm (1.5in)	4204
16Ga	5Fr	3.75cm (1.5in)	4205.5
16Ga	5Fr	6.25cm (2.5in)	4205
14Ga	6Fr	3.75cm (1.5in)	4206.5
14Ga	6Fr	6.25cm (2.5in)	4206

## PICC - Polyurethane Catheter Kit

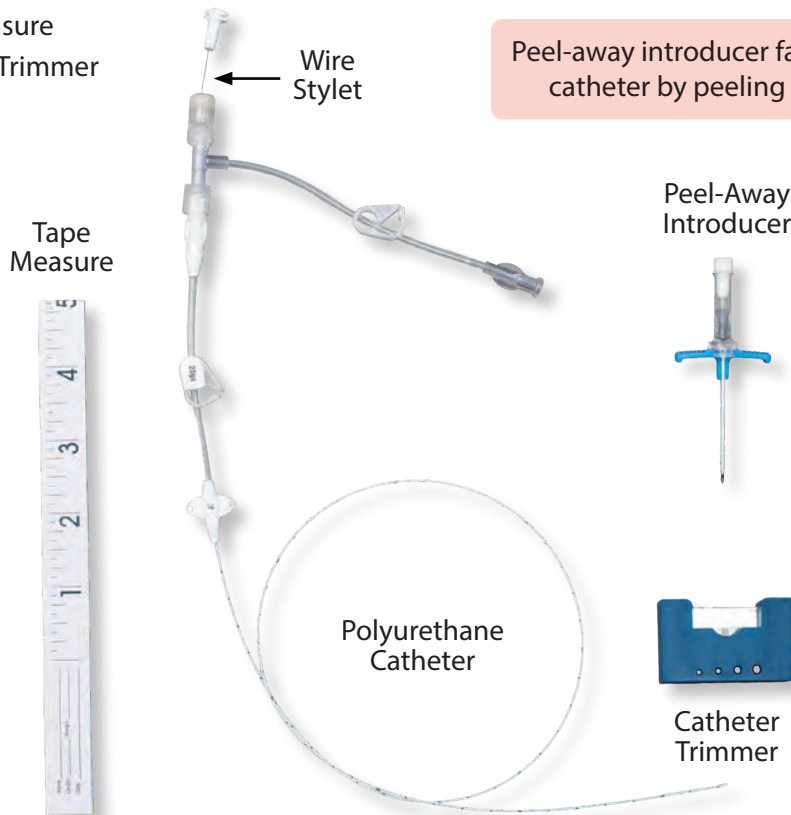
Catheter-through-Peel-Away Introducer



- Length-adjustable, radiopaque polyurethane catheter for long-term venous access (30+ days)
- Insertion method via peel-away introducer
- Catheter has a wire stylet to facilitate advancement
- Kit includes:
  1. Peel-Away introducer
  2. Catheter with wire stylet
  3. Tape measure
  4. Catheter Trimmer

FRENCH	GAUGE	LENGTH	LUMENS	ITEM #
1.9Fr	23Ga	40cm (16in)	Single	*3240
3Fr	20Ga	60cm (24in)	Single	3360
4Fr	18Ga	60cm (24in)	Single	3460
5Fr	16Ga	60cm (24in)	Single	3560
5Fr	18Ga(2)	60cm (24in)	Double	3565

\*Silicone Catheter



Peel-away introducer facilitates the placement of the PICC catheter by peeling apart cleanly after introduction.

Pick & Peel Drape recommended for sterile field, see page 13.

# Drum Long Line Catheter

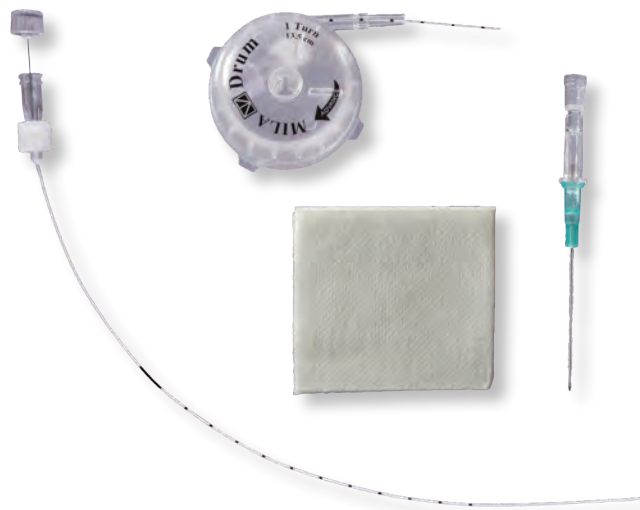
Catheter-through-Catheter Introduction Style

**Indwell Time  
Up to 30 days**



- Recommended for administration of vesicant drugs (hypertonic solutions, chemotherapeutics, vasopressors, etc.) and/or serial blood draws
- The drum houses the long catheter and is an advancement system designed to minimize the risk of touch contamination
- Introduction technique: Long catheter through introducer catheter
- The **introducer catheter remains indwelling** and the long catheter hub screws onto the introducer catheter hub. Because the introducer catheter remains indwelling, the long catheter can be easily replaced through the same introducer, avoiding another needle stick
- Long catheter material is radiopaque, kink-resistant polyurethane
- Kit includes:
  1. Catheter-over-needle introducer
  2. Long catheter with stiffening wire stylet
  3. Drum
  4. Gauze

- IDEAL FOR:
1. Administration of vasopressor (e.g., norepinephrine) when a central line is not feasible
  2. High-concentrated dextrose administration to crashing hypoglycemic patient
  3. Serial blood draws
  4. Blood glucose curves



SIZE	LENGTH	INTRODUCER	ITEM #
22Ga	20cm (8in)	20Ga	LLD2220
20Ga	20cm (8in)	18Ga	LLD2020
19Ga	25cm (10in)	16Ga	LLD1925



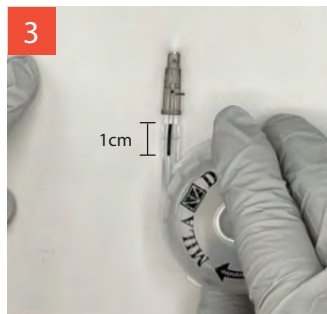
**Use with MILA Stasis Valve to minimize risk of clotting.**  
Item #8200 | See page 23 for details



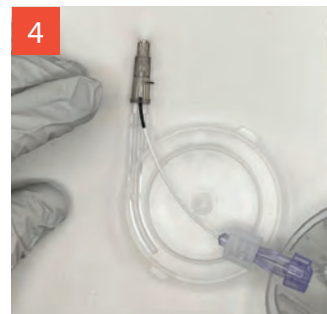
1 Insert introducer catheter into vessel. Remove needle.



2 Insert tip of drum into catheter hub.



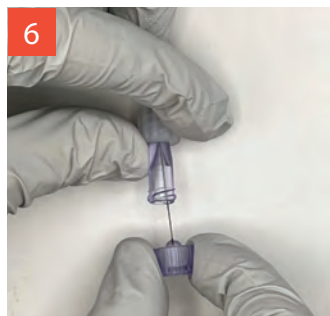
3 Rotate wheel clockwise to advance the long catheter until the long black mark appears.



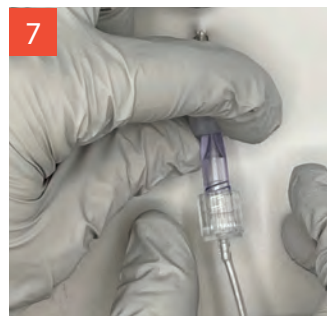
4 Gently pop open the drum.



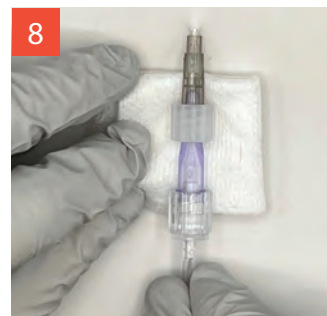
5 Further advance the long catheter manually and luer lock the two hubs together.



6 Remove stiffening stylet from long catheter.



7 Confirm placement by aspiration of blood, then attach a stasis valve or extension set and flush.



8 Place gauze underneath catheter hub to absorb pressure from the hub.

\*Pick & Peel Drape recommended for sterile field, see page 13.

# EZ-IO® Intraosseous Catheter Kit



- Emergency delivery of fluid, medications, and blood products directly into the circulatory system within seconds via intramedullary vasculature
- Stainless steel two-part needle consists of:
  1. Outer cannula with depth marks and forked tip
  2. Solid, non-coring, sharp inner cannula
- No bone splintering as with competitive systems
- Training needles are a non-sterile, economical option; sterilize with cold sterilant or EO gas
- Power driver has a sealed lithium battery



EZPD-3



EZC-S

## Power Driver and Case

DESCRIPTION	ITEM #
Power Driver - G3	EZPD-3
Carrying Case - Soft Sided	EZC-S

## Needles - Sold Separately

DESCRIPTION	GAUGE	LENGTH	ITEM #
Needle	15Ga	1.5cm	EZ1515
Needle	15Ga	2.5cm	EZ1525
Needle	15Ga	4.5cm	EZ1545
Training Needle	15Ga	1.5cm	EZTN15
Training Needle	15Ga	2.5cm	EZTN25
Training Needle	15Ga	4.5cm	EZTN45

Pick & Peel Drape recommended for sterile field, see page 13.

*"We have found the EZ-IO® very useful for patient care in our Emergency and Critical Care Department. It is easy to use, and we train our students, staff, house officers, and faculty on clinical indications."*

Steven L. Marks BVSc, MS, MRCVS, DACVIM  
Clinical Professor of Internal and Emergency Medicine  
North Carolina State University



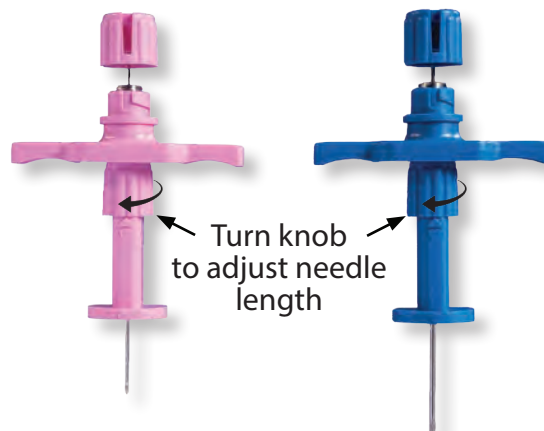
EZ Needles and Extension



# Manual Bone Marrow Needle

- Triple sharpened tip to allow a non-traumatic, fast penetration for IO access
- Adjustable needle for precise insertion depth during placement
- Luer lock connection for syringe or extension set

SIZE	LENGTH	COLOR	ITEM #
18Ga	2cm (0.78in)	Pink	BMAN18
15Ga	3cm (1.25in)	Blue	BMAN15



Turn knob to adjust needle length

BMAN18

BMAN15

## IV Break-Away Device

- Connects between the fluid administration line and the IV catheter extension
- Prevents the catheter extension from being dislodged from excessive pull force
- Supports gravity flow rates of >220mL/min
- No blood loss or mess from broken IV lines
- Easy to reassemble - disinfect both ends and reconnect
- Each end automatically closes when disconnected

**DESCRIPTION**

IV Break-Away Device

**ITEM #**

IVBA



## MILA VuSite™ Transparent Film Dressing with Border

- Breathable transparent barrier to protect catheter insertion site from contamination and reduce risk of infection
- Adhesive specifically designed to provide a strong hold on animal skin, preventing catheter migration
- **Keeps insertion site visible** and can remain in place up to 7 days
- Highly conformable polyurethane film with a nonwoven border for increased flexibility and integrity
- 7cm x 7cm Dressing with 4cm x 3.5cm window



Photo courtesy of Carolyn Tai, CVT, VTS (ECC) (SAIM), Tufts University

**DESCRIPTION**

MILA VuSite™ Transparent Film Dressing

**ITEM #**

WD7  
Box of 20



## MILA Guardian™

Protective Foam Disc with Chlorhexidine Gluconate (CHG)

**CLINICALLY PROVEN TO REDUCE THE RISK OF CATHETER-RELATED INFECTIONS**

- Chlorhexidine dressing for 360° of skin antisepsis, protecting the entire insertion site of percutaneous devices
- Designed to reduce risk of infection by absorbing exudate and inhibiting or killing bacteria
- 2.54cm (1in) diameter with 7mm center opening and radial slit for easy placement
- Each disc provides **7 DAYS** of protection
- Can be secured in place with the MILA VuSite™ (see above)

**DESCRIPTION**

MILA Guardian™

**ITEM #**

DR7

## Ideal for Drains, Esophagostomy Tubes and Hemodialysis Catheters

Actual size of MILA Guardian™



Photo courtesy of Carolyn Tai, CVT, VTS (ECC) (SAIM), Tufts University

# Saline Flush Prefilled Syringes

3mL saline (5mL syringe) & 10mL saline (10mL syringe) *Available to customers in the U.S. and Canada only*

## NO MORE MANUALLY FILLING YOUR IV FLUSH SYRINGES!

### REDUCE RISK OF NOSOCOMIAL INFECTION

- Terminally sterilized with a sterile fluid path and approved for use in a sterile field
- Studies show virtually 0% contamination rate for pre-filled flush syringes manufactured by companies that utilize terminal sterilization\*
- Reduce medication errors and contamination risks associated with manually filled syringes
- Manually prepared flush syringes have been associated with higher rates of catheter-related bloodstream infections (CRBSI)\*



### REDUCE COST

- Pre-filled flush syringes are less expensive than manually prepared syringes when all factors are included in the cost
- Ready-to-use, pre-filled, and pre-assembled; no additional components to buy
- Reduces catheter flushing time in comparison to manually prepared flush syringes\*
- No more wasted time filling syringes! Improve staff efficiency and workflow by eliminating steps and time involved in the manual preparation of saline syringes

\*Research details available at <https://www.milainternational.com/pre-filled-saline-syringes.html>

DESCRIPTION	ITEM #
Pre-filled syringe, <b>3mL</b> of 0.9% Sodium Chloride Injection USP in a <b>5mL</b> syringe, IV Flush Only	90503 Carton of 720
Pre-filled syringe, <b>3mL</b> of 0.9% Sodium Chloride Injection USP in a <b>5mL</b> syringe, IV Flush Only	<b>NEW!</b> 90503-CS120 Case of 120
Pre-filled syringe, <b>10mL</b> of 0.9% Sodium Chloride Injection USP in a <b>10mL</b> syringe, IV Flush Only	91110 Carton of 180
Pre-filled syringe, <b>10mL</b> of 0.9% Sodium Chloride Injection USP in a <b>10mL</b> syringe, IV Flush Only	<b>NEW!</b> 91110-CS30 Case of 30

Each syringe individually packaged and sterile.

How much does it really cost to manually fill saline flush syringes?  
Click the icon to find out!



10mL Saline in 10mL Syringe

3mL Saline in 5mL Syringe

Item #90503-CS120



**3mL Saline in 5mL Syringe**

Carton contains 6 - 120ct. cases

---

Item #91110-CS30



**10mL Saline in 10mL Syringe**

Carton contains 6 - 30ct. cases

**Extended Use MILACATH®**  
Catheter-over-Needle Introduction Style

**Indwell Time  
Up to 30 days**



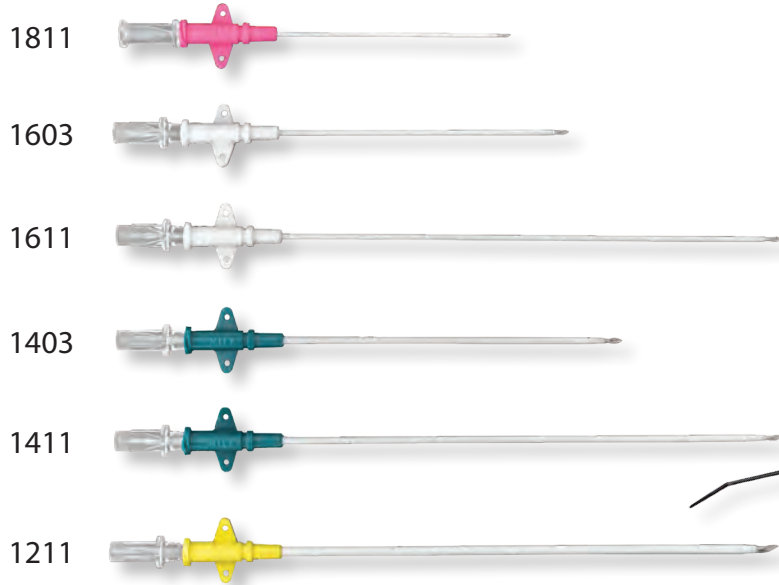
- Kink and break-resistant polyurethane catheter-over-needle
- Radiopaque
- Can be left indwelling up to 30 days
- Integrated suture wing with suture groove



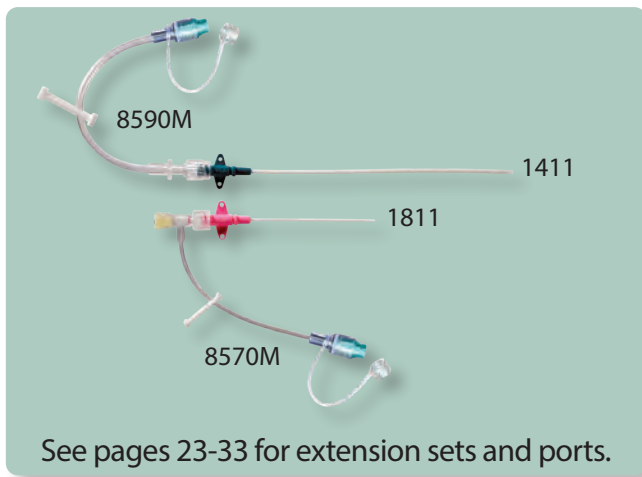
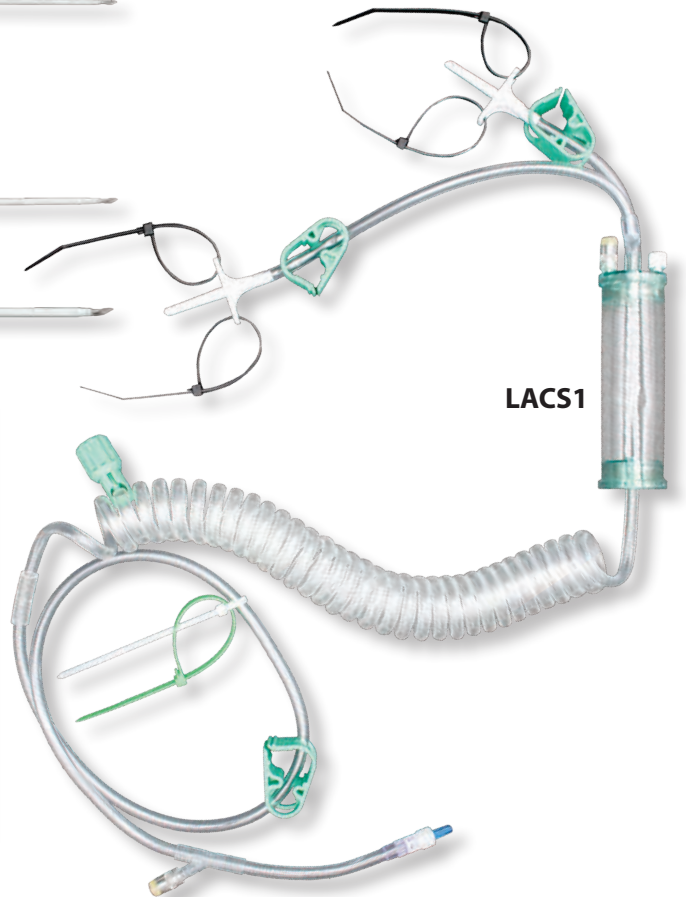
**The RELIABLE CHOICE in  
catheters for over 30 years!**

SIZE	LENGTH	ITEM #
18Ga	6.25cm (2.5in)	1811
16Ga	7.5cm (3.0in)	1603
16Ga	13cm (5.25in)	1611
14Ga	9cm (3.5in)	1403
14Ga	13cm (5.25in)	1411
12Ga	13cm (5.25in)	1211

The *original* MILA Catheter: 1411



**Use with  
MILA DuraFlow™  
Large Animal IV Coil Set  
Item #LACS1**  
See page 110 for details



See pages 23-33 for extension sets and ports.

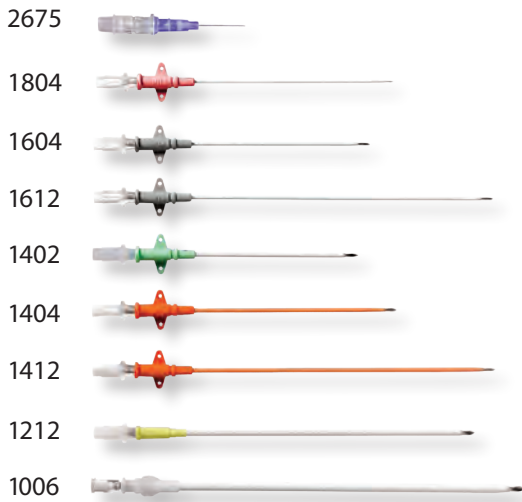
## Short-Term MILACATH®

**Indwell Time Up to 24 hours**

- Teflon catheter-over-needle
- Radiopaque
- 18Ga, 16Ga, and 14Ga have suture wings & suture groove

SIZE	LENGTH	ITEM #
26Ga	20mm (0.75in)	2675
18Ga	9cm (3.5in)	1804
16Ga	7.5cm (3in)	1604
16Ga	13cm (5.25in)	1612
14Ga	7cm (2.75in)	1402
14Ga	9cm (3.5in)	1404
14Ga	13cm (5.25in)	1412
12Ga	13cm (5.25in)	1212
10Ga	15cm (6in)	*1006

\*Polyethylene



## Short-Term Quicky Cath™

**Indwell Time Up to 24 hours**

**Economical**

- Teflon catheter-over-needle
- Radiopaque stripe
- No suture wings
- Transparent catheter body for instant venipuncture confirmation
- Filter vent plug prevents blood loss during insertion and can also be used to temporarily cap the IV catheter prior to securing an extension set

SIZE	LENGTH	QUANTITY	ITEM #
16Ga	8.25cm (3.25in)	Each	QC163
16Ga	8.25cm (3.25in)	Box of 20	QC163-B
16Ga	14cm (5.5in)	Each	QC165
16Ga	14cm (5.5in)	Box of 20	QC165-B
14Ga	8.25cm (3.25in)	Each	QC143
14Ga	8.25cm (3.25in)	Box of 20	QC143-B
14Ga	14cm (5.5in)	Each	QC145
14Ga	14cm (5.5in)	Box of 20	QC145-B



Filter vent plug included on all catheters.



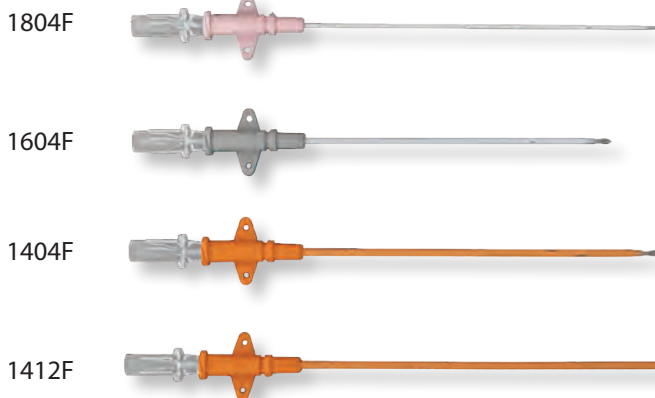
**BUY BY THE BOX AND SAVE \$\$\$!**



## Short-Term Fenestrated Catheters

**Indwell Time Up to 24 hours**

Catheter-over-needle style with smooth transition from needle to catheter, featuring additional fenestrations for improved infusion and aspiration



SIZE	LENGTH	ITEM #
18Ga	9cm (3.5in)	1804F
16Ga	7.5cm (3in)	1604F
14Ga	9cm (3.5in)	1404F
14Ga	13cm (5.25in)	1412F

3 Fenestrations at the distal end



# Peripheral IV Catheters

**Kinder to the patient.  
Save time and money.**

- Smooth transition from needle to catheter reduces burring and wasted sticks
- Superior needle sharpness reduces tissue trauma and pain, making it kinder to the patient
- Transparent catheter body and stylet hub for easily visible flashback to indicate vessel entry
- Radiopaque Teflon-like material
- Short-term, ideal for 24-72 hour use
- Filter vent prevents blood loss during insertion and can also be used to temporarily cap the IV catheter prior to securing an extension set
- Sold individually or in boxes of 50

SIZE	LENGTH	ITEM #
26Ga	20mm (0.75in)	IV2619
24Ga	20mm (0.75in)	IV2419
22Ga	25mm (1.0in)	IV2225
20Ga	25mm (1.0in)	IV2025
20Ga	30mm (1.25in)	IV2032
18Ga	30mm (1.25in)	IV1832
18Ga	48mm (1.88in)	IV1848



IV2619



IV2419



IV2225



IV2025



IV2032

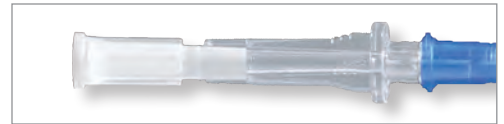


IV1832









IV1848

Filter vent plug included on all catheters.



Also available in boxes of 50.

# Injection Ports

FEATURE	Item #8200*	Item #8098	Item #8095	Item #8080
<p>The stasis valve, item #8200, is RECOMMENDED FOR ALL APPLICATIONS</p>  				
Needle-Free	✓	✓	✓	
Swabable	✓	✓		
Neutral Displacement	✓	✓		
Transparent	✓	✓	✓	
Bi-Directional	✓	✓	✓	
Approved for Saline Flush	✓	✓		
High Flow	✓		✓	
Normally Closed	✓	✓	✓	✓

• **Stasis Valve/Neutral Displacement Injection Port** (Item #8200) is a needle-free connector that prevents blood reflux into the catheter, reducing the risk of occlusion and eliminating the need to clamp the line when not in use. The saline flush option reduces risk, cost, and time associated with heparin use (heparin not required). Allows for higher flow rate than the MicroClave®.

• **MicroClave®** (Item #8098) is a normally closed, needle-free connector. Labeled for saline flush (heparin not required).

• **Normally closed valve** (Item #8095) is a needle-free port and includes a tethered cap (item #8090).

• **Safety Injection Port** (Item # 8080) has a built-in stop to prevent accidental catheter or tubing puncture.

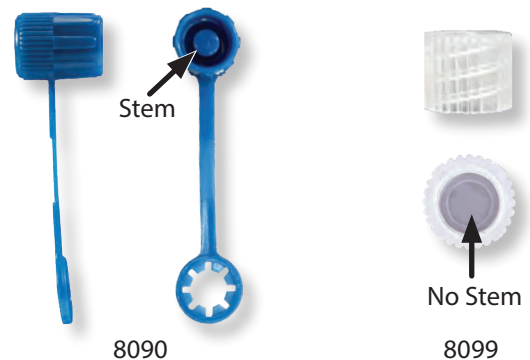
DESCRIPTION	ITEM #
Stasis Valve (Neutral Displacement Injection Port)	8200
MicroClave® Needle-Free Injection Port	8098
Normally Closed Valve (includes 8090)	8095
Safety Injection Port	8080

# Caps

• **Tethered Cap** (item #8090) attaches to the catheter or extension hub to cover the injection port. *Not for use with stasis valves or MicroClaves® because internal stem will keep valves open*

• **Stemless Luer Lock Cap** (item #8099) 10 pack. Keeps injection ports clean without opening the valve, works with all needle-free injection ports, including stasis valves

DESCRIPTION	ITEM #
Tethered Cap	8090
Stemless Luer Lock Cap (10 Pack) - non-sterile	8099



# Needle-Free Connectors

## Stasis Valve (Neutral Displacement Injection Port)

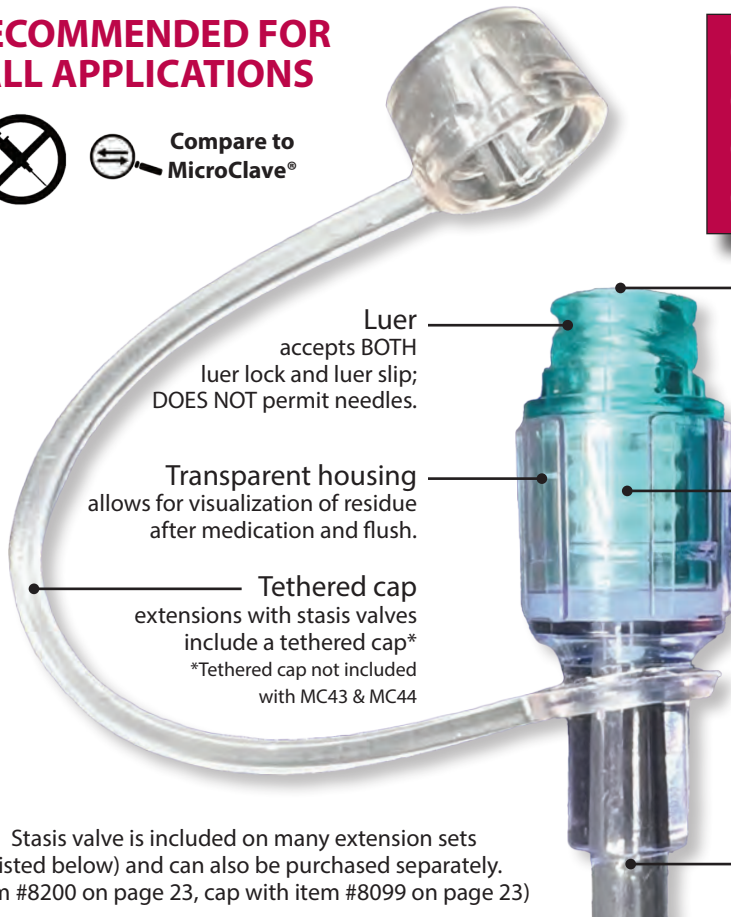
- Helps to maintain catheter patency by preventing blood reflux and associated clotting at the catheter tip when a syringe or line is disconnected
- The valve only opens when connected to a male luer, such as a syringe or fluid line
- Clear, closed, NEEDLE-FREE valve with a SWABABLE top for easy disinfecting
- NO CLAMPING REQUIRED to control valve-induced reflux
- HEPARIN NOT REQUIRED - saline flush option reduces risk, cost, and time associated with heparin use

### RECOMMENDED FOR ALL APPLICATIONS



Compare to MicroClave®

- ✓ Reduce catheter-associated infections
- ✓ Reduce catheter occlusions
- ✓ Reduce dependency on sharps
- ✓ Reduce cost



Stasis valve is included on many extension sets (listed below) and can also be purchased separately. (Item #8200 on page 23, cap with item #8099 on page 23)

### Normally Closed Valve

- Luer activated valve is needle-free and bi-directional for infusion and sampling



Normally Closed Valve can also be purchased separately (Item #8095 on page 23)  
Cap with 8090 or 8099 - see page 23

### MicroClave®

- Clear, closed needle-free port
- Approved for saline flush. Heparin not required



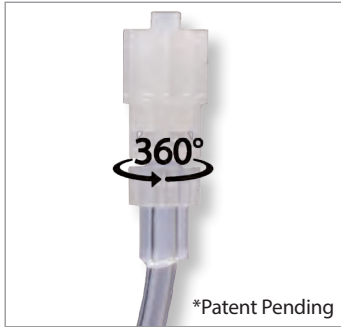
MicroClave® can also be purchased separately. (Item #8098 on page 23)

### Needle-Free Valve

- Featured on the PinchLock™ extension Item #8590V-PL



## Male Connections



### 360° SPINNER Luer Lock\*

- Resists twisting and kinking of the catheter during patient movement
- Prevents catheter disconnects by allowing the extension line to spin freely 360°, avoiding accidental unscrewing
- Allows extension set to attach to catheter in any position while leaving the suture wings flat against the patient



### Rotating Male Luer Lock

- Twisting collar secures the male luer into the female luer without having to turn the entire extension tube, therefore permitting positioning of the tubing section



### PinchLock™ Luer Lock

**NEW!**

- **Secure Locking Mechanism:** Pinch-and-turn release design prevents accidental disconnection, ensuring continuous fluid delivery even with active equine patients.
- **Swivel Connector:** Allows full rotation for comfortable, tangle-free positioning and easy alignment with the catheter hub.
- **High-Flow, Durable Design:** 13Ga large bore with 19cm (7.5in) length, available in two versions—needle-free valve with clamp or normally closed valve—for reliable, high-volume fluid therapy.

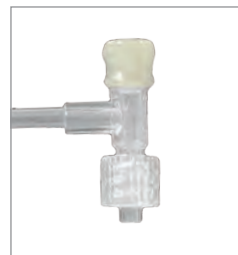
## Needle Injection Ports

### Injection Port with Male Luer Slip



- Rubber septum for use with needles for injection
- Luer slip fits standard female luer

### Injection Port with Male Luer Lock



- Rubber septum for use with needles for injection
- Luer lock has a twisting collar that locks the luer in place

NEW!

# PinchLock™ Luer Lock Extension Sets

EXTENSION SETS

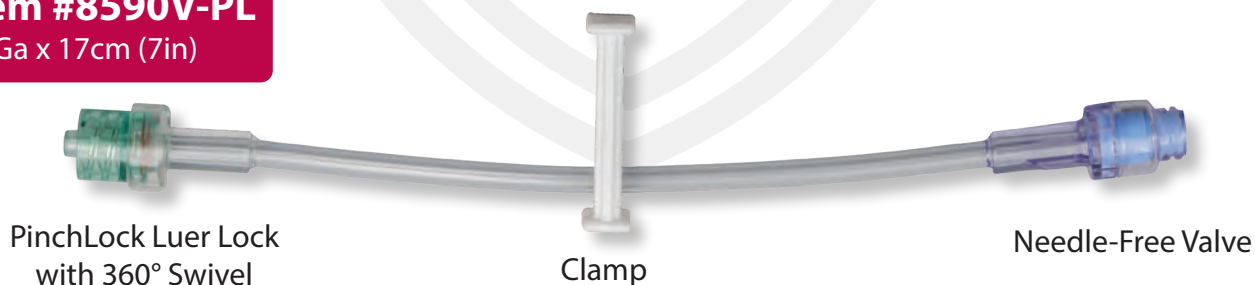
## REDUCE THE RISK OF DISCONNECTIONS!

The PinchLock™ is a revolutionary large bore extension set designed specifically to enhance safety and reliability during equine fluid therapy. With its innovative locking mechanism, the PinchLock™ secures firmly onto the catheter hub—ensuring that once connected, it stays connected. To remove, simply squeeze (“pinch”) the luer while turning counter-clockwise to safely release the lock.

Developed with the realities of equine care in mind, the PinchLock™ helps prevent accidental disconnections that can occur. This prevents potentially fatal complications and gives peace of mind that patients remain protected and IV setups secure.

- **Innovative locking design** that securely locks onto the catheter hub - reduces the risk of accidental disconnections, even during patient movement or rubbing against the stall.
- **Safe removal mechanism** - release the connection by pinching the luer and turning counter-clockwise for intentional disconnection.
- **Enhanced patient safety** - minimizes risk of air entering the line, reducing the danger of air embolism, seizure, or death.
- **Swivel connector** allows the extension set to rotate freely, ensuring optimal positioning on the patient regardless of orientation
- **Large bore diameter** supports rapid and efficient fluid delivery.
- **Ideal for equine use** - designed to withstand the strength and movements of horses, reducing costly line replacements and improving patient safety.
- **TWO OPTIONS AVAILABLE:**

**Item #8590V-PL**  
13Ga x 17cm (7in)



**Item #8590-PL**  
13Ga x 17cm (7in)



NEW!

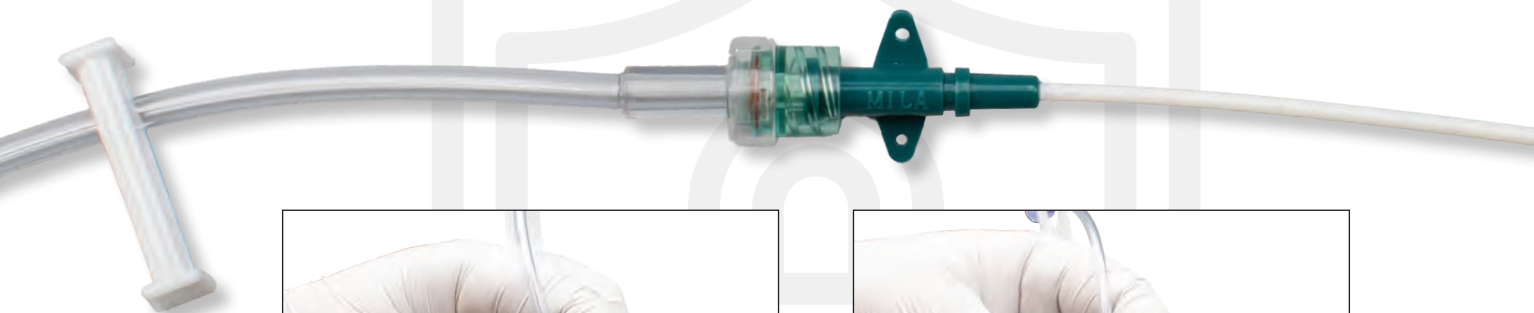
## PinchLock™ Luer Lock Extension Sets

*"I personally like using them for the peace of mind that they will stay attached regardless of the patients' antics or why they're being hospitalized. We recently used one on a recumbent horse; it never disconnected with us moving him around, slinging him up etc. With the swivel you can also seat them nicely on the neck regardless of the positioning of the screw."*

Andrea Whittle, LVT, VTS-EVN. Lexington, Kentucky

EXTENSION SETS

The PinchLock™ hub locks onto the catheter hub once it is securely attached.



To disconnect, pinch the green section of the extension set hub to release the lock, then turn counter-clockwise.



← **360° Swivel connector** allows the extension set to rotate freely, ensuring optimal positioning on the patient regardless of orientation

# Straight Extension Sets

Mini Bore & Small Bore

T Sets on page 30

## Mini Bore - 20 Gauge



8540



8541

Item #	Size	Length	Priming Volume	Features
<b>8540</b>	20Ga	100cm (40in)	0.5mL	Female Luer, Rotating Male Luer Lock
<b>8560*</b>	20Ga	152cm (60in)	0.8mL	Female Luer, Rotating Male Luer Lock
<b>8541</b>	20Ga	15cm (6in)	0.2mL	Female Luer, Clamp, Rotating Male Luer Lock

\*Not pictured.

## Small Bore - 16 Gauge



8585



8585M



8671

Item #	Size	Length	Priming Volume	Features
<b>8585</b> ⊗	16Ga	18cm (7in)	0.3mL	Normally Closed Valve, Rotating Male Luer Lock
<b>8585M</b> ⊗	16Ga	18cm (7in)	0.4mL	Stasis Valve, Tethered Cap, Clamp, 360° SPINNER
<b>8671</b>	16Ga	180cm (71in)	2.4mL	Female Luer, Clamp, and Rotating Male Luer Lock

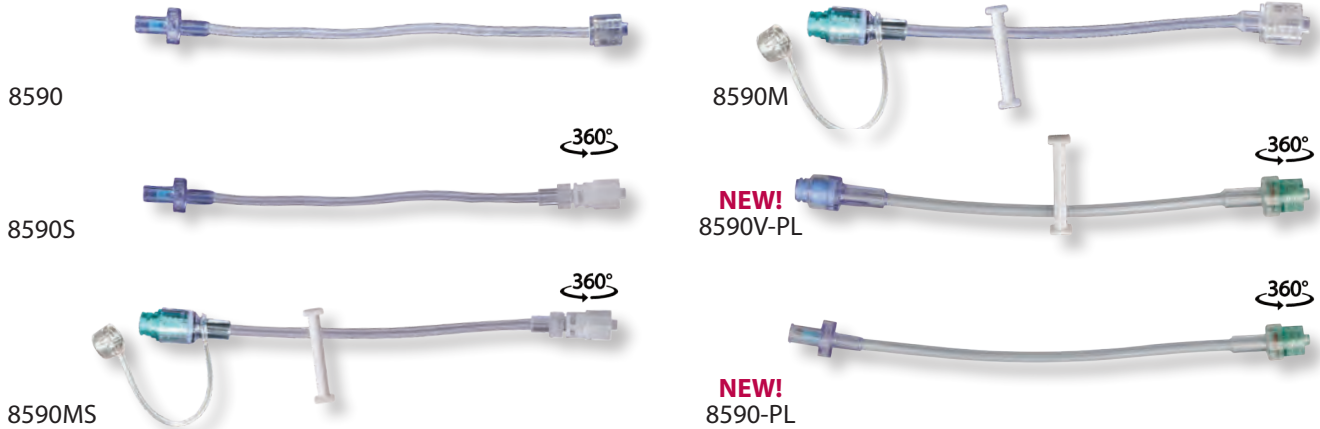
See page 23 for Stemless Luer Lock Cap and Tethered Cap.

# Straight Extension Sets

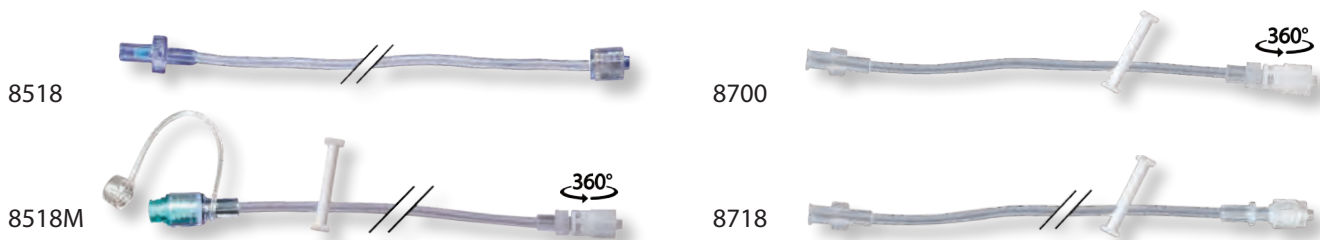
Large Bore

T Sets on page 30

## Large Bore - 13 Gauge



Item #	Size	Length	Priming Volume	Features
8590 ⊗	13Ga	19cm (7.5in)	1.3mL	Normally Closed Valve, Rotating Male Luer Lock
8590S ⊗	13Ga	19cm (7.5in)	1.1mL	Normally Closed Valve, 360° SPINNER
8590MS ⊗	13Ga	18cm (7in)	0.9mL	High Flow Stasis Valve, Tethered Cap, Clamp, 360° SPINNER
8590M ⊗	13Ga	18cm (7in)	1.0mL	High Flow Stasis Valve, Tethered Cap, Clamp, Rotating Male Luer Lock
8590V-PL ⊗	13Ga	17cm (7in)	1.0mL	Needle-Free Valve, PinchLock™ Luer Lock, Clamp
8590-PL ⊗	13Ga	19cm (7.5in)	1.2mL	Normally Closed Valve, PinchLock™ Luer Lock



Item #	Size	Length	Priming Volume	Features
8518 ⊗	13Ga	46cm (18in)	2.5mL	Normally Closed Valve, Rotating Male Luer Lock
8518M ⊗	13Ga	46cm (18in)	2.8mL	High Flow Stasis Valve, Tethered Cap, Clamp, 360° SPINNER
8530M* ⊗	13Ga	76cm (30in)	4.6mL	High Flow Stasis Valve, Tethered Cap, Clamp, 360° SPINNER
8700	13Ga	18cm (7in)	1.0mL	Female Luer, Clamp, 360° SPINNER
8718	13Ga	46cm (18in)	2.3mL	Female Luer, Clamp, Rotating Male Luer Lock
8771*	13Ga	180cm (71in)	11mL	Female Luer, Clamp, Rotating Male Luer Lock

\*Not pictured.

See page 23 for Stemless Luer Lock Cap and Tethered Cap.

NEW!

NEW!

NEW!

# T Extension Sets

Mini Bore & Small Bore

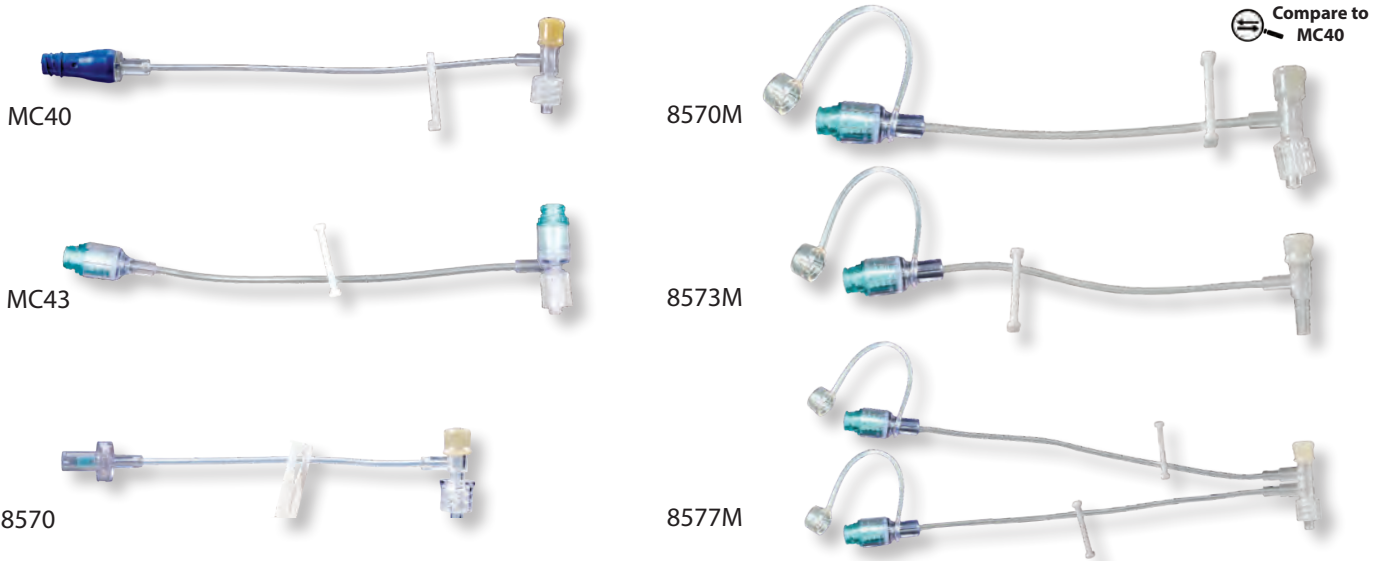
**2, 3 & 4 Port  
Sets on page 32**

## Mini Bore - 20 Gauge



Item #	Size	Length	Priming Volume	Features
<b>8545</b>	20Ga	8cm (3in)	0.2mL per lumen	2 Female Luers, 2 Clamps, Injection Site, Rotating Male Luer Lock

## Small Bore - 16 Gauge



Item #	Size	Length	Priming Volume	Features
<b>MC40</b> ⊗	16Ga	18cm (7in)	0.28mL	MicroClave®, Clamp, Injection Site, Rotating Male Luer Lock
<b>MC43</b> ⊗	16Ga	18cm (7in)	0.2mL	2 Stasis Valves, Clamp, Rotating Male Luer Lock
<b>8570</b>	16Ga	13cm (5in)	0.3mL	Normally Closed Valve, Clamp, Injection Site, Rotating Male Luer Lock
<b>8570M</b> ⊗	16Ga	18cm (7in)	0.4mL	Stasis Valve, Tethered Cap, Clamp, Injection Site, Rotating Male Luer Lock
<b>8573M</b> ⊗	16Ga	18cm (7in)	0.4mL	Stasis Valve, Tethered Cap, Clamp, Injection Site, Luer Slip
<b>8577M</b> ⊗	16Ga	20cm (8in)	0.4mL per lumen	2 Stasis Valves, 2 Tethered Caps, 2 Clamps, Injection Site, Rotating Male Luer Lock

See page 23 for Stemless Luer Lock Cap and Tethered Cap.

# T Extension Sets

Large Bore

2, 3 & 4 Port  
Sets on page 32

## Large Bore - 12 Gauge

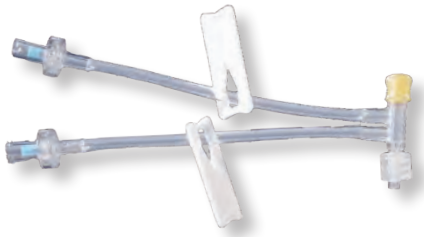
8572



8572M



8575



8575M



Item #	Size	Length	Priming Volume	Features
<b>8572</b>	12Ga	13cm (5in)	0.9mL	Normally Closed Valve, Clamp, Injection Site, Rotating Male Luer Lock
<b>8572M</b> ⊗	12Ga	13cm (5in)	0.9mL	High Flow Stasis Valve, Tethered Cap, Clamp, Injection Site, Rotating Male Luer Lock
<b>8575</b>	12Ga	13cm (5in)	0.9mL per lumen	2 Normally Closed Valves, 2 Clamps, Injection Site, Rotating Male Luer Lock
<b>8575M</b> ⊗	12Ga	13cm (5in)	0.9mL per lumen	2 High Flow Stasis Valves, 2 Tethered Caps, 2 Clamps, Injection Site, Rotating Male Luer Lock

See page 23 for Stemless Luer Lock Cap and Tethered Cap.



## 2, 3, and 4 Port Extension Sets

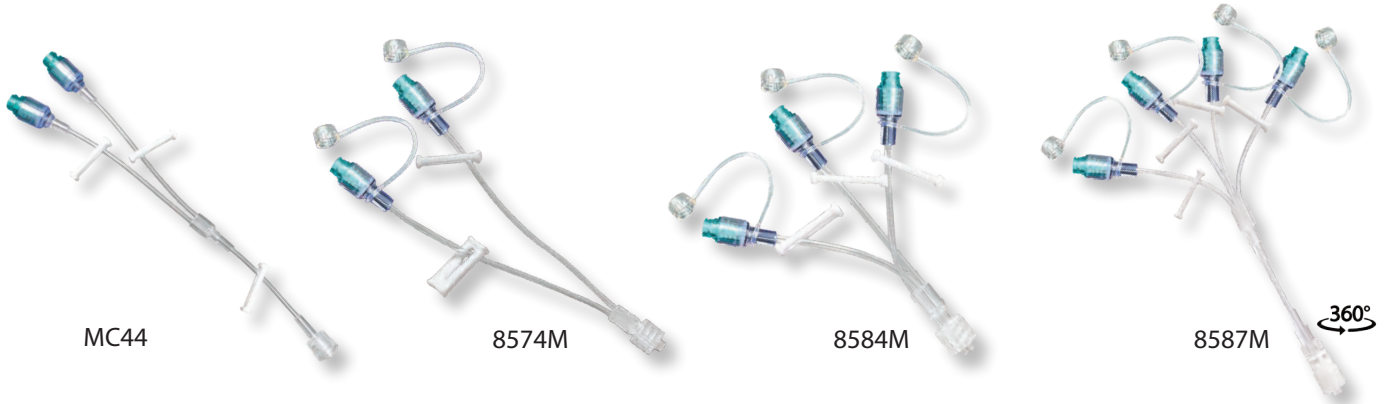
Mini Bore, Small Bore & Large Bore

### Mini Bore - 20 Gauge



Item #	Size	Length	Priming Volume	Features
<b>8544</b>	20Ga	15cm (6in)	0.2mL per lumen	2 Female Luers, 2 Clamps, Male Luer Lock

### Small Bore - 16 Gauge



Item #	Size	Length	Priming Volume	Features
<b>MC44</b> ⊗	16Ga	18cm (7in)	0.2mL per lumen	2 Stasis Valves, 3 Clamps, Rotating Male Luer Lock
<b>8574M</b> ⊗	16Ga	13cm (5in)	0.2mL per lumen	2 Stasis Valves, 2 Tethered Caps, 2 Clamps, Rotating Male Luer Lock
<b>8584M</b> ⊗	16Ga	10cm (4in)	0.18mL per lumen	3 Stasis Valves, 3 Tethered Caps, 3 Clamps, Rotating Male Luer Lock
<b>8587M</b> ⊗	16Ga	15cm (6in)	0.25mL per lumen	4 Stasis Valves, 4 Tethered Caps, 4 Clamps, 360° SPINNER

### Large Bore - 12 Gauge



Item #	Size	Length	Priming Volume	Features
<b>8550M</b> ⊗	12Ga	15cm (6in)	0.9mL per lumen	2 High Flow Stasis Valves, 2 Tethered Caps, 2 Clamps, 360° SPINNER

See page 23 for Stemless Luer Lock Cap and Tethered Cap.

# Special Use Extension Sets

## Pressure Monitoring Extension Set

Small Bore Pressure Monitoring Extension Straight Set with Female Luer and Rotating Male Luer Lock

SIZE	LENGTH	PRIMING VOLUME	ITEM #
16Ga	180cm (72in)	3.3mL	8515

**Blood Pressure Monitoring**



8515

## Extension Set with Three-Way Stopcock

Large Bore Straight Extension Set with Three-way Stopcock and Rotating Male Luer Lock

SIZE	LENGTH	PRIMING VOLUME	ITEM #
13Ga	20cm (7.9in)	1.8mL	2408

**Three-Way Stopcock**



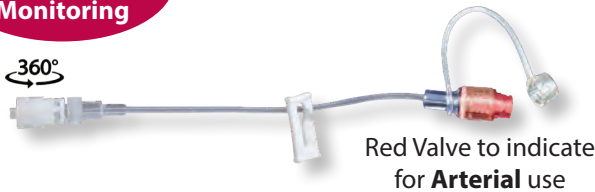
2408

## Arterial Extension Set **NEW!**

Small bore tubing, needle-free valve with tethered cap, Clamp, 360° SPINNER

SIZE	LENGTH	PRIMING VOLUME	ITEM #
16Ga	18cm (7in)	0.4mL	⊗ 8585M-A

**Arterial Blood Pressure Monitoring**



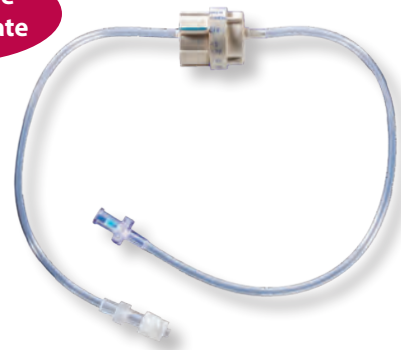
Red Valve to indicate for **Arterial** use

## Extension Set with Fluid Control Dial

Easily adjust infusion rate from 10mL/hour up to 350mL/hour when used with a gravity system; when used with a pressurized system, flow is four times faster

LENGTH	PRIMING VOLUME	ITEM #
46cm (18in)	3.0mL	175480

**Adjustable Infusion Rate**



175480

## UV-Blocking Extension Sets

Mini Bore UV-Blocking Extension Set with Female Luer, Clamp, Rotating Male Luer Lock

SIZE	LENGTH	PRIMING VOLUME	ITEM #
23Ga	25cm (10in)	0.02mL	UVB10
23Ga	152cm (60in)	0.65mL	UVB60

**Light Sensitive Medications**



UVB60



Item #UVB-B Bag Cover

DESCRIPTION	ITEM #
1000mL UV-Blocking Medication Bag Covers (10 pack)	UVB-B

## Feeding Tube Extension Set

Large Bore Feeding Tube Extension Set with Rotating Male Luer Lock, Clamp, and Female Luer; Color coded purple for feeding

SIZE	LENGTH	PRIMING VOLUME	ITEM #
13Ga	152cm (60in)	9.4mL	FTE60

**Enteral Feeding**



FTE60

# Dispensing Pins



BEST PRACTICE - Integrated air filter preserves the integrity and sterility of the medication in the vial  
 SAVE TIME and MONEY - Puncture vial only once for multiple withdrawals or injections  
 NEEDLE-FREE, SWABABLE - protect the port with Stemless Luer Lock Cap (item #8099, page 35) between uses

## Locking Vial Spike with MicroClave™ and Vent

- Compatible with any luer syringe
- Great for large bottles, like hypertonic saline. Eliminates pulling against a vacuum because aspirated fluid is replaced in the vial by filtered air

**DESCRIPTION** Clamping Vial Spike with Needle-Free Valve and Filtered Inlet Vent  
**ITEM #** PIN1



PIN1

20mm and 28mm Vials



Courtesy of Ashley Mackin, LVT; Michelle Graziano, Rhinebeck Equine

## Vial Spike with MicroClave™

- Compatible with all luer syringes and vial sizes

**DESCRIPTION** Vial Spike with Needle-Free Valve  
**ITEM #** PIN2



PIN2

All Vials



Courtesy of Laura Scholes, LVT; Michelle Graziano, Rhinebeck Equine

## Fluid Bag Access with MicroClave™

- Compatible with any luer syringe

**DESCRIPTION** IV Bag Access with Needle-Free Valve  
**ITEM #** PIN3



PIN3

Fluid Bags

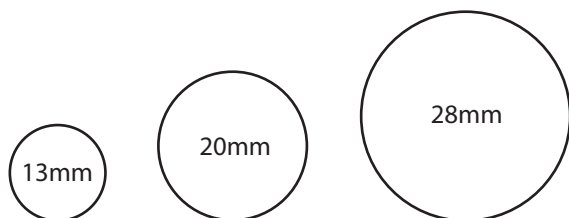


## Vial Adapters

ALL NEEDLE-FREE  
and SWABABLE

- 99.99% protection against aerosols and vapors
- Low residual volume (0.10mL)
- Multi-use with drip-free connector
- NEEDLE-FREE, SWABABLE - protect the port with Stemless Luer Lock Cap (item #8099 below) between uses
- Compatible with any luer syringe
- Locks onto the vial
- Vented with dual pathway, non-coring plastic spike and pressure equalized with 0.2 micron one-way filter

VIAL SIZE	PRIMING VOLUME	ITEM #
13mm	0.10mL	PIN13
20mm	0.10mL	PIN20
28mm	0.10mL	PIN28



Use circles above to determine which size vial adapter is needed.



## Vial Adapters for ONCOLOGY

Additional oncology products on pages 96-99.

- Functions as a pressure equalization device, utilizing a sealed expansion chamber that establishes and maintains neutral pressure when air or diluent is injected into or aspirated from the vial
- Connects to 13mm and 20mm vials; permanently locks onto the vial to prevent disconnection and reduce risk of exposure
- Compatible with any luer syringe - no need to prime syringe with non-filtered air
- Drip-free connection
- NEEDLE-FREE, Swabable

VIAL SIZE	PRIMING VOLUME	ITEM #
13mm	0.11mL	12-009
20mm	0.11mL	12-010



## Stemless Caps

- **Stemless Luer Lock Cap** (item #8099) 10 pack, keeps vial adapters clean without opening the valve; works with all vial adapters.

DESCRIPTION	ITEM #
Stemless Luer Lock Cap (10 pack) - non-sterile	8099



## Semi-Automatic Soft Tissue Biopsy Needle

- Spring-activated, single-hand operation for soft tissue core biopsy collection
- Echogenic tip for precise placement under ultrasound guidance
- Centimeter markings facilitate precise depth placement
- Specimen depth notch is *adjustable* to 15mm or 22mm
- Can be safely positioned in the lesion before the spring-loaded cutting cannula is deployed
- Precision cutting helps preserve cellular architecture for more accurate diagnosis



SIZE	LENGTH	ITEM #
16Ga	8cm (3.1in)	BN1608
16Ga	15cm (5.9in)	BN1615
14Ga	8cm (3.1in)	BN1408
14Ga	15cm (5.9in)	BN1415



## Aspiration Needle System for FLUID

Designed to provide **INTRAOSSUEOUS ACCESS** and obtain quality **FLUID ASPIRATES**.

- Triple sharpened tip to allow a non-traumatic, fast penetration into the intramedullary cavity
- Adjustable guard to help control depth during needle insertion
- Luer lock connection for syringe

SIZE	LENGTH	COLOR	ITEM #
18Ga	2cm (0.78in)	Pink	BMAN18
15Ga	3cm (1.25in)	Blue	BMAN15

### Length Adjustable



BMAN18



BMAN15

## Bone Marrow Biopsy System for SOLIDS



Designed to provide quality biopsies by capturing and retaining the bone marrow in the needle

**WITHOUT ALTERING THE SAMPLE.**

- System includes Jamshidi style biopsy needle, obturator pushing rod, probe guide, and luer lock cap
- Ergonomic handle and sharp needle point allows for easy penetration into the intramedullary cavity
- Marked obturator rod indicates length of specimen prior to extraction and can be used to expel specimen from the extraction cannula
- Luer lock connection for syringe

SIZE	LENGTH	ITEM #
13Ga	10cm (4in)	BMAN13
11Ga	10cm (4in)	BMAN11
8Ga	10cm (4in)	BMAN8

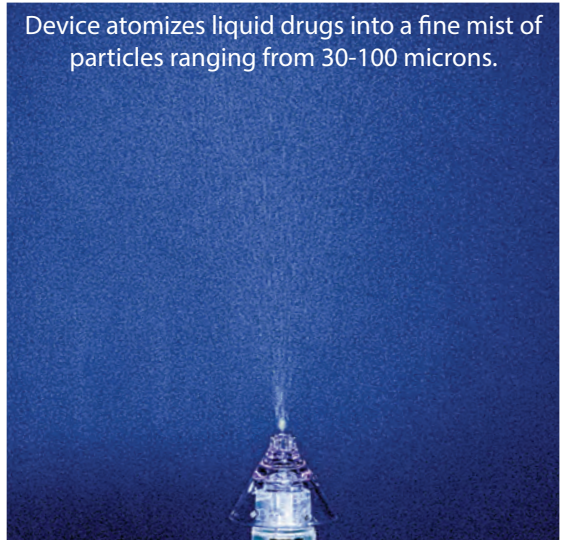




## Ideal for delivering midazolam intranasally to treat seizures

- Designed to be a safe and painless way to deliver medication via the naris
- Device atomizes liquid drugs into a fine mist of particles ranging from 30-100 microns
- Conical profile is designed to seal within the patient's naris

DESCRIPTION		ITEM #
VetJet™ Nasal Sprayer, 3mL syringe and amber bag	HOSPITAL USE	5400
VetJet™ Nasal Sprayer, 3mL syringe, amber bag and 20 mm vial adapter	HOME USE	5400K



### Hospital Kit (Item #5400)

Kit Includes:

1. VetJet™ Nasal Sprayer
2. 3mL Syringe
3. 4in x 7in Amber Bag



### Home Kit (Item #5400K)

Kit Includes:

1. VetJet™ Nasal Sprayer
2. 3mL Syringe
3. PIN20 Dispensing Pin
4. 4in x 7in Amber Bag

Now includes an amber bag for storage of light sensitive medications.

Dispensing pin attached to medication vial.  
\*Vial not included.

0.2 Micron FILTER for incoming air to replace aspirated medication.



# Tomcat / Small Animal Urinary Catheter Length Adjustable



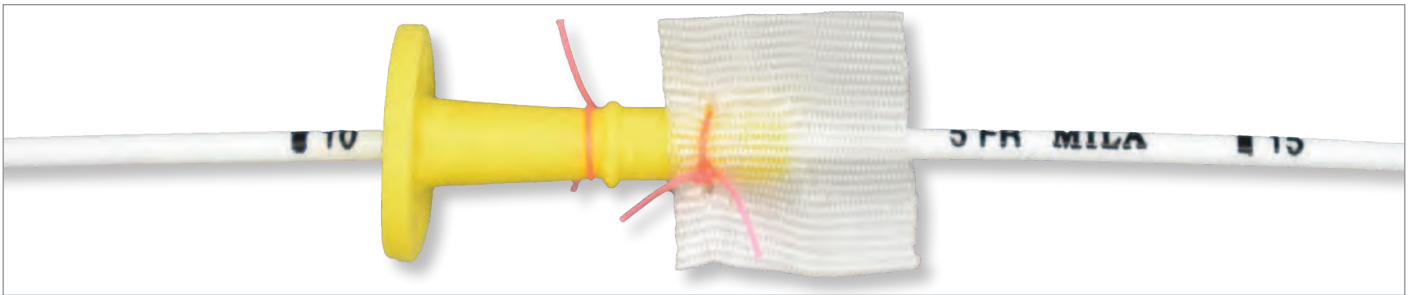
## UNBLOCK and DRAIN with ONE catheter.

- Same catheter is used to unblock and leave indwelling to drain the bladder - this single device technique is designed to reduce the risk of infection and trauma associated with a two-catheter technique
- FLUSHING STYLET (optional) enables irrigation and retropulsion through the catheter during insertion
- Suture device can be moved to adjust indwelling depth
- Non-irritating radiopaque polyurethane material is rigid for easy insertion and softens with body temperature
- Smooth, finished open-tip
- Luer lock for secure attachment to a CLOSED COLLECTION SYSTEM (see page 46)
- The 25cm catheter length is the best choice to reduce catheter pull-outs and kinking - the additional length of tubing minimizing catheter tension at the prepuce when the cat moves which eliminates the need for a separate extension set.
- Improvement to the standard Tomcat, Jackson, and Slippery Sam™ urinary catheters from other manufacturers

CATHETER SIZE	LENGTH	FLUSHING STYLET	ITEM #
3.5Fr	15cm (6in)		UC306
3.5Fr	15cm (6in)	✓	UC306S
3.5Fr	25cm (10in)		UC310
3.5Fr	25cm (10in)	✓	<b>MOST VERSATILE SIZE</b> UC310S
5Fr	15cm (6in)		UC506
5Fr	15cm (6in)	✓	UC506S
5Fr	25cm (10in)		UC510
5Fr	25cm (10in)	✓	UC510S

See page 46 for URINE COLLECTION options. See page 40 for 4Fr FOLEY CATHETER.

**User tip:** For additional securement, use tape to bridge across the catheter and suture device before suturing in place.



MILA Associate Pet  
Bubba



MILA Associate Pet  
Teddy

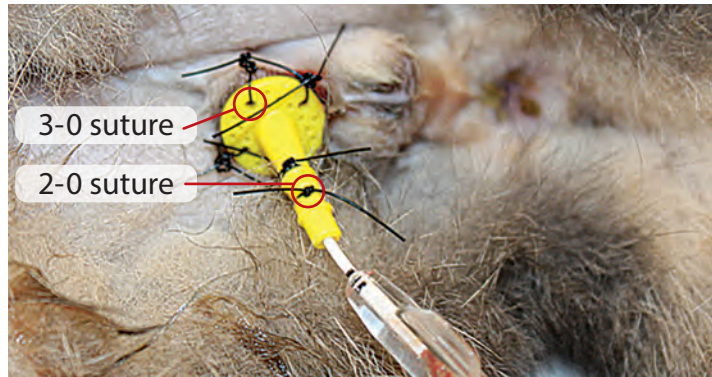
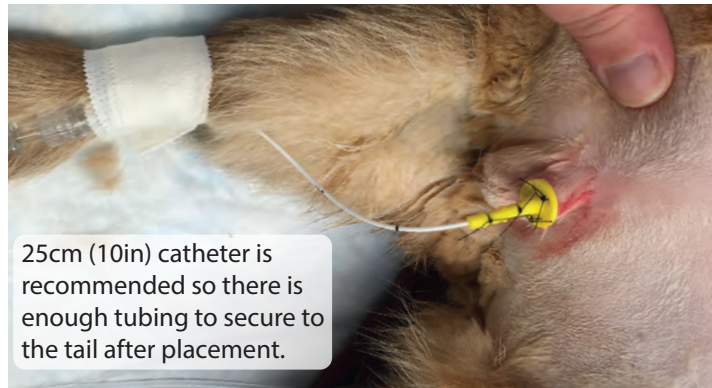
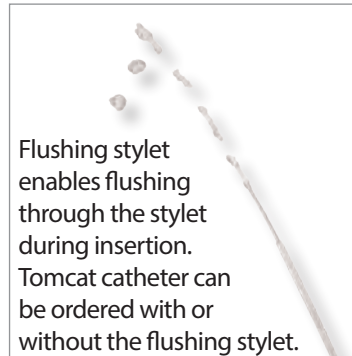
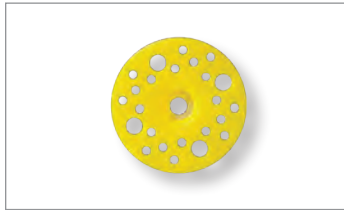
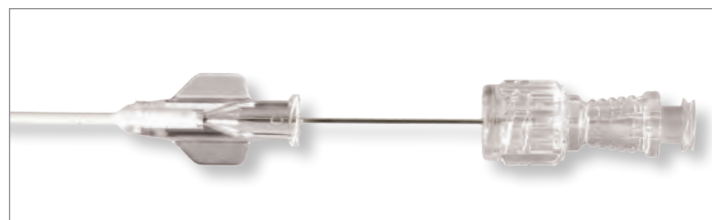
# Tomcat / Small Animal Urinary Catheter

## Length Adjustable

UC306S UC310S UC506S UC510S



Suture device (circled above) can be moved to adjust the indwelling depth of the catheter.



# Foley Urinary Catheters with Wire Stylet in a Procedure Kit

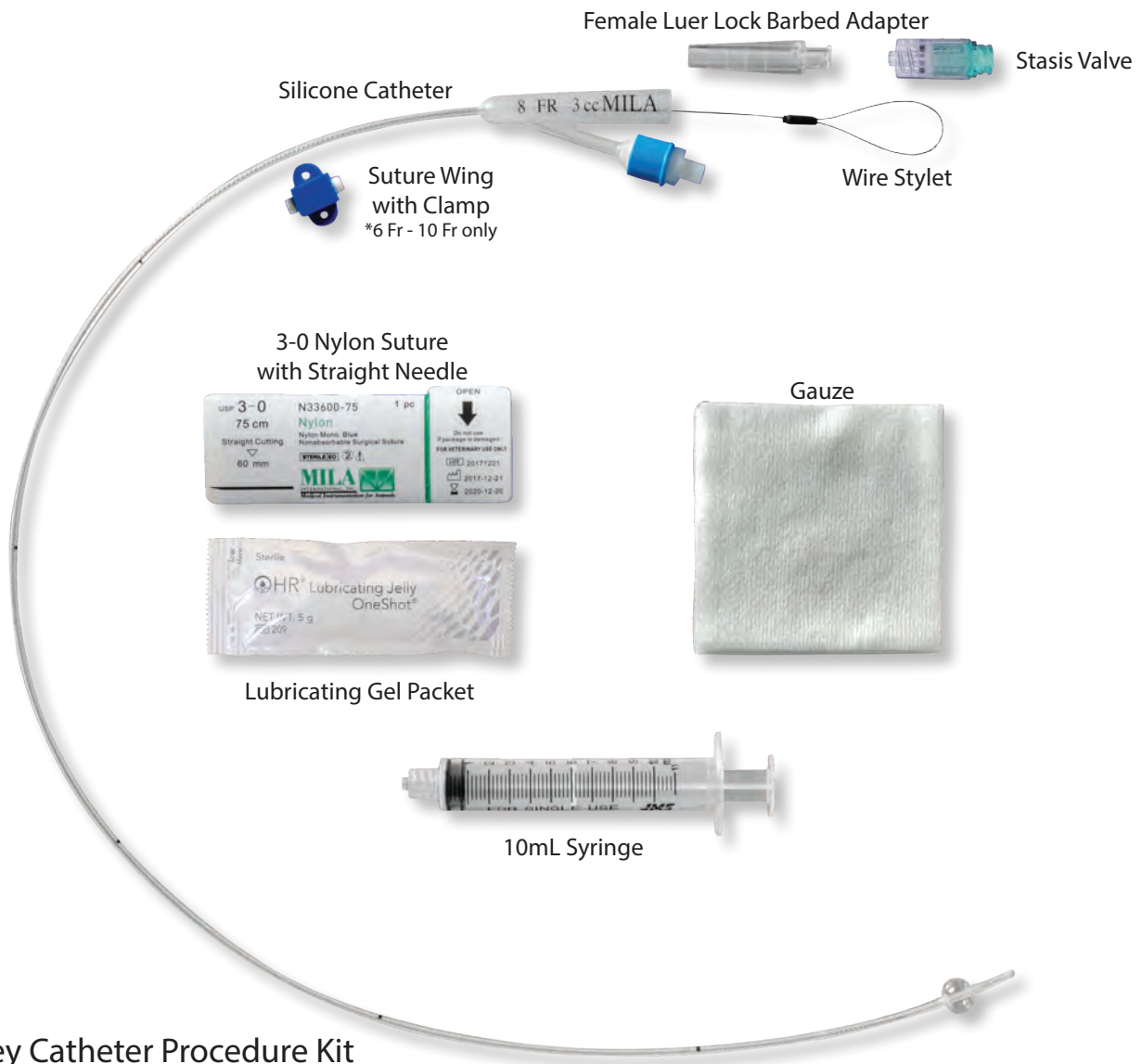


## Everything needed to place and secure the catheter.

• Kit includes:

	SIZE	LENGTH	BALLOON SIZE	ITEM #
1. Silicone Foley catheter with radiopaque stripe	4Fr	30cm (12in)	1mL	UC412
2. Wire stylet	5Fr	30cm (12in)	1mL	UC512
3. Suture wing (6Fr - 10Fr only)	5Fr	55cm (21in)	1mL	UC521
4. 3-0 Nylon suture on a straight needle	6Fr	30cm (12in)	1.5mL	UC612
5. Female luer lock barbed adapter	6Fr	60cm (24in)	1.5mL	UC624
6. Suture wing	6Fr	90cm (36in)	1.5mL	UC636
7. Suture wing	8Fr	30cm (12in)	3mL	UC812
8. Suture wing	8Fr	60cm (24in)	3mL	UC824
9. Suture wing	8Fr	90cm (36in)	3mL	UC836
10. Gauze	10Fr	30cm (12in)	5mL	UC1012
11. Gauze	10Fr	45cm (18in)	5mL	UC1018
12. Gauze	10Fr	90cm (36in)	5mL	UC1036

- The stylet provides rigidity for easier placement
- Water-activated treatment within the lumen facilitates wire removal
- Retention balloon keeps catheter in the bladder



Foley Catheter Procedure Kit

# Percutaneous Antegrade Urinary Catheterization Procedure Kit (PAUC)



- Ideal for female cats and dogs <10 kg
- Useful for fluoroscopy-guided catheterization in patients with urethral obstruction, distal urethral stricture, urethral tear or pelvic trauma
- Hydrophilic nitinol guidewire has a steerable tip that is directed into the urethra in a cranial-to-caudal direction
- Kit components:
  1. Fenestrated drape
  2. Catheter-over-needle introducer
  3. Nitinol guidewire
  4. OPEN-TIP Foley catheter with radiopaque stripe
  5. Sterile water-based lubricant
  6. 3-0 Nylon suture
  7. Suture wing with securement clamp (6Fr only)
  8. Female luer lock barbed adapter
  9. Stasis valve
  10. Gauze
  11. Syringe

## All-in-one procedure kit for female urinary catheterization with a percutaneously inserted guidewire



Guidewire is inserted percutaneously into the bladder via catheter-over-needle introducer. The guidewire exits the urethra then the catheter is fed onto the wire and pulled into the bladder.

SIZE	LENGTH	BALLOON SIZE	GUIDEWIRE SIZE	INTRODUCER	ITEM #
4Fr	30cm (12in)	1mL	0.025" x 50cm	20Ga	PAUC4
5Fr	30cm (12in)	1mL	0.035" x 80cm	18Ga	PAUC5
6Fr	35cm (14in)	1.5mL	0.035" x 80cm	18Ga	PAUC6

# Foley Urinary Catheters with Wire Stylet

- Includes:
  1. Silicone Foley catheter with radiopaque stripe
  2. Wire stylet
  3. Suture wing
  4. Female luer lock barbed adapter
  5. Stasis valve
- The stylet provides rigidity for easier placement
- Retention balloon keeps catheter in the bladder

SIZE	LENGTH	BALLOON SIZE	ITEM #
12Fr	30cm (12in)	10mL	UC1212
12Fr	55cm (21in)	10mL	UC1221
14Fr	23cm (9in)	10mL	UC1409
14Fr	55cm (21in)	10mL	UC1421
16Fr	55cm (21in)	20mL	UC1621
16Fr	63.5cm (25in)	20mL	UC1625
18Fr	55cm (21in)	20mL	UC1821
20Fr	55cm (21in)	30mL	UC2021
22Fr	55cm (21in)	30mL	UC2221
24Fr	42cm (16in)	30mL	UC2416
24Fr	150cm (59in)	30mL	UC2459

Ideal for Mares  
Ideal for Stallions

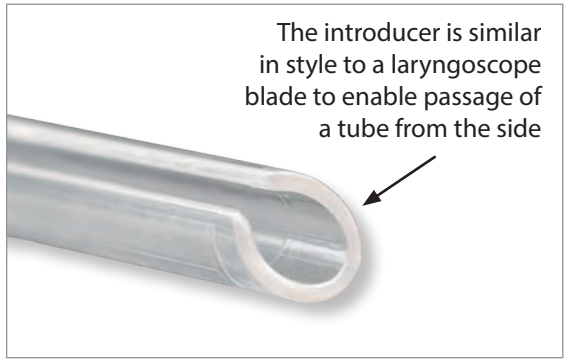


Wire Stylet

# MILA U-Light™ Urinary Access System



- A reusable light guided system for quick and easy urinary catheter placement in female dogs
- Ready-to-use, no charging or additional equipment necessary. Battery life provides over 36 hours of continuous use
- Three introducers sized for small to large dogs
- The introducer's bevel geometry allows for vaginal diversion and expression of urethral orifice
- Sterilize with Ethylene Oxide EO or cold sterilization, **DO NOT AUTOCLAVE**
- Includes durable carrying case for easy transport and storage



**DESCRIPTION**

MILA U-Light™ Urinary Access System with soft carrying case  
Replacement Introducers - One of each introducer small, medium & large

**ITEM #**

UAS  
UAS-INT



Fits 10-12Fr Catheters



Fits 8-10Fr Catheters



Fits 4-8Fr Catheters



# MILA U-Light™ Urinary Access System



Perfectly Visualize the Papilla



Photos courtesy of Anita Parkin, RVN, AVN, Dip (surgery & ECC), VTS (Anesthesia & Analgesia), CVPP, TAE

# MILA Retropulsion™ Urinary Catheters (RUC) for Male Canines



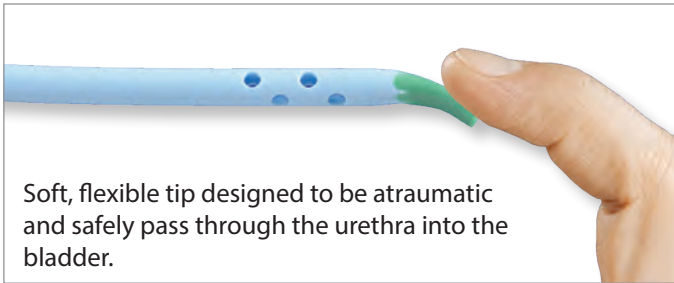
The Retropulsion™ Catheter is a short-term urinary drainage catheter for unblocking the urethra and drainage of the bladder in male dogs. The catheter allows for efficient retrograde hydropulsion of lodged urethral calculi into the bladder.

- Firm, radiopaque, polyurethane catheter with a tapered, soft, flexible tip designed to be atraumatic and safely pass through the urethra into the bladder
- Multiple side-holes and open tip for maximum velocity saline vortex during retrograde hydropulsion
- Blue color catheter improves visualization of the urethra during urethrostomy
- Centimeter markings for precise depth placement
- Luer lock hub for easy connection to drainage bag or syringe

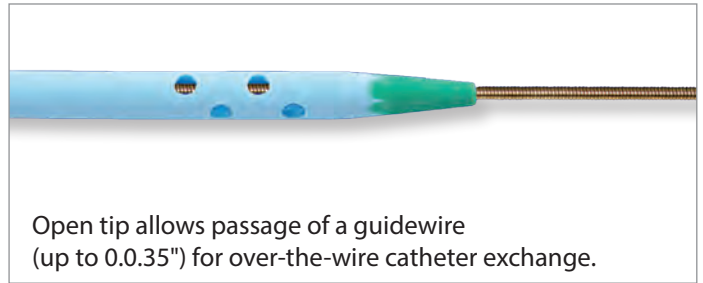


Female Luer Lock Hub

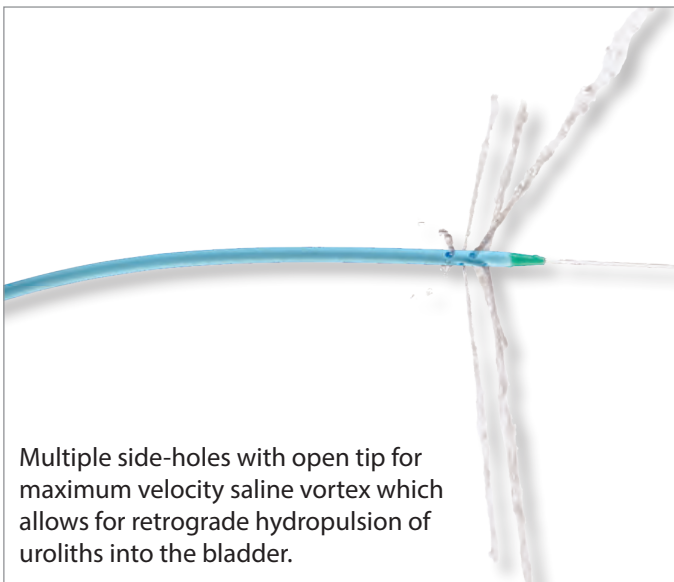
SIZE	LENGTH	ITEM #
6Fr	55cm (22in)	RUC655
8Fr	55cm (22in)	RUC855
10Fr	55cm (22in)	RUC1055



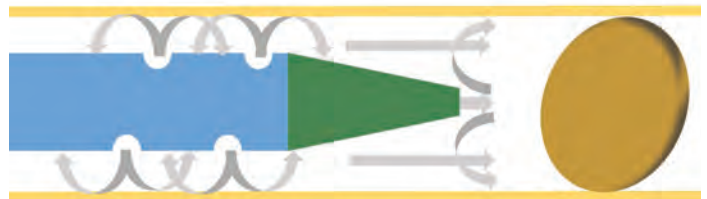
Soft, flexible tip designed to be atraumatic and safely pass through the urethra into the bladder.



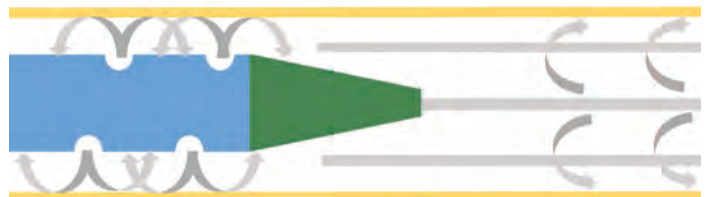
Open tip allows passage of a guidewire (up to 0.035") for over-the-wire catheter exchange.



Multiple side-holes with open tip for maximum velocity saline vortex which allows for retrograde hydropulsion of uroliths into the bladder.



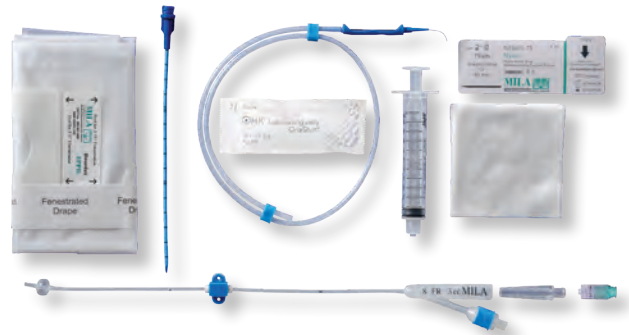
Saline vortex dislodges urethral stones.



# Foley Catheter Procedure Kits for Female Canines

## Guidewire/Seldinger Insertion

- Guidewire inserted Foley catheter for female dogs
- 70cm stainless steel guidewire with J-tip
- Open-tip Foley catheter with retention balloon and radiopaque stripe
- Water-activated lubricant facilitates wire removal
- Introducer with depth markings and flexible tip
- Radiopaque silicone material
- Kit includes:
  1. Fenestrated drape
  2. Guidewire
  3. Dilator
  4. Lubricant
  5. Foley catheter
  6. Suture pack
  7. Suture wing
  8. Female luer lock barbed adapter
  9. Stasis valve
  10. Gauze
  11. Syringe



SIZE	LENGTH	BALLOON SIZE	ITEM #
6Fr	35cm (14in)	1.5mL	UCG610
8Fr	35cm (14in)	3.0mL	UCG810

*"I strongly believe this improvement will help enormously with a much easier and safer placement of a urinary Foley catheter in female dogs. And most importantly, it will offer better control of hygiene during catheter placement."*

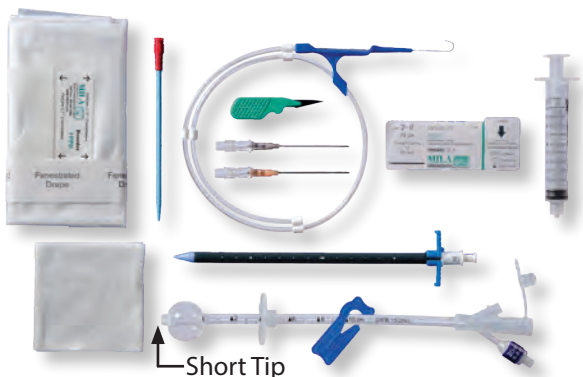
Developed in cooperation with Joris Robben, Associate Professor in Emergency and Intensive Care Medicine at the Small Animal ICU of the Faculty of Veterinary Medicine of Utrecht University

## PERCUTANEOUS Balloon Catheter Kit for Cystostomy Ideal for GOATS

- Introduction uses Seldinger technique and peel-away dilator sheath
- Open-ended silicone catheter with centimeter markings, Y-port, fixation ring and radiopaque stripe
- Short catheter tip reduces the risk of mucosal irritation
- Large funnel Y-port with tethered caps
- Adjustable fixation ring prevents catheter migration
- Kit includes:

1. Fenestrated drape
2. Scalpel
3. Catheter-over-needle introducers
4. Guidewire
5. 12Fr dilator
6. 24Fr dilator with peel-away introducer sheath
7. Catheter with fixation ring and clamp
8. Gauze
9. Suture pack
10. Syringe

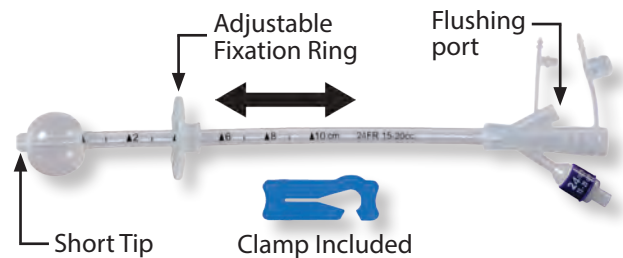
SIZE	LENGTH	BALLOON SIZE	ITEM #
20Fr	25cm (10in)	15-20mL	PBC20



## SURGICAL Balloon Catheter for Cystostomy

- Open-ended silicone catheter with 20mL retention balloon, depth markings, and radiopaque stripe
- Short catheter tip reduces the risk of mucosal irritation
- Large funnel Y-port with tethered caps
- Adjustable fixation ring prevents catheter migration
- Clamp included
- Additional lumen for irrigation

SIZE	LENGTH	BALLOON SIZE	ITEM #
20Fr	25cm (10in)	15-20mL	CYGA20
24Fr	25cm (10in)	15-20mL	CYGA24
28Fr	25cm (10in)	15-20mL	CYGA28



# Closed Urine Collection System 600mL, 1000mL, and 2000mL KITS

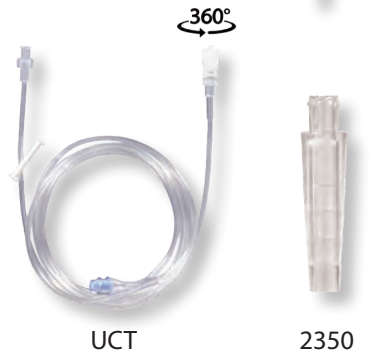


## MINIMIZE CATHETER ASSOCIATED URINARY TRACT INFECTIONS (CAUTI)

- **600mL and 1000mL closed urine collection KITS include:**
  1. STERILE collection bag with anti-reflux valve, and twist-to-open drain
  2. Lightweight collection line with SPINNER luer lock
  3. Injection/sampling port - 14Ga x 180cm (72in)
  4. Barbed adapter with female luer
- **2000mL closed urine collection KITS include:**
  1. STERILE collection bag with anti-reflux valve, and push/pull drain
  2. Collection line with injection/sampling port and integrated barbed adapter

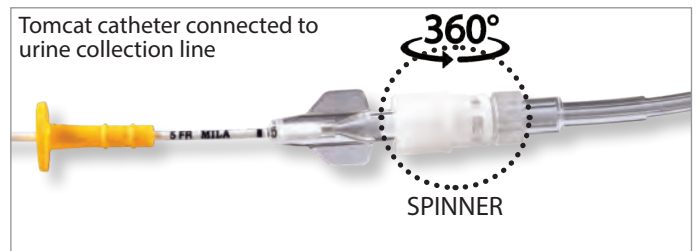
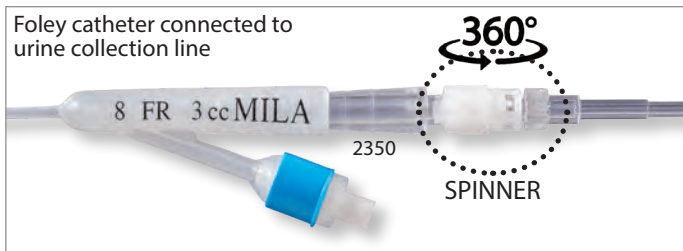


DESCRIPTION	ITEM #
600mL Closed Urine Collection KIT	UC600K
1000mL Closed Urine Collection KIT	UC1000K
2000mL Closed Urine Collection KIT	UC2000K
600mL BAG ONLY	UC600
1000mL BAG ONLY	UC1000
COLLECTION LINE ONLY 14Ga x 180cm (72in)	UCT
Barbed Adapter with Female Luer	
Box of 10, each individually packaged and sterile	2350



### 360° SPINNER LUER LOCK ON THE COLLECTION LINE

360° SPINNER luer lock hub resists twisting and kinking of the collection line and avoids accidental unscrewing.



# Closed Fecal Management System

**Great for HGE/AHDS  
and PARVO**

## FOR COLLECTION OF LIQUID STOOL AND ODOR CONTAINMENT

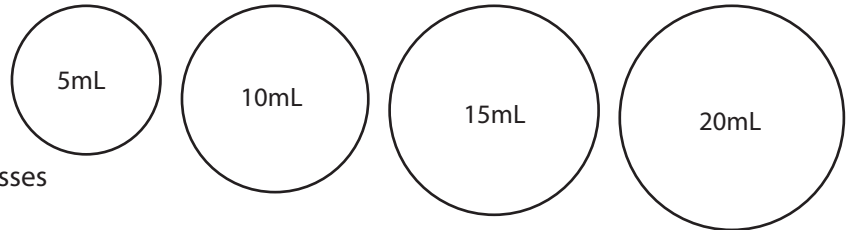
The Fecal Management System is a soft, silicone catheter inserted into the rectum for collection of liquid stool. It is retained by an air-inflated low-pressure balloon. The proximal end of the large bore tube attaches to the barbed adapter on the collection line that is integrated to the 2000mL collection bag.

• Catheter size is determined by the size of the patient:

- 20Fr for small and medium size dogs
- 24Fr for medium and large size dogs
- 28Fr for extra large dogs

Approximate balloon sizes by volume of air:

Sizes are approximate. Balloon may not be symmetrical when inflated. Volume of air should be determined prior to insertion and should be estimated based on normal stool size. Do not overinflate the balloon.



- Balloon size is determined by approximating the normally formed stool size
- Reduces infection risk to other animals and humans
- Measurement lines help to monitor fluid losses
- Greatly reduces clean up time and supplies
- Keeps odor contained
- Additional lumen for irrigation

CATHETER SIZE	LENGTH	BREED	BALLOON SIZE	ITEM #
20Fr	25cm (10in)	Small - Medium	15-20mL	FM2000
24Fr	25cm (10in)	Medium - Large	15-20mL	FM2400
28Fr	25cm (10in)	Extra Large	15-20mL	FM2800

### Replacement Bag

DESCRIPTION	ITEM #
2000mL Collection/Replacement Bag (Non-sterile)	FMRB

Kits include:

1. Silicone catheter
2. 2000mL collection bag with anti-reflux valve and push/pull drain, with integrated 72in (180cm) collection line with injection/sampling port and integrated barbed adapter (Non-Sterile)



**Soft, low-pressure balloon holds the catheter in place while minimizing the risk of trauma**



*"I am happy to have worked with MILA to help solve the problem of managing patients with liquid diarrhea. This system helps improve patient care, decrease technician time required keeping patients clean, helping prevent fecal scald, and odor management in addition to monitoring fluid losses to help guide therapy.*

*Your technicians and patients will thank you for using the system."*

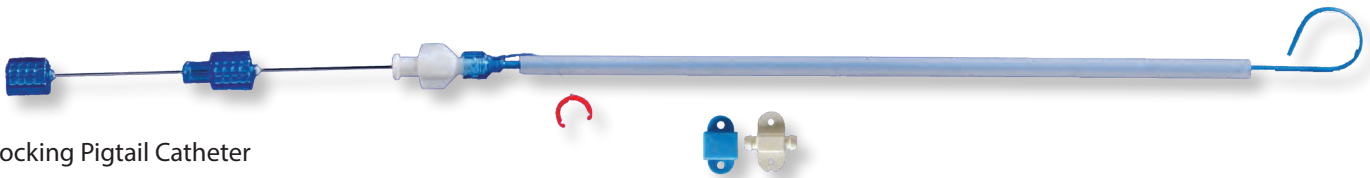
Melissa Edwards DVM, DACVECC

# Locking Pigtail Catheter

## Emergency Cystostomy

- For emergency indwelling drainage
- Ideal for emergency cystostomy in patients with urinary obstructions that cannot be manually unblocked
- Percutaneous cannula-over-needle placement facilitates controlled, minimally invasive catheter introduction
- Soft, flexible, kink resistant, radiopaque, polyurethane catheter
- Fenestrations positioned within catheter pigtail for effective drainage
- Locking string system prevents accidental uncoiling of the pigtail
- Pigtail (coil) helps retain the catheter in place
- Includes:
  1. Straightening cannula with direct puncture needle
  2. Pigtail catheter
  3. Suture wing with clamp

SIZE	LENGTH	ITEM #
6Fr	30cm (12in)	PT625
8Fr	30cm (12in)	PT825



Locking Pigtail Catheter

# Hemodialysis Catheter Kit

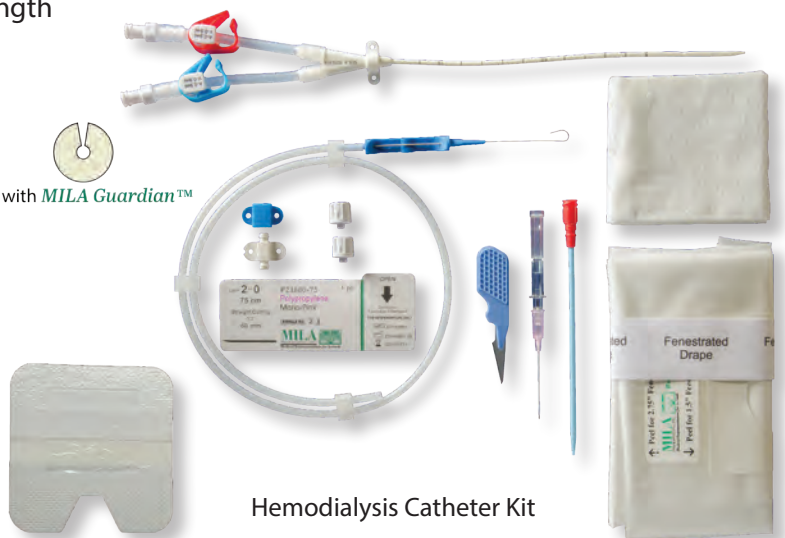
Now packaged with  
**MILA VuSite™**  
 Window Dressing (Item # WD7)



- Two D-shaped lumens for optimal, high blood flow rates
- Soft, polyurethane catheter designed to minimize catheter kinking
- Flexible tip for ease of placement and to minimize risk of vascular trauma
- Silicone extension lines for improved durability during repeated clamping
- Staggered exit ports designed to reduce recirculation
- Additional suture wing can be used to secure the catheter at the incision site, regardless of catheter indwell length
- Rotating suture wing on hub
- Kit includes:
  1. Double lumen polyurethane catheter with silicone extension lines
  2. Guidewire
  3. Dilator
  4. Fenestrated drape
  5. Scalpel
  6. Introducer
  7. Suture pack
  8. Suture wing
  9. Male caps
  10. MILA VuSite™
  11. Gauze



The unique design with thicker walls and a double-D cross section supports maximum flow rates and significantly improves resistance to kinking.



Hemodialysis Catheter Kit

SIZE	LENGTH	ITEM #
7Fr	16cm (6.3in)	HDL716
8Fr	14cm (5.5in)	HDL814
8Fr	16cm (6.3in)	HDL816
12Fr	16cm (6.3in)	HDL1216
12Fr	25cm (10in)	HDL1225

## Blake Drain with Trocar (Peritoneal Dialysis)

- Design of drain allows fluid to move through channels; the only suction is at the proximal end of the channels so omentum does not stick
- Silicone, radiopaque fluted drain
- Length of drain area = 20cm (8in), overall length = 80cm (32in)
- Ideal for peritoneal dialysis
- Length adjustable at both ends



DRAIN	TROCAR	ITEM #
8mm	16Fr (5.3mm)	BL8
11mm	16Fr (5.3mm)	BL11



Try with MILA Guardian™

Use female luer to connect to collection bag for peritoneal dialysis. See bag options below.



### Closed Collection Bag Kits

The 600mL and 1000mL Collection Bag Kits include: anti-reflux valve and twist drain, 180cm (72in) lightweight collection line with 360° SPINNER luer lock and injection/sampling port, and female luer lock barbed adapter

DESCRIPTION	ITEM #
600mL Collection Bag Kit	UC600K
1000mL Collection Bag Kit	UC1000K



UC600K

UC1000K

## MILA Guardian™

Protective Foam Disc with Chlorhexidine Gluconate (CHG)

### Ideal for Drains, Esophagostomy Tubes and Hemodialysis Catheters

CLINICALLY PROVEN TO REDUCE THE RISK OF CATHETER-RELATED INFECTIONS.

- Chlorhexidine dressing with protects the entire insertion site of percutaneous devices 360° of skin antisepsis
- Designed to reduce risk of infection by absorbing exudate and inhibiting or killing bacteria
- 2.54cm (1in) diameter with 7mm center opening and radial slit for easy placement
- Each disc provides **7 DAYS** of protection
- Can be secured in place with the MILA VuSite™ (see page 18)

DESCRIPTION	ITEM #
MILA Guardian™	DR7

Actual size of MILA Guardian™



Front



Back



Photo courtesy of Carolyn Tai, CVT, VTS (ECC) (SAIM), Tufts University

## Anal Sacculectomy Catheter



- Use for easier manipulation during anal sacculectomy
- Retention balloon is inflated to lift and isolate the anal sac
- Stiff, low-profile tip allows catheter to navigate into the anal sac duct opening
- Click the icon to view the

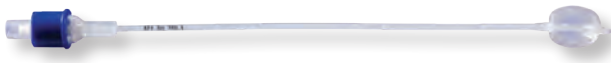
referenced article:



<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6515805/>

SIZE	LENGTH	BALLOON SIZE	ITEM #
4Fr	17.5cm (7in)	1mL	SAC4
6Fr	17.5cm (7in)	3mL	SAC6

Anal Sacculectomy procedure video complimentary of J. Brad Case, DVM, MS, DACVS, Assistant Professor, University of Florida Department of Small Animal Clinical Sciences.



## Olive Tip Needle

### URETHRAL & ANAL GLAND LAVAGE NEEDLE

- Used to flush anal glands or distal end of feline penis
- Stainless steel needle with small atraumatic olive tip
- Female luer designed to fit any syringe
- Reusable

SIZE	LENGTH	ITEM #
21Ga	1.3cm (0.5in)	OT2113
21Ga	2.5cm (1.0in)	OT2125
21Ga	4.0cm (1.5in)	OT2140



## Colo-Cath™ Silicone Colonoscopy Balloon Catheter

NEW!

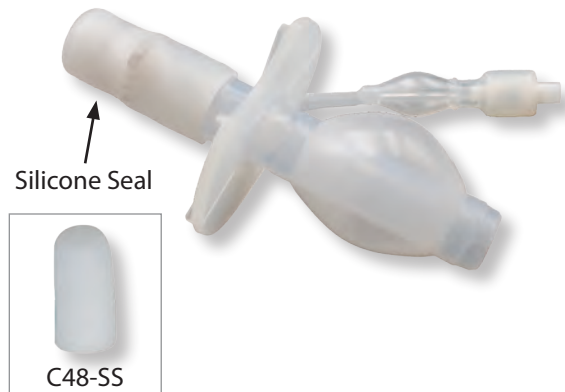
- Balloon provides seal within the rectum for colon insufflation
- Silicone seal allows passage of endoscopic scope while preventing air leakage
- Allows for cleaner clinical setting while scoping
- Valve keeps a seal to prevent air escaping during insufflation
- External flange allows for stabilization during the procedure
- Medical grade, transparent silicone

Hands-free  
colon insufflation!

SIZE	ID	OD	LENGTH	ITEM #
47Fr	11mm	15.7mm	9cm (3.5in)	C48

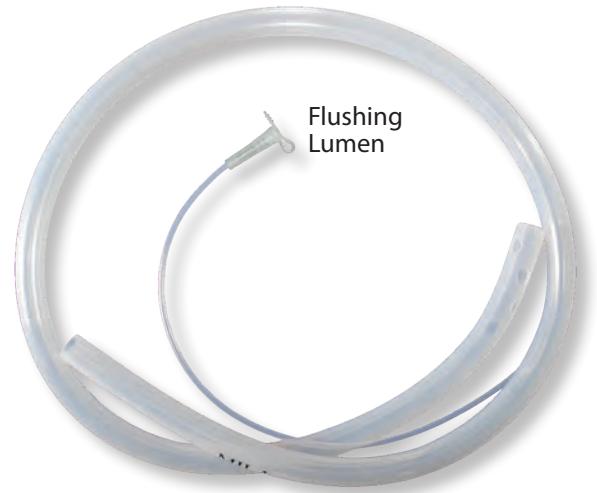
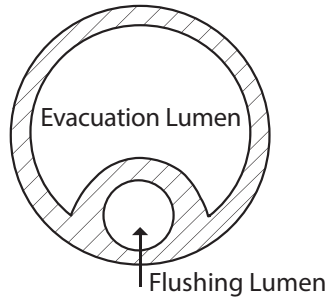
### Additional Silicone Seals

DESCRIPTION	ITEM #
Silicone seal - Pack of 5, each individually packaged and sterile	C48-SS



## Canine GDV / Bloat Tube

- Dual lumen tube for simultaneous flushing and evacuation of the stomach in emergency and surgery
- Four large side-holes
- Soft, heavy-duty silicone material
- Reusable
- Atraumatic tip



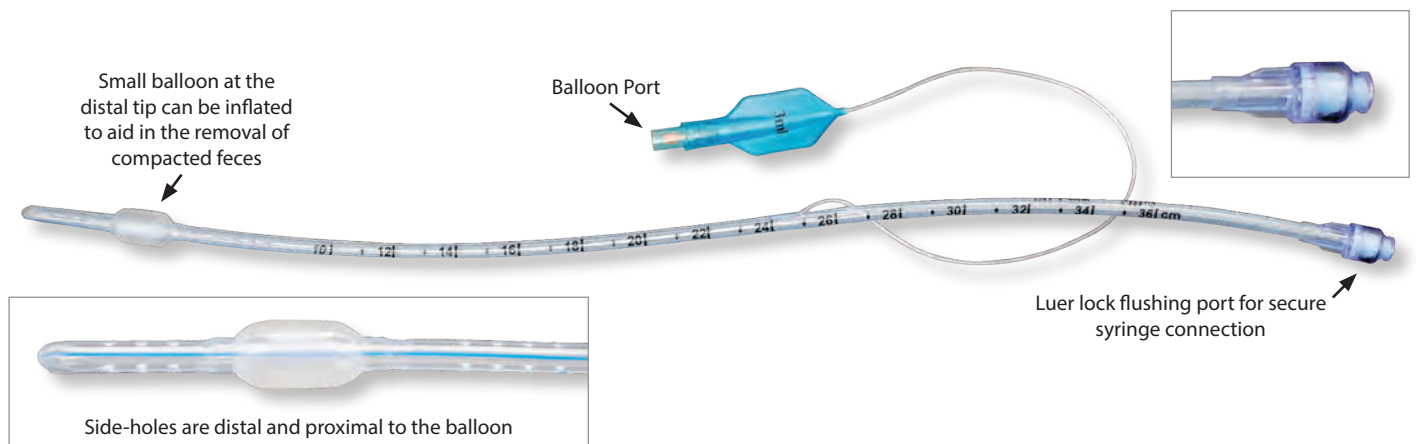
BREED	OD	ID	LENGTH	FLUSHING LUMEN	ITEM #
Giant	3cm (1.2in)	2.2cm (1.0in)	180cm (72in)	127cm (50in)	GDV1
Large	2.5cm (1.0in)	1.8cm (0.7in)	180cm (72in)	127cm (50in)	GDV2
Medium	1.7cm (0.6in)	1.2cm (0.48in)	125cm (50in)	81.3cm (32in)	GDV3
Small	1.2cm (0.48in)	0.87cm (0.34in)	125cm (50in)	81.3cm (32in)	GDV4

## MILA Obstipation Evacuation Catheter



- Semi-rigid catheter body with smooth, rounded atraumatic tip, designed to remove compacted fecal matter in dogs and cats as an alternative to traditional enemas and digital extraction
- Lubricate catheter and insert beyond feces. A syringe with enema solution/lubricant is infused into catheter via the female luer lock port. Inflate balloon with air using a syringe connected to inflation port. Additional enema solution/lubricant can be infused while gently massaging the abdomen to loosen feces. Side holes at tip of catheter allow for thorough irrigation on both sides of the balloon. By slowly massaging the abdomen and gently pulling the catheter, feces can be safely removed. Repeat until all fecal matter is removed.

SIZE	LENGTH	BALLOON SIZE	ITEM #
15Fr	40cm (16in)	3mL	OEC-1516



## Diffusion Catheter/ Soft Tissue Incision Catheter for Pain Management



- Radiopaque polyurethane catheter with small holes in the distal end to evenly disperse anesthetic over 5cm (2in), 10cm (4in), 15cm (6in), 18cm (7.5in), or 22.5cm (9in)
- Designed to provide local anesthesia to the surgery site for several days
- Surgically place in the deepest layer of closure, or by using a 5Fr peel-away introducer (#4205 or #4205.5) for wounds
- Ideal for amputation incisions, traumatic wounds, mammary strips, total ear canal ablation, and thoracic/sternal surgery
- Use with the MILA Elastomeric pump (see page 103), a syringe, or IV pump for continuous infusion

DISPERSION AREA	SIZE	LENGTH	ITEM #
2in (5cm)	16Ga	11cm (4.5in)	DIFF2
4in (10cm)	16Ga	30cm (12in)	DIFF4
6in (15cm)	16Ga	30cm (12in)	DIFF6
7.5in (18cm)	16Ga	30cm (12in)	DIFF7
9in (22.5cm)	16Ga	30cm (12in)	DIFF9
0.2 Micron Filter			
Individually packed / sterile (10 pack)			2420

See MILA website for sample protocols and dosages by Emily McCobb DVM MS DACVA or click the icon.



DIFF2



Opioid-free soft tissue pain management.

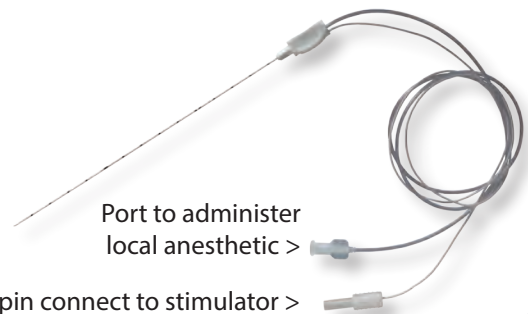
Photo courtesy of William Muir DVM, PhD. The Ohio State University

## Stimulating Echogenic Needles

Stimulating echogenic nerve block needles are for acute pain management and to help increase overall nerve block success. Use with or without ultrasound guidance.

- 2mm pin connector is compatible with MILA Stimpod and most nerve stimulators
- Port to administer local anesthetic with a syringe
- Insulated needle cannula with a stimulating tip allows for needle guidance using stimulation
- B-Bevel, echo needle tip designed to increase visibility under ultrasound guidance
- Centimeter markings on the outer cannula to facilitate precise depth placement

SIZE	LENGTH	ITEM #
22Ga	5cm (2in)	NB2205
21Ga	8cm (3.1in)	NB2108
21Ga	10cm (4in)	NB2110

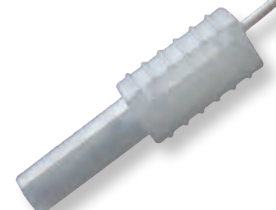
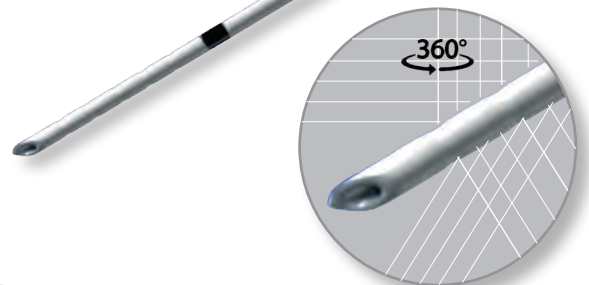


Port to administer local anesthetic >

2mm pin connect to stimulator >



B-Bevel echogenic needle



2mm pin connector

# Epidural Pain Management Kit



- Catheter through tuohy needle introduction
- Length adjustable epidural catheter
- Closed end with side-holes
- Kit includes:
  1. Catheter
  2. Tuohy introducer needle
  3. Loss-of-resistance (LOR) syringe
  4. 0.2 micron bacteria filter
  5. Tuohy borst adapter
  6. Suture wing
  7. Scalpel
  8. Drape
  9. Tape measure



Epidural Kit Pieces

SIZE	LENGTH	TUOHY NEEDLE	ITEM #
20Ga	90cm (36in)	18Ga x 7.5cm (3in)	9203
20Ga	90cm (36in)	18Ga x 15cm (6in)	9206

# Tuohy Needles

Tuohy needles for epidural anesthesia and catheter placement. Hub marked and notched for easy tip orientation.

SIZE	LENGTH	ITEM #
22Ga	4cm (1.5in)	T2215
22Ga	6.25cm (2.5in)	T2225
22Ga	8.75cm (3.5in)	T2235
20Ga	6.25cm (2.5in)	T2025
20Ga	8.75cm (3.5in)	T2035
18Ga	8.75cm (3.5in)	T1803
18Ga	15cm (6in)	T1806



# PinkPoly™ The Economy Catheter

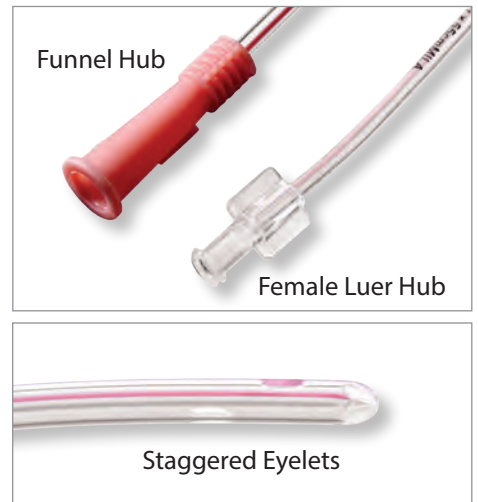


**Everyday Economy  
for Short-Term Use**

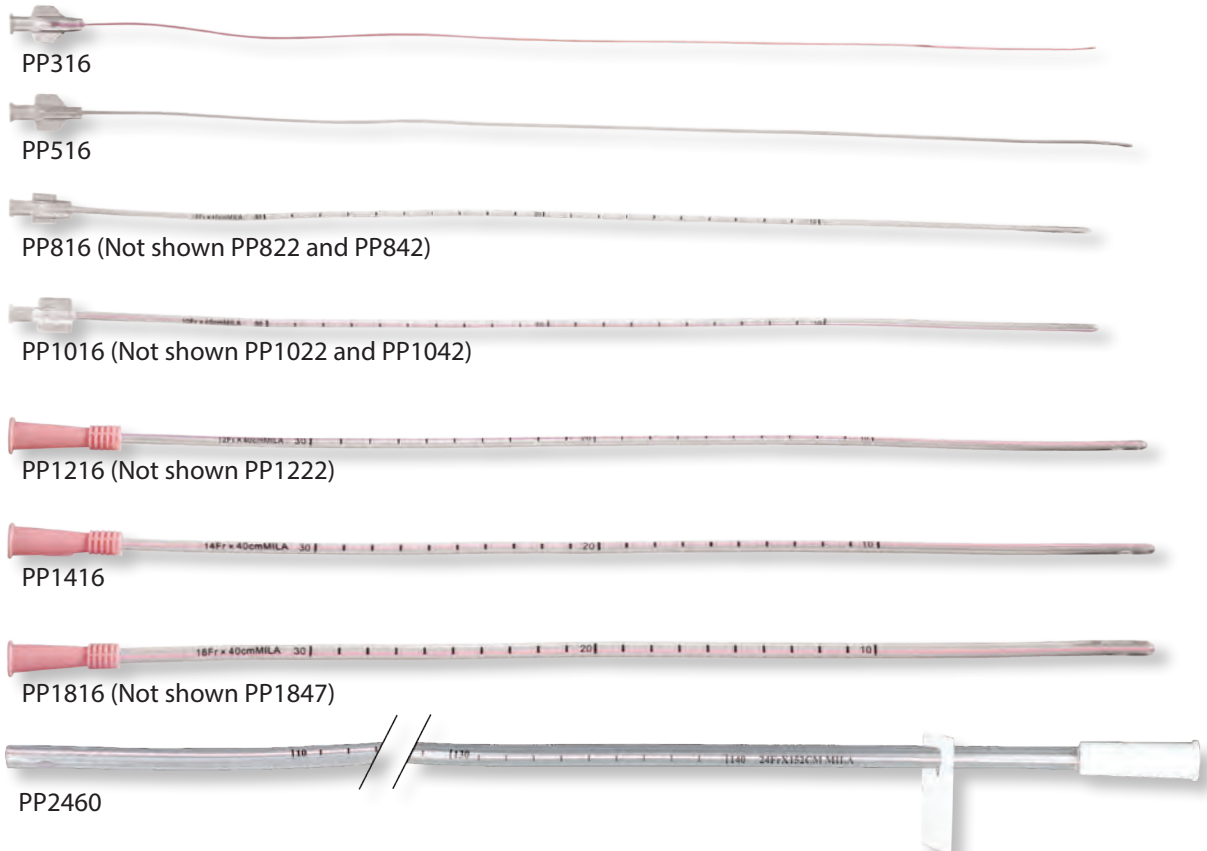
- Non-leaching, non-irritating, latex-free polymer (PVC hybrid) construction that becomes firm when cold and softens with body temperature
- Use for nasogastric or neonatal feeding, esophagostomy, urine drainage, oxygen delivery, and small animal BAL (see page 81)
- Clear catheter body designed to easily visualize contents within the catheter
- Radiopaque pink stripe eliminates need for contrast. Entire catheter of #PP316 (3.5Fr) is completely radiopaque
- Rounded, closed tip with staggered eyelets help to maintain tip strength during insertion and promote efficient drainage
- Smooth, polished surface inside and out - minimizes trauma during catheter insertion and removal
- Centimeter markings on 8Fr-24Fr for precise depth placement
- Longer lengths for 8Fr and 10Fr can be used for urinary catheterization for male dogs
- Female luer hub eliminates need for barbed adapter - connect DIRECTLY to your syringe or collection set

SIZE	LENGTH	HUB STYLE	ITEM #
3.5Fr	40cm (16in)	Female Luer	PP316
5Fr	40cm (16in)	Female Luer	PP516
8Fr	40cm (16in)	Female Luer	PP816
8Fr	55cm (22in)	Female Luer	PP822
8Fr	108cm (42in)	Female Luer	PP842
10Fr	40cm (16in)	Female Luer	PP1016
10Fr	55cm (22in)	Female Luer	PP1022
10Fr	108cm (42in)	Female Luer	PP1042
12Fr	40cm (16in)	Funnel	PP1216
12Fr	55cm (22in)	Female Luer	PP1222
14Fr	40cm (16in)	Funnel	PP1416
18Fr	40cm (16in)	Funnel	PP1816
18Fr	120cm (47in)	Funnel	PP1847
24Fr	152cm (60in)	Funnel	PP2460

IDEAL AS A MARE URINARY CATHETER  
IDEAL AS A STALLION URINARY CATHETER  
IDEAL AS A FOAL NASOGASTRIC TUBE



Each individually packaged and sterile.

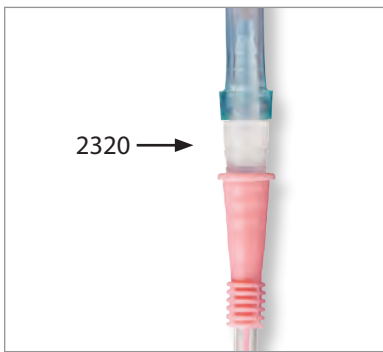


# PinkPoly™ Catheter Adapters

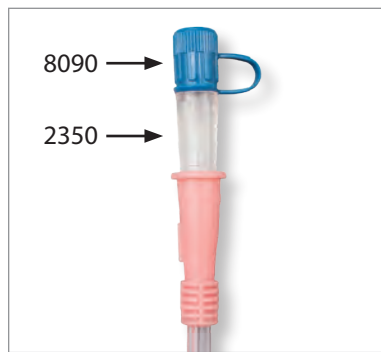
## Barbed Adapters to connect Female Luer or Funnel Hubs

DESCRIPTION	FITS TUBE SIZES	BOX QTY	ITEM #
Dual End Barbed Adapter	7.5mm-15mm	10	2300
Dual End Barbed Adapter	Small end 4.5-7.5mm/Large end 7-11 mm	10	2320
Barbed adapter with female luer	7mm to 10.5mm	10	2350
Barbed adapter with male luer	4mm to 8mm (Ideal for oxygen)	10	2370
Barbed adapter with male luer	7mm to 10mm	10	2380
Tethered Cap		N/A	8090

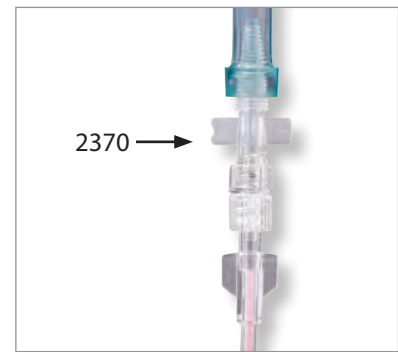
Each individually packaged and sterile.



PinkPoly™ with Funnel connected to oxygen tubing using Item #2320.



PinkPoly™ with Funnel connected to Item #2350 adapter with tethered cap (Item #8090).



PinkPoly™ with Female Luer connected to oxygen tubing using Item #2370.

## Pneumatic Y-Connector with SPINNERS

- Durable wide-bore Y-connector
- 3 male luer lock connectors with SPINNERS
- Ideal for splicing bilateral chest tubes or nasal oxygen lines (additional adapters with female hubs may be required)

DESCRIPTION	ITEM #
Pneumatic Y-Connector with SPINNERS	2475



Connect to PinkPoly™ with female luer connection for nasal cannula

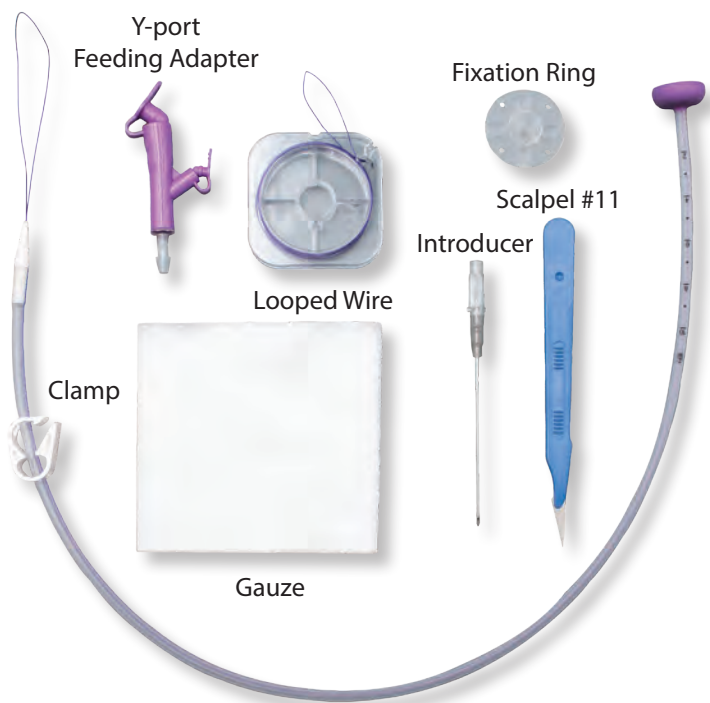
# Gastrostomy Feeding Tube Kits



- Percutaneous endoscopic placement is less invasive, faster, and associated with fewer complications and less pain than surgical gastrostomy.
- Made of 100% medical-grade silicone for biocompatibility and patient comfort.
- Length-adjustable tube with radiopaque stripe
- Y-port accepts catheter-tip and luer lock/slip syringes for easy feeding, medicating, irrigation, and decompression.
- Internal bumper provides secure retention against the stomach wall
- Soft silicone fixation ring to comfortably secure the external portion of the tube

**Kits Include:**

1. Gastrostomy tube with integrated dilator and snare loop
2. #11 Scalpel
3. Catheter-over-needle Introducer
4. PVC-coated stainless steel looped placement wire
5. Silicone fixation ring
6. Tube clamp
7. Y-port
8. Gauze



DESCRIPTION	ITEM #
16Fr Endoscopically Placed Kit	PEG16
20Fr Endoscopically Placed Kit	PEG20

## Gastrostomy Tube Y-Port Replacement

DESCRIPTION	ITEM #
16Fr Y-Port Replacement	RPEG16
20Fr Y-Port Replacement	RPEG20



## Accessories

DESCRIPTION	ITEM #
MILA Guardian™ (Chlorhexidine Dressing)	DR7
500mL Enteral Feeding Bag	FB500
1000mL Enteral Feeding Bag	FB1000



# Mic-Key™ Low Profile Gastrostomy Tube



- Unique balloon style cuff enables insertion and removal without trauma after the stoma is formed
- Kit includes patient care kit with 6mL & 35mL syringes, right angle feeding set, bolus feeding set and caregiver guide
- Available in 12Fr, 14Fr, 16Fr, 18Fr, 20Fr and 24Fr diameters; lengths from 0.8cm to 5.0cm (length is measured from the proximal side of the balloon to the skin surface) See chart below for all available sizes.
- Order the Stoma Measuring Device to determine the length of the formed stoma and the appropriate Mic-Key™ size
- Special Order item; allow 5 business days for delivery



DESCRIPTION	ITEM #
Mic-Key™ - specify Fr size and length	Mic-Key
Stoma Measuring Device	M5555

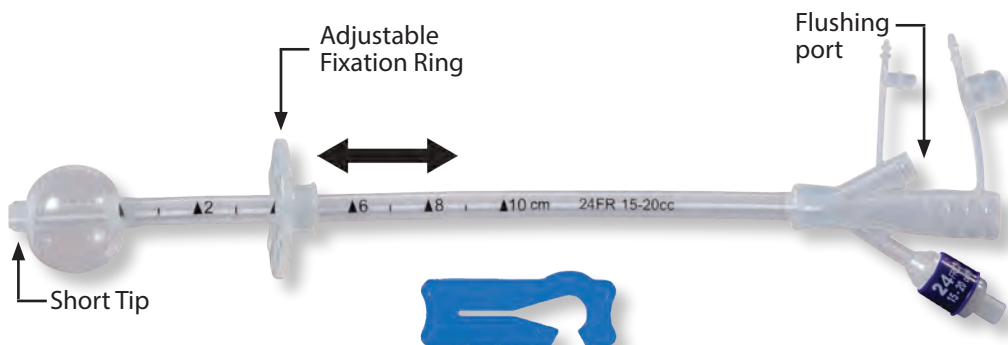
Available Stoma Lengths (cm)

Outer Diameter (Fr)	0.8cm	1.0cm	1.2cm	1.5cm	1.7cm	2.0cm	2.3cm	2.5cm	2.7cm	3.0cm	3.5cm	4.0cm	4.5cm	5.0cm
12Fr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
14Fr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16Fr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18Fr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20Fr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
24Fr				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

# Gastrostomy Catheter

- Surgically placed open-ended silicone G tube with 20mL retention balloon, radiopaque stripe, fixation ring, Y-Port and clamp included
- Can be used for J through G catheterization
- Additional lumen for irrigation

SIZE	LENGTH	BALLOON SIZE	ITEM #
20Fr	25cm (10in)	15-20mL	CYGA20
24Fr	25cm (10in)	15-20mL	CYGA24
28Fr	25cm (10in)	15-20mL	CYGA28

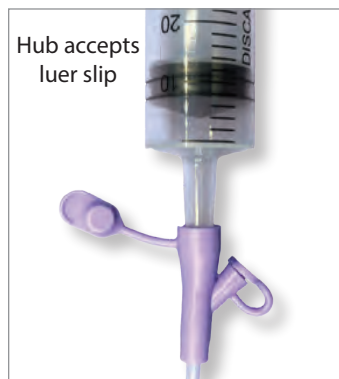
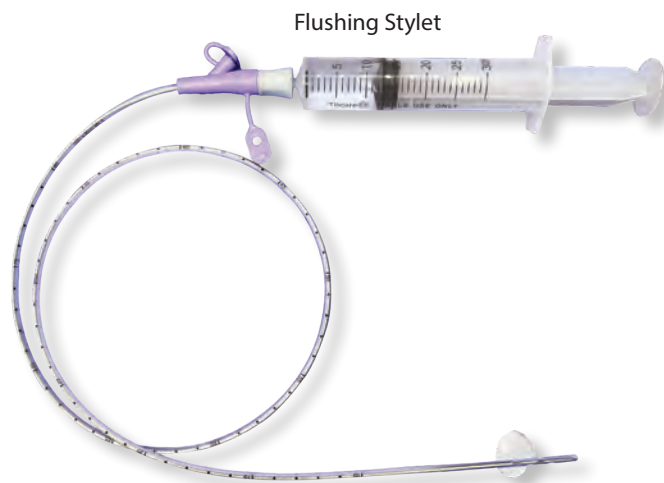


# Nasogastric Feeding Tube PLUS with Flushing Stylet



- Use for gastric decompression and enteral feeding via the nasogastric route
- Non-irritating, LOW FRICTION, transparent polyurethane with purple radiopaque stripe, depth markings, and two suture wings to secure the tube in place
- Round, soft, atraumatic closed tip with side-holes
- Flushing stylet pre-loaded in every tube to facilitate insertion and designed to allow easy wire removal in tight turns
- Stylet hub fits luer slip syringe tips to allow the user to reliably test for negative pressure after tube placement and before stylet removal
- Dual port designed for catheter-tip, luer lock, and luer slip syringes - No adapter required!
- Superior kink resistance

SIZE	LENGTH		ITEM #
5Fr	55cm (22in)	Sterile	NGP522S
5Fr	90cm (36in)	Sterile	NGP536S
6Fr	55cm (22in)		NGP622
6Fr	55cm (22in)	Sterile	NGP622S
6Fr	90cm (36in)		NGP636
8Fr	90cm (36in)		NGP836
8Fr	90cm (36in)	Sterile	NGP836S
8Fr	108cm (43in)		NGP843
8Fr	140cm (55in)		NGP855
10Fr	90cm (36in)		NGP1036
10Fr	90cm (36in)	Sterile	NGP1036S
10Fr	108cm (43in)		NGP1043
10Fr	140cm (55in)		NGP1055
10Fr	180cm (71in)		NGP1071
12Fr	108cm (43in)		NGP1243
12Fr	140cm (55in)		NGP1255



## Labels included

to properly identify enteral feeding line



## WEIGHTED Nasogastric Feeding Tube Plus with Flushing Stylet

Weighted NG Plus Feeding tubes have all of the same features as non-weighted tubes but with tungsten beads in the distal tip.

SIZE	LENGTH	ITEM #
6Fr	55cm (22in)	NGP622W
8Fr	108cm (43in)	NGP843W
10Fr	90cm (36in)	NGP1036W
10Fr	108cm (43in)	NGP1043W
12Fr	108cm (43in)	NGP1243W

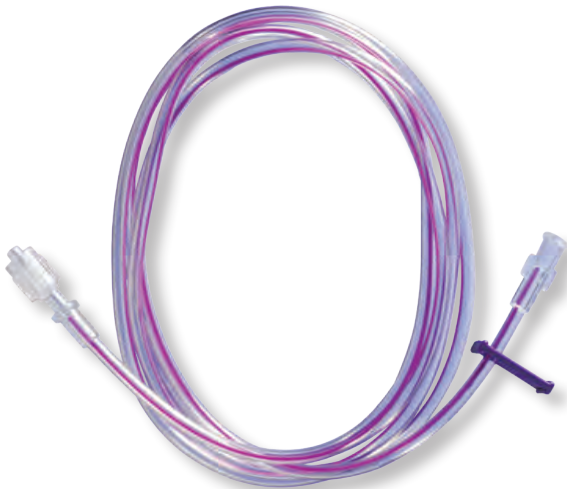


## Feeding Tube Extension Set

- Color-coded purple for safety to indicate feeding
- Male luer fits the port of all MILA yellow and purple NG Tubes

Large Bore Feeding Tube Extension Set with Rotating Male Luer Lock, Clamp, and Female Luer.

SIZE	LENGTH	PRIMING VOLUME	ITEM #
13Ga	152cm (60in)	9.4mL	FTE60



## Enteral Feeding Bag with Spike Port

### EASY TO FILL and MESS FREE!

- Ideal for medium to large volume feeding via nasogastric, nasoesophageal, esophagostomy, or gastrostomy tubes
- Use your preferred administration set for gravity or pump delivery
- Wide spout (4.5cm diameter) and cap make the bags EASY TO FILL and MESS FREE!
- Each bag has a handle to easily hang at the required height
- Non-sterile
- Great for feeding foals

DESCRIPTION	ITEM #
500mL Enteral Feeding Bag	FB500
1000mL Enteral Feeding Bag	FB1000



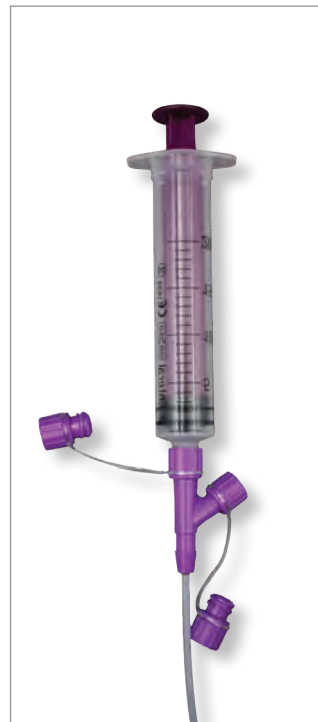
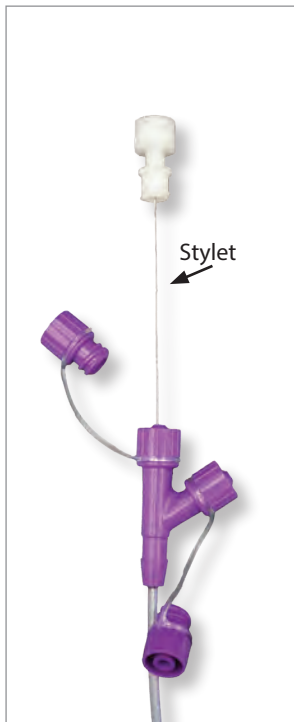
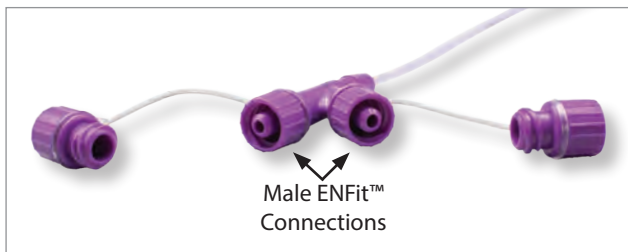
## ENFit™ Nasogastric Feeding Tube Plus

- All of the improved features of the NG Plus, now with a luer specially designed to only accept ENFit™ connections
- ENFit™ tubes require an ENFit™ syringe

SIZE	LENGTH		ITEM #
5Fr	55cm (22in)	Sterile	NGP522S-EF
6Fr	55cm (22in)		NGP622-EF
6Fr	90cm (36in)		NGP636-EF
8Fr	90cm (36in)		NGP836-EF
8Fr	108cm (43in)		NGP843-EF
8Fr	140cm (55in)		NGP855-EF
10Fr	90cm (36in)		NGP1036-EF
10Fr	108cm (43in)		NGP1043-EF
10Fr	140cm (55in)		NGP1055-EF
10Fr	180cm (71in)		NGP1071-EF
12Fr	108cm (43in)		NGP1243-EF



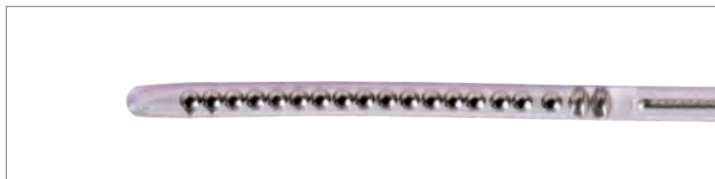
## REDUCE MISCONNECTIONS



## WEIGHTED ENFit™ Nasogastric Feeding Tube Plus

Weighted ENFit™ NG Plus Feeding tubes have all of the same features as non-weighted tubes but with tungsten beads in the distal tip.

SIZE	LENGTH	ITEM #
6Fr	55cm (22in)	NGP622W-EF
8Fr	108cm (43in)	NGP843W-EF
10Fr	90cm (36in)	NGP1036W-EF
10Fr	108cm (43in)	NGP1043W-EF
12Fr	108cm (43in)	NGP1243W-EF



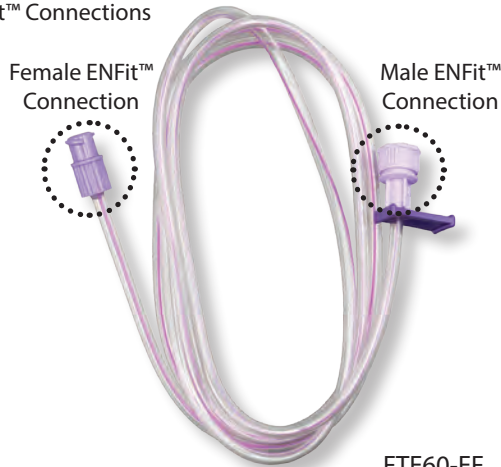
# ENFit™ Accessories

## ENFit™ Extensions

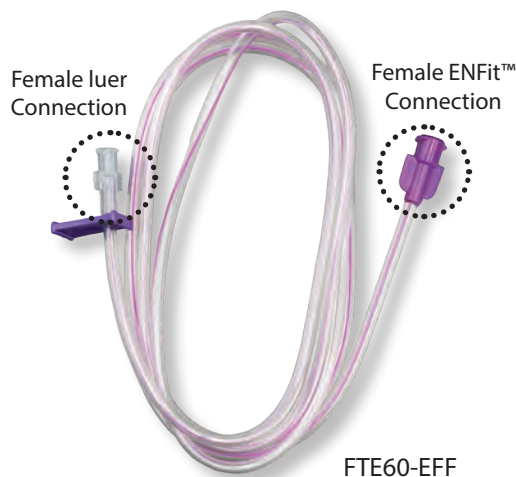
- Color coded purple for safety to indicate feeding

DESCRIPTION	ITEM #
152cm (60in) Feeding Extension Set with one male ENFit™ luer and one female ENFit™ luer	FTE60-EF
152cm (60in) Feeding Extension Set with one female ENFit™ luer and one standard female luer	FTE60-EFF

ENFit™ Connections



FTE60-EF



FTE60-EFF

## ENFit™ Capnography Connector

Connection from oxygen device to an ENFit™ NG Plus Feeding Tubes

DESCRIPTION	ITEM #
Capnography Connector ENFit™	NGCAP-EF

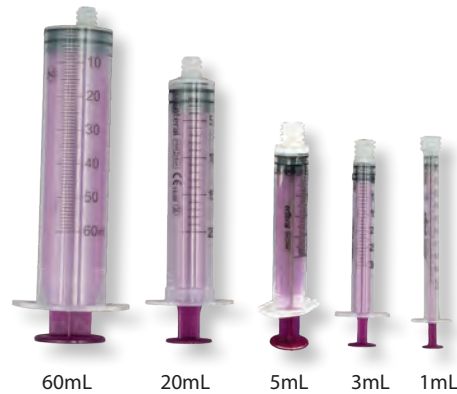


NGCAP-EF

## ENFit™ Syringes

- Designed to only connect to ENFit™ Feeding Tubes
- Designed to reduce the risk of tubing misconnections

DESCRIPTION	ITEM #
1mL ENFit™ Syringe	NGSYR-1
3mL ENFit™ Syringe	NGSYR-3
5mL ENFit™ Syringe	NGSYR-5
20mL ENFit™ Syringe	NGSYR-20
60mL ENFit™ Syringe	NGSYR-60



60mL 20mL 5mL 3mL 1mL

## ENFit™ Feeding Bags **NEW!**

- Ideal for medium to large volume feeding via nasogastric, nasoesophageal, esophagostomy, or gastrostomy tubes
- Use your preferred administration set for gravity or pump delivery
- Wide spout (4.5cm diameter) and cap make the bags EASY TO FILL and MESS FREE!
- Each bag has a handle to easily hang at the required height
- Non-sterile
- Great for feeding foals

1000mL

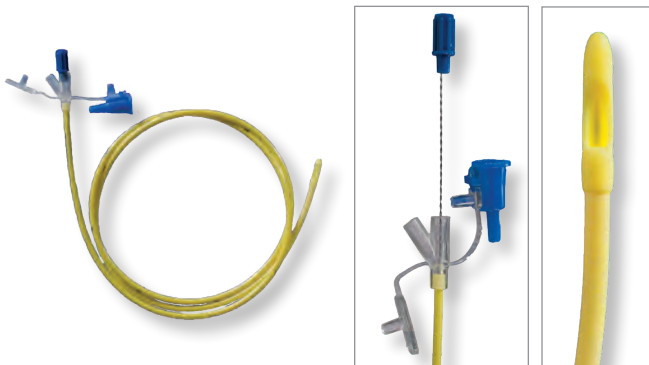


DESCRIPTION	ITEM #
1000mL Feeding Bag with integrated ENFit™ connection	FBS1000

## Nasogastric Feeding Tube with Stylet

- Use for gastric decompression and enteral feeding
- Non-irritating radiopaque polyurethane
- Stylet to facilitate insertion
- Centimeter markings
- Y-port for feeding, medicating, and flushing

SIZE	LENGTH		ITEM #
3.5Fr	25cm (10in)	(no stylet) Sterile	NG310S
5Fr	56cm (22in)	Sterile	NG522S
6Fr	56cm (22in)		NG622
6Fr	91cm (36in)		NG636
8Fr	109cm (43in)		NG843
8Fr	140cm (55in)		NG855
10Fr	91cm (36in)		NG1036
10Fr	109cm (43in)		NG1043
10Fr	140cm (55in)		NG1055
12Fr	109cm (43in)		NG1243



## WEIGHTED Nasogastric Feeding Tube with Stylet

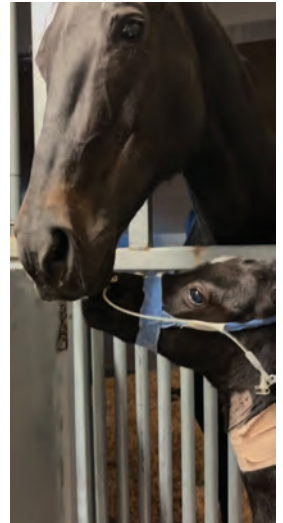
- Weight in distal end
- Use for gastric decompression and enteral feeding
- Non-irritating radiopaque polyurethane
- Stylet to facilitate insertion
- Centimeter markings
- Y-port for feeding, medicating, and flushing

SIZE	LENGTH	WEIGHT	ITEM #
6Fr	56cm (22in)	1g	NG622W
8Fr	109cm (43in)	3g	NG843W-3
8Fr	109cm (43in)	7g	NG843W-7
10Fr	91cm (36in)	3g	NG1036W
10Fr	109cm (43in)	3g	NG1043W
12Fr	109cm (43in)	3g	NG1243W



## Large Animal Nasogastric Feeding Tubes

- Use for gastric decompression and enteral feeding
- Non-irritating polyurethane with radiopaque stripe
- Stylet to facilitate insertion
- Centimeter markings
- Y-port for feeding, medicating, and flushing
- LENGTH ADJUSTABLE AFTER PLACEMENT by cutting the proximal end and replacing Y-port



SIZE	LENGTH		ITEM #
14Fr	125cm (50in)	FOALS and LARGE DOGS	NG1450
18Fr	250cm (100in)	ADULTS	NG18100

**Length adjustable AFTER placement with removable Y-Port**



## Foal Nasogastric Tube

- Non-leaching, non-irritating, latex-free polymer (PVC hybrid) construction that becomes firm when cold and softens with body temperature
- Clear catheter body designed to easily visualize contents within catheter
- Radiopaque pink stripe eliminates need for contrast
- Smooth, polished, open tip with staggered eyelets help maintain tip strength during insertion and promote efficient drainage
- Funnel hub for connection to catheter-tip syringe
- Centimeter markings for precise depth placement

SIZE	LENGTH	ITEM #
24Fr	152cm (60in)	PP2460



Photo courtesy of Andrea Whittle, LVT, VTS-EVN. Lexington, Kentucky

## Percutaneous Balloon Catheter Kit for Gastrostomy

- Introduction uses Seldinger technique and peel-away dilator sheath
- Open-ended silicone catheter with centimeter markings, Y-port, fixation ring and radiopaque stripe
- Short catheter tip reduces the risk of mucosal irritation
- Large funnel Y-port with tethered caps
- Adjustable fixation ring prevents catheter migration
- Kit includes:
  1. Fenestrated drape
  2. Scalpel
  3. Catheter-over-needle introducers
  4. Guidewire
  5. 12Fr dilator
  6. 24Fr dilator with peel-away introducer sheath
  7. Catheter with fixation ring and clamp
  8. Gauze
  9. Suture pack
  10. Syringe

SIZE	LENGTH	BALLOON SIZE	ITEM #
20Fr	25cm (10in)	15-20mL	PBC20



## Silicone Esophagostomy Feeding Tubes

- Silicone material
- Female luer lock adapter with tethered cap
- Suture wing included on all sizes except 30Fr
- Item #SE2030 and #SE3044 are length adjustable and can be placed with the Tunneler, using retrograde technique as shown on page 65

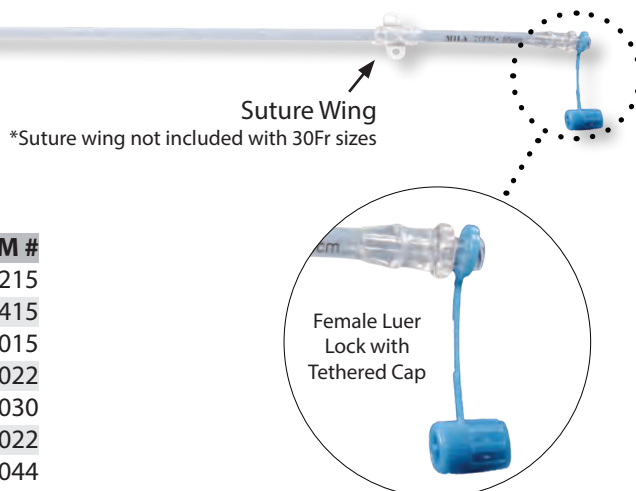
Try with *MILA Guardian™*



Open end with two side-holes

SIZE	LENGTH	ITEM #
12Fr	38cm (15in)	SE1215
14Fr	38cm (15in)	SE1415
20Fr	38cm (15in)	SE2015
20Fr	55cm (22in)	SE2022
20Fr	76cm (30in)	*SE2030
30Fr	55cm (22in)	*SE3022
30Fr	110cm (44in)	*SE3044

\* Hub not attached.



Suture Wing

\*Suture wing not included with 30Fr sizes

Female Luer Lock with Tethered Cap

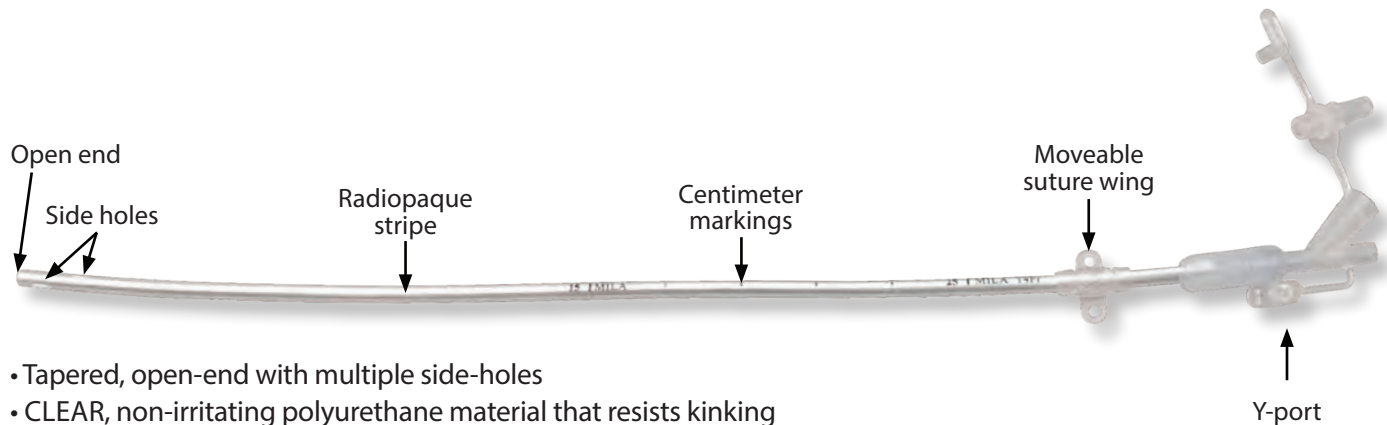
# Length-Adjustable Esophagostomy Feeding Tubes

Try with *MILA Guardian™*



## The tube can be cut to desired length AFTER PLACEMENT.

Kink-resistant polyurethane tube for long-term enteral feeding via esophagostomy. Features include a tapered, open end with multiple side-holes, suture wing, Y-port for catheter tip or luer-slip syringes, and a radiopaque stripe.

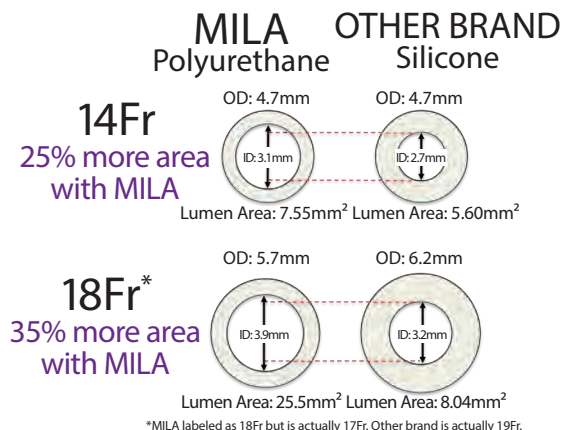
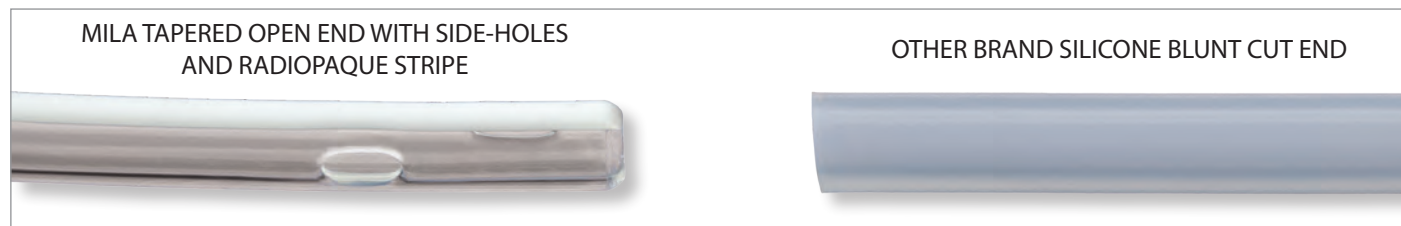


- Tapered, open-end with multiple side-holes
- CLEAR, non-irritating polyurethane material that resists kinking
- Secure Y-Port for feeding, medicating, and flushing
- Length-adjustable after placement by cutting the proximal end and replacing Y-Port
- Suture wing included
- Radiopaque stripe with centimeter markings

FOR RETROGRADE TECHNIQUE:

SIZE	LENGTH		MILA TUNNELER ITEM #	ITEM #
10Fr	75cm (30in)	RECOMMENDED LENGTH	ETUN14	E1030
14Fr	33cm (13in)		N/A	E1413
14Fr	75cm (30in)	RECOMMENDED LENGTH	ETUN14	E1430
14Fr	125cm (50in)		ETUN14	*E1450
18Fr	75cm (30in)	RECOMMENDED LENGTH	ETUN18	E1830
Y-Port Replacement Kit for 14Fr and 18Fr Esophagostomy Tubes				E-Y

\* Item #E1450 includes a stiffening stylet. There are no side-holes on this size only.



\*MILA labeled as 18Fr but is actually 17Fr. Other brand is actually 19Fr.

# Esophagostomy Feeding Tube Placement

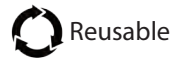
## Retrograde Technique: Tunneler for Esophagostomy Feeding Tube Placement



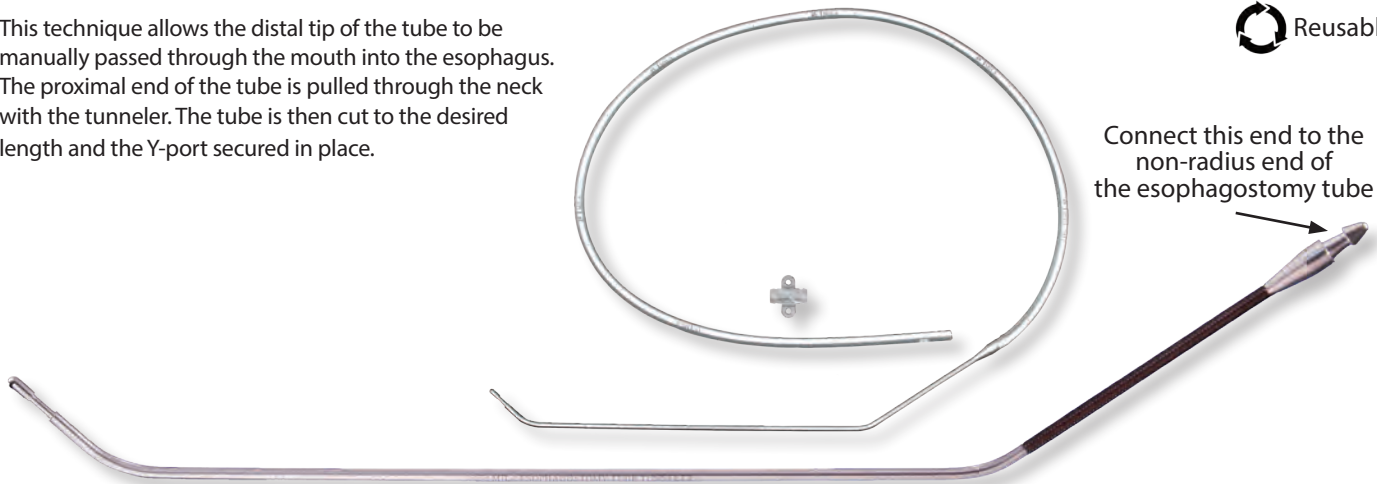
EASIER AND FASTER – Retrograde tunneling greatly improves the ability to easily, safely, and quickly position the MILA length-adjustable Esophagostomy Feeding Tubes.

DESCRIPTION	FITS TUBE SIZES:	ITEM #
14Fr Esophagostomy Tube Tunneler	10Fr and 14Fr (item #E1030, #E1430 and #E1450)	ETUN14
18Fr Esophagostomy Tube Tunneler	18Fr (item #E1830)	ETUN18
20Fr Esophagostomy Tube Tunneler	20Fr (item #SE2030)	ETUN20
30Fr Esophagostomy Tube Tunneler	30Fr (item #SE3044)	ETUN30

This technique allows the distal tip of the tube to be manually passed through the mouth into the esophagus. The proximal end of the tube is pulled through the neck with the tunneler. The tube is then cut to the desired length and the Y-port secured in place.



Connect this end to the non-radius end of the esophagostomy tube



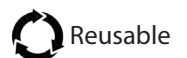
## Antegrade Technique: Tube Passer for Esophageal Feeding Tube Placement



Designed to facilitate placement of E-tubes and reduce the risk of bleeding and subsequent skin infections. It is available in 3 different sizes and is compatible with all E-tubes as well as Esophageal Balloon Dilation Feeding Tubes used for management of esophageal strictures (pages 66-67). See MILA website for detailed instructions and videos.

DESCRIPTION	FITS TUBE SIZES:	ITEM #
18Fr Introducer	14Fr (Item #E1430 and #E1450)	BE18MI
22Fr Introducer	18Fr (Item #E1830)	BE22MI
26Fr Introducer	20Fr (Item #SE2030)	BE26MI

This technique allows for aseptic placement of the tube into the esophagus through the tube passer. The distal end of the tube is pushed through the tube passer and down the esophagus. The tube passer is then removed, the tube is cut to the desired length, and the Y-port or adapter are secured in place.



Radius end is pushed through the tube passer and down the esophagus



# Esophageal Balloon Dilatation Feeding Tube



Use this one-stage esophageal balloon dilatation feeding tube for palliative management of benign esophageal stricture and for feeding of cats and dogs. This is an effective single-procedure alternative to repeated expensive balloon dilations and incorporates the esophageal feeding tube.

DESIGN: The BE-tube features a double balloon surrounding the feeding tube. A compliant outer balloon covers a non-compliant inner balloon for optimal, low profile, long-term, routine, dilation of strictures performed by the owner at home.

- Clear, non-irritating polyurethane ideal for long-term use (Latex-free)
- Lateral ports minimize catheter occlusion
- Radiopaque line for precise placement
- Accessory kit contains two hydrophilic nitinol wires with steerable tip (.035in x 80cm and .035in x 150cm), a Centesis Adapter (Auto 3-way), and a stopcock (#2405)
- Items needed for placement and operation of the BE-tube: accessory kit, stainless steel introducer, and inflation device

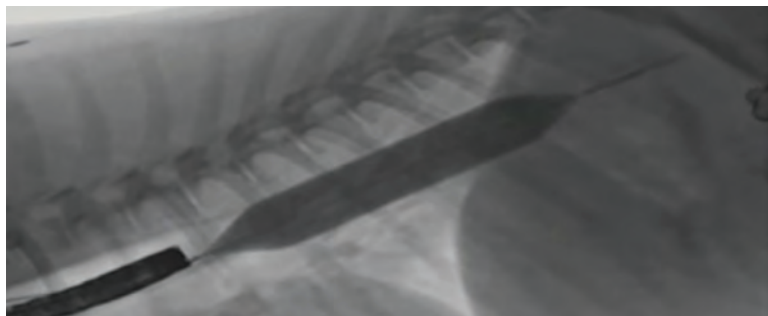


See 2018 publication at the web address below or click the icon:  
 Tan DK, Weisse C, Berent A, Lamb KE. Prospective evaluation of an indwelling esophageal balloon dilatation feeding tube for treatment of benign esophageal strictures in dogs and cats.  
 J Vet Intern Med. 2018;00:1–8. <https://doi.org/10.1111/jvim.15071>



**DISCUSSION:** Once a BES has been diagnosed and traditionally balloon-dilated, the BE-Tube is placed similarly to a standard esophageal feeding tube (E-Tube) with some technical differences. The owner performs twice daily balloon dilations at home, in their unsedated pet, using predetermined air volumes. This tube can also provide supplementation of food, water, and medications. While stricture dilation can be uncomfortable in humans, the initial stricture effacement would occur under the initial anesthetic episode so subsequent dilations would not be expected to be associated with discomfort. In between the daily dilation procedures, the balloon would be self-constrained permitting passage of normal food and liquid boluses. The BE-Tube is typically removed approximately 4-6 weeks later, often under general anesthesia, for repeat esophagoscopy to confirm stricture resolutions. It can also be removed in an awake patient.

– Chick Weisse, VMD, DACVS

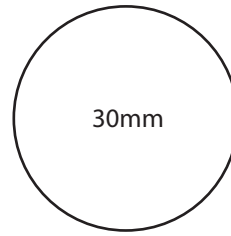
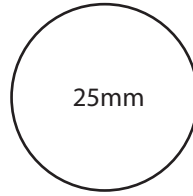
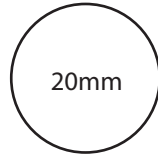
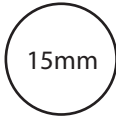


# Items Needed to Place and Operate Esophageal Balloon Dilation Feeding Tube

1.

Select the appropriate balloon size and length for the esophageal feeding tube.

Balloon Diameters  
(Actual Size)



**DESCRIPTION**

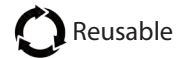
DESCRIPTION	ITEM #
10Fr x 75cm (30in) Feeding Tube with a balloon 10mm diameter x 12cm length - Order with BE18MI	BE1012
14Fr x 75cm (30in) Feeding Tube with a balloon 15mm diameter x 15cm length - Order with BE22MI	BE1415
14Fr x 75cm (30in) Feeding Tube with a balloon 20mm diameter x 20cm length - Order with BE22MI	BE1420
18Fr x 75cm (30in) Feeding Tube with a balloon 25mm diameter x 25cm length - Order with BE26MI	BE1825
18Fr x 75cm (30in) Feeding Tube with a balloon 30mm diameter x 30cm length - Order with BE26MI	BE1830

2.

Select the appropriate Introducer.



Stainless Steel Introducer



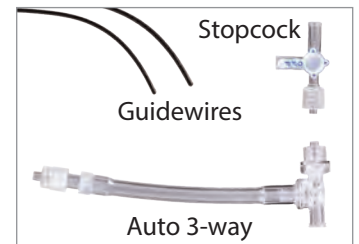
**DESCRIPTION**

DESCRIPTION	ITEM #
18Fr Introducer for 10Fr BE Tube	BE18MI
22Fr Introducer for 14Fr BE Tube	BE22MI
26Fr Introducer for 18Fr BE Tube	BE26MI

3.

Order the accessory kit which includes.

- TWO Nitinol guidewires with steerable tip
  - 0.035in x 80cm
  - 0.035in x 150cm
- ONE Auto 3-way (item #175450NB)
- ONE Stopcock (item #2405)



**DESCRIPTION**

DESCRIPTION	ITEM #
Accessory Kit - Wires, Centesis Valve, Stopcock	BE-ACC

4.

Order the inflation device.

- Reusable
- Barrel volume = 60mL
- 33cm (13in) extension tubing with rotating male luer
- Analog display to monitor inflation pressure of the balloon



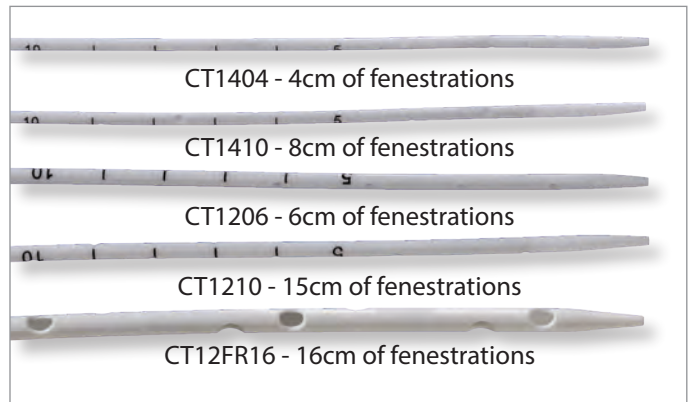
**DESCRIPTION**

DESCRIPTION	ITEM #
60mL Inflation Device	BE-BIG60

# Guidewire-Inserted Chest Tube Kit



- Fenestrated polyurethane catheter inserted percutaneously with the Seldinger Technique for drainage and/or lavage of the pleural cavity
- Use for pyothorax, hemothorax, pneumothorax, thoracic lavage, or pericardial drain
- Placed using local anesthetic and sedation
- Stasis valve keeps the catheter sealed, eliminating the need for a three-way stopcock
- Additional suture wing for secure depth adjustment and attachment



**• 12Ga and 14Ga catheter kits include:**

1. Introducer catheters
2. Guidewire
3. Dilator
4. Chest tube with integrated extension
5. Suture wings
6. Stasis valve
7. Cap
8. MILA VuSite™ Window Dressing

**• 12Fr catheter kit includes:**

1. Fenestrated drape
2. Scalpel
3. Introducer catheter
4. Guidewire
5. Dilator
6. Chest tube with integrated extension and pre-loaded stiffening stylet
7. Suture wing
8. 3-0 suture
9. High flow stasis valve
10. Cap
11. Gauze
12. MILA VuSite™ Window Dressing

SIZE	LENGTH	FENESTRATIONS	ITEM #
14Ga	20cm (8in)	5 fenestrations up to 4cm	CT1404
14Ga	20cm (8in)	7 fenestrations up to 8cm	CT1410
12Ga	20cm (8in)	7 fenestrations up to 6cm	CT1206
12Ga	30cm (12in)	14 fenestrations up to 15cm	CT1210
12Fr	30cm (12in)	16 fenestrations up to 16cm	CT12Fr16



Photo courtesy of Ana Prommarit, DVM, Kasetsart Veterinary teaching hospital



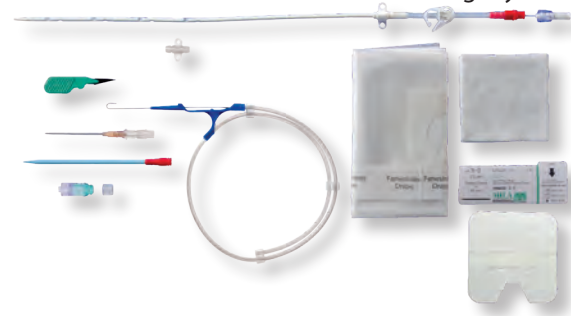
Photo courtesy of Mike Ethier DVM, DVSc, DACVECC

Kit Pieces for CT1404, CT1410, CT1206, CT1210



Kit Pieces for CT12Fr16

Stiffening Stylet >

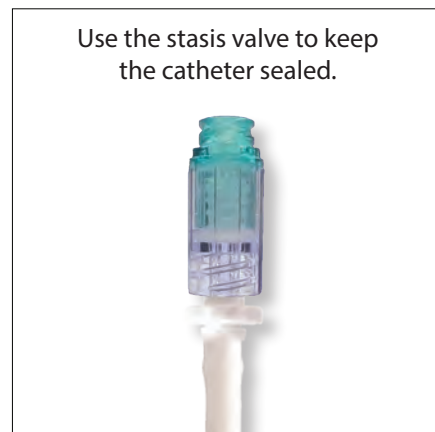
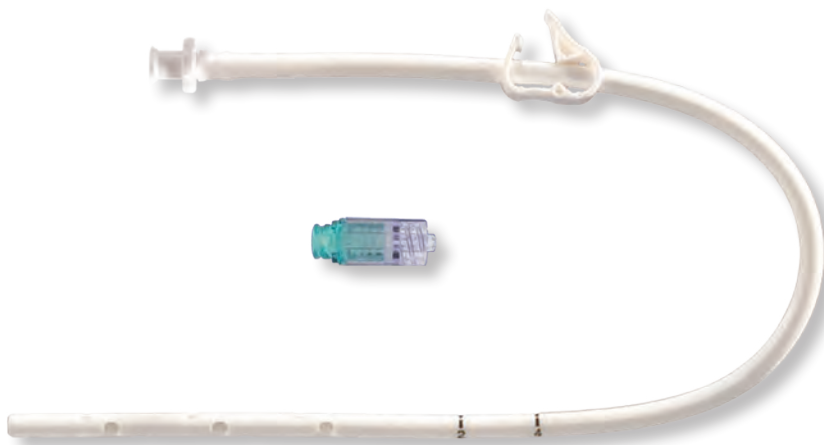


## Silicone Chest Tubes

- Radiopaque, single lumen, open-end with multiple fenestrations
- Silicone material is very kink-resistant
- Use for drainage of air or fluid
- Surgically placed
- Stasis valve keeps the catheter sealed, eliminating the need for a three-way stopcock
- Includes female luer lock, clamp, and stasis valve

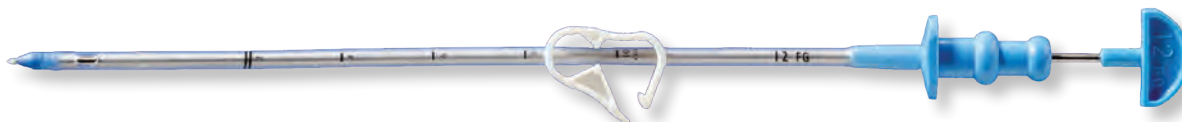


SIZE	LENGTH	FENESTRATION	ITEM #
12Fr	38cm (15in)	5cm of fenestrations	CT1215
14Fr	38cm (15in)	7cm of fenestrations	CT1415
20Fr	38cm (15in)	10cm of fenestrations	CT2015
20Fr	55cm (22in)	10cm of fenestrations	CT2022
30Fr	55cm (22in)	12cm of fenestrations	CT3022

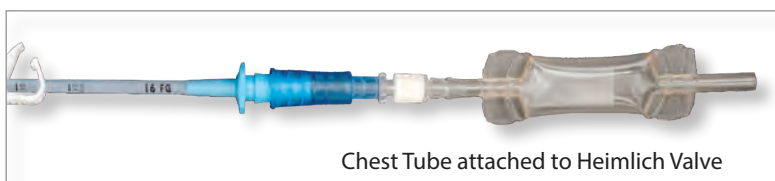


## Chest Tube with Sharp Trocar and Adapter

- All sizes include clamp and female luer adapter
- Open-end with two large fenestrations
- Centimeter markings
- PVC material



SIZE	LENGTH	ITEM #
10Fr	19cm (7.5in)	CTT10S
12Fr	19cm (7.5in)	CTT12S
14Fr	19cm (7.5in)	CTT14S
16Fr	21cm (8.0in)	CTT16
20Fr	34cm (13.5in)	CTT20
24Fr	34cm (13.5in)	CTT24
28Fr	34cm (13.5in)	CTT28
32Fr	34cm (13.5in)	CTT32



# Heimlich Valves

For one-way evacuation of air and/or fluid

- #H2900 is a pillow-style valve typically used in small animal applications. Two adapters are included: one dual-ended barbed adapter for connection to funnel hub tubes or those with an inner diameter of 7mm to 11mm, and one male luer lock adapter for connection to MILA Guidewire-Inserted Chest Tubes, MILA Silicone Chest Tubes, or the female luer adapter included with MILA Trocar Chest Tubes.
- #H5300 is a semi-rigid cylinder style valve typically used in large animal applications and can connect directly to funnel-hub tubes or those with an inner diameter of 8.5mm to 12mm. A male luer adapter is included for connection to MILA Guidewire-Inserted Chest Tubes, MILA Silicone Chest Tubes, or the female luer adapter included with MILA Trocar Chest Tubes.

DESCRIPTION	ITEM #
Pillow style, 12cm (5in) pillow length	H2900
Semi-rigid cylinder style, 16cm (6.5in) cylinder length	H5300

**Small Animal**

H2900

Barbed adapter for funnel-ended chest tubes

Luer lock adapter for guidewire inserted chest tubes

H2900 connected to guidewire chest tube

H2900 connected to funnel-hub chest tube

**Large Animal**

H5300

Adapter for guidewire inserted chest tubes

MILA Item #H5300

H5300 connected to guidewire chest tube

H5300 connected to trocar style chest tube by bubble tubing

Open end of internal one-way valve should face AWAY from the patient/chest tube.

# Chest Tube Adapter with Stopcock

- Adapter includes a three-way stopcock, clamp, and barbed adapter
- Fits funnel hub chest tubes or those with an ID of 7mm to 11mm
- Can be used with a variety of tubes such as drains and nasogastric feeding tubes

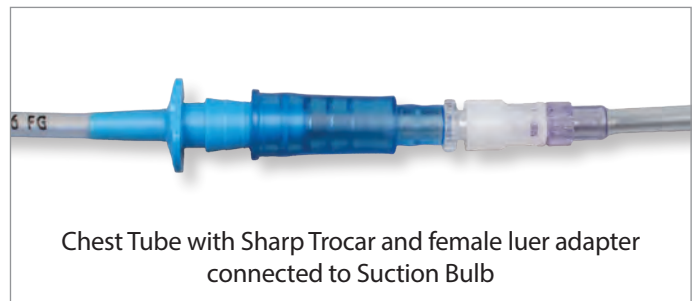
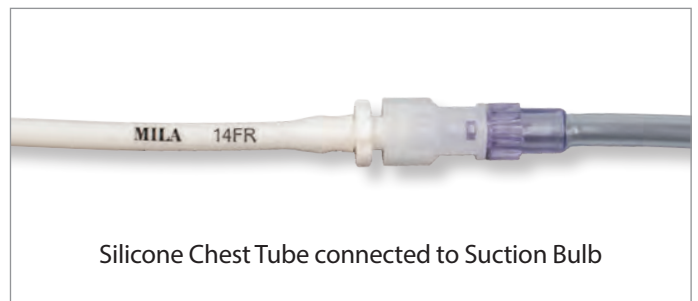
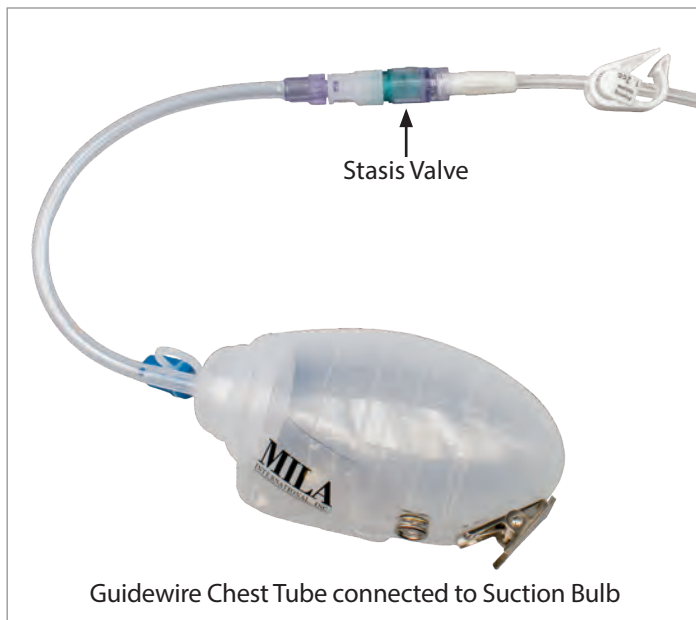
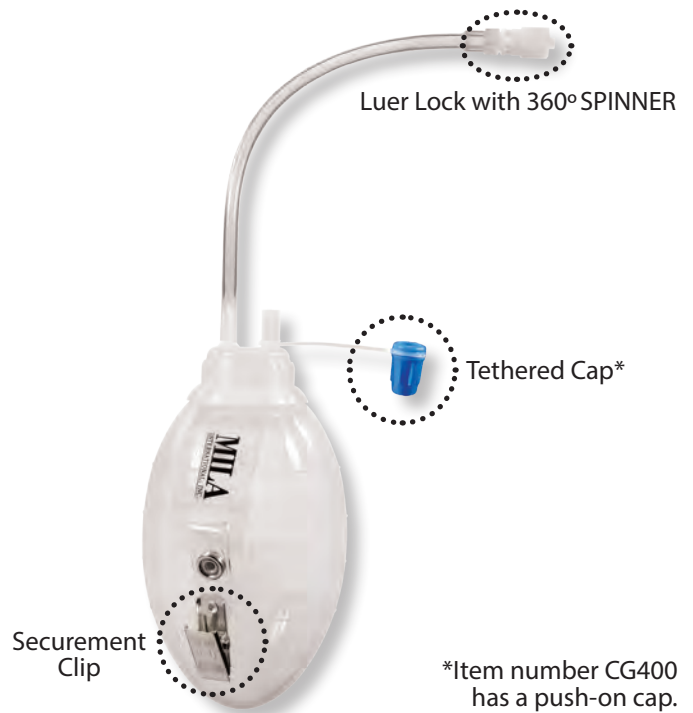
SIZE	LENGTH	ITEM #
16Fr	17cm (7in)	175420
20Fr	25cm (10in)	175425



# Chest Tube Suction Bulb with 360° SPINNER

- 360° SPINNER luer lock adapter for secure attachment to MILA Guidewire-Inserted Chest Tube that resists twisting and kinking of the catheter during movement; avoids accidental disconnection
- Continuous gentle suction
- Add female luer lock barbed adapter (item #2350) for use with chest tubes with funnel hubs (other manufacturers)
- Internal anti-reflux valve to prevent back flow of fluid to the patient
- Volume markings provide easy measurement

DESCRIPTION	ITEM #
100mL suction bulb	CG100
150mL suction bulb	CG150
200mL suction bulb	CG200
400mL suction bulb	*CG400
Female luer lock barbed adapter fits funnel hub catheters and tubes with ID of 7mm to 10.5mm; Each individually packed and sterile (10 pack)	2350



When the stasis valve is connected to the chest tube extension, the suction bulb can be safely removed without compromising the chest tube because the stasis valve is designed to remain closed until activated by a male luer, eliminating the need for a 3-way stopcock.

NOTE: To reduce the risk of contamination, do not reconnect the suction bulb if it becomes disconnected. If the stasis valve is disconnected from the chest tube extension, immediately clamp the extension and replace it with a new (sterile) stasis valve (item #8200 on page 23).

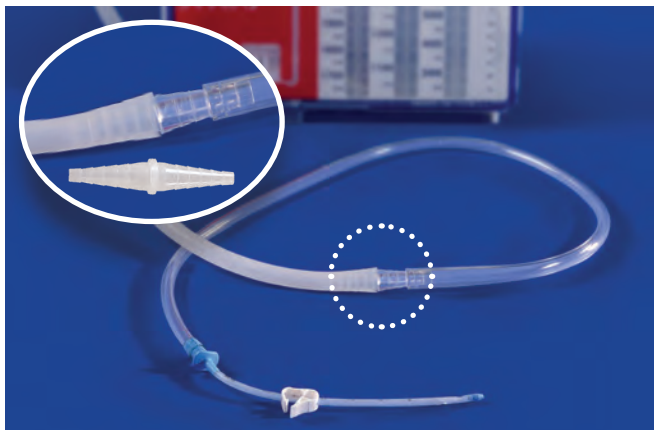
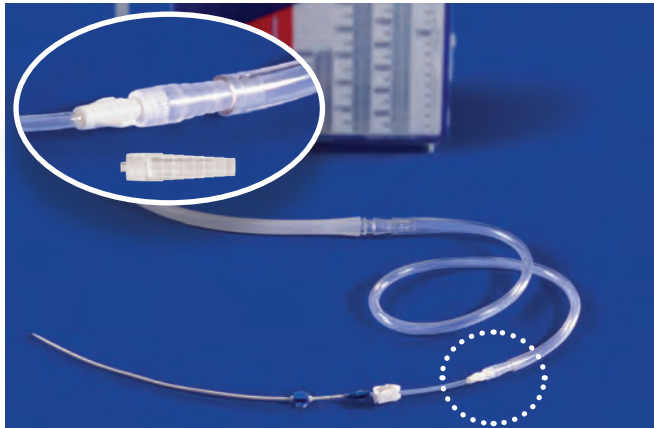
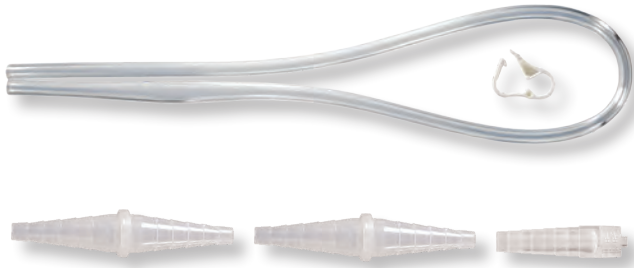
**All MILA guidewire chest tube kits and silicone chest tubes include a stasis valve.**

## Chest Tube Adapter for Suction Systems

### Connect Luer Lock or Funnel Style Chest Tubes to your suction system

- Securely connect female luer lock or funnel style chest tubes to suction systems from other manufacturers (e.g. Pleur-evac® and Thora-Seal™)
- Contains three barbed adapters and bubble tubing that can be trimmed to fit the suction device

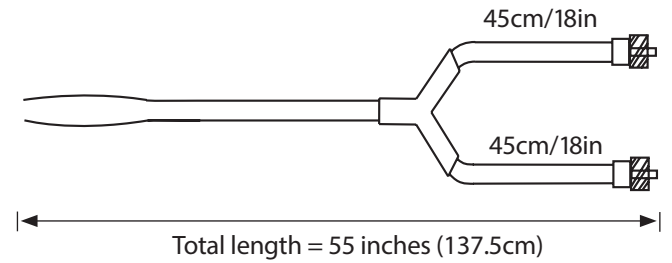
DESCRIPTION	ITEM #
Chest Tube Adapter	175380



## Suction Connector for Bilateral Chest Tubes

- 20Fr Suction Set connects bilateral chest tubes to a single vacuum source
- Male luers attach directly to MILA Guidewire Chest Tubes
- Use female luer barbed adapters (item #2350 on page 126) for funnel hub chest tubes
- Bubble tubing can be cut to accommodate various suction systems and adapters

DESCRIPTION	ITEM #
20Fr Suction Set	175800



# Short-Term Fenestrated Centesis Catheters

- Catheter-over-needle style with smooth transition from needle to catheter, featuring additional fenestrations for improved infusion and aspiration
- Three fenestrations at the distal end

SIZE	LENGTH	ITEM #
18Ga	9cm (3.5in)	1804F
16Ga	7.5cm (3in)	1604F
14Ga	9cm (3.5in)	1404F
14Ga	13cm (5.25in)	1412F

1804F



1604F



1404F



1412F



MILA Associate Pet  
Duke



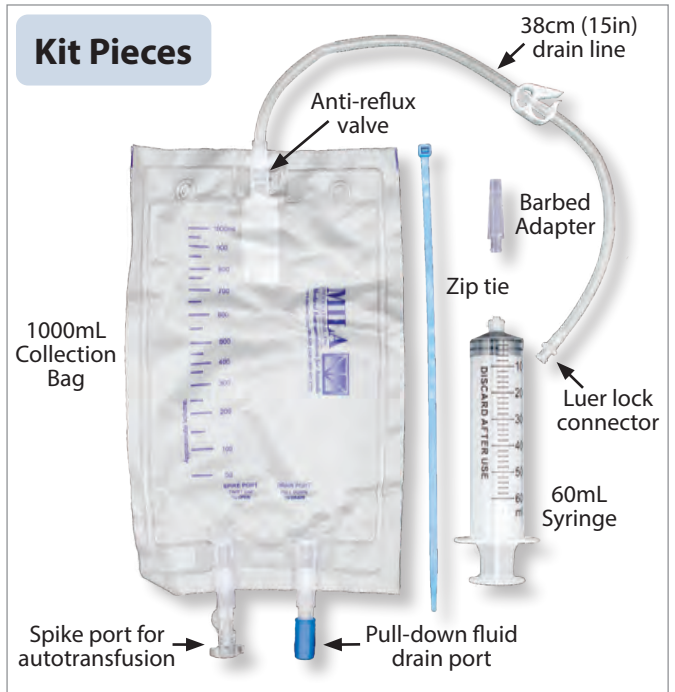
MILA Associate Pet  
Scrappy

# Centesis Collection Kits

**Pull out of the patient  
and push into the bag.  
That's it!**

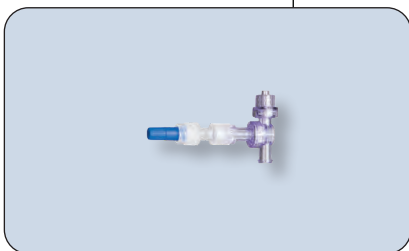


- Unique valve allows aspiration and evacuation without disconnecting the syringe and without turning a stopcock. SAVES TIME AND AVOIDS MISTAKES
- Use as a chest tube adapter to avoid risks associated with three-way stopcocks
- Use for chest tap, belly tap or anytime you want to remove a large volume of air or fluid
- See pages 120-121 for information on use for AUTOTRANSFUSION
- Collection Kits include:
  1. 1000mL collection bag with anti-reflux valve, 38cm/15in drain line with luer lock, pull-down drain port, and spike port for autotransfusion
  2. Centesis adapter
  3. Female luer lock barbed adapter included for connection to funnel hub tubes or those with an inner diameter of 8mm to 10mm that fits 20-40Fr flared tubes
  4. 60mL syringe
  5. Zip tie
- Centesis adapters also sold individually - see next page



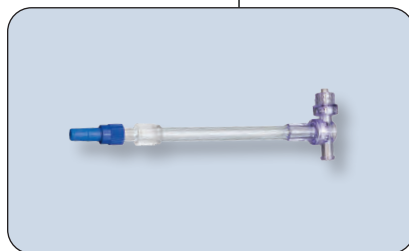
DESCRIPTION	ITEM #
Centesis <b>KIT</b> with Spin Luer Lock	175440
Centesis <b>KIT</b> with 12cm (5in) Adapter	175450
Centesis <b>KIT</b> with 40cm (16in) Adapter	175460

175440 - Kit



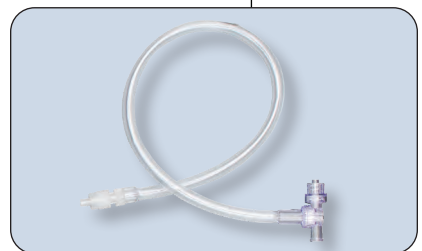
Included Adapter

175450 - Kit



Included Adapter

175460 - Kit



Included Adapter

# Centesis Adapters Adapter Only



## DESCRIPTION

DESCRIPTION	ITEM #
Centesis <b>ADAPTER ONLY</b> with Spin Luer Lock	175440NB
Centesis <b>ADAPTER ONLY</b> with total Length 12cm (5in)	175450NB
Centesis <b>ADAPTER ONLY</b> with total Length 40cm (16in)	175460NB

175440NB - Adapter only



175450NB - Adapter only

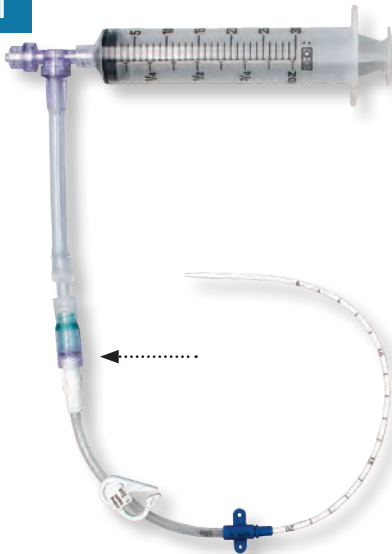


175460NB - Adapter only



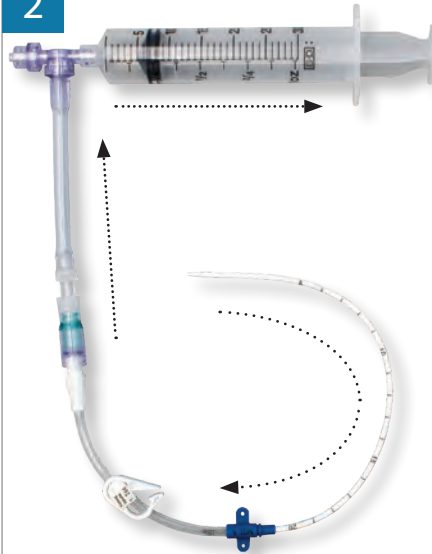
## How the Automatic 3-Way Works:

1



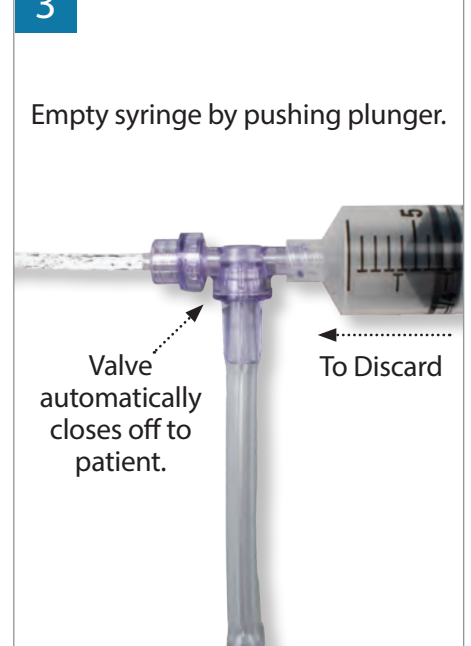
Attach chest tube or centesis catheter.

2



Aspirate fluid/air from the patient by pulling back on syringe.

3



Empty syringe by pushing plunger.

Valve automatically closes off to patient.

To Discard

# STIMPOD 450X for Nerve Location and Neuromuscular Block Monitoring

A nerve stimulation device designed to be used by a specifically trained anesthetist during:

**GENERAL ANESTHESIA** to establish efficacy of a neuromuscular blocking agent using noninvasive surface electrodes (not sold by MILA)

OR

**REGIONAL ANESTHESIA** for nerve mapping using the noninvasive mapping probe (sold separately) and/or nerve locating using invasive electrodes (not sold by MILA) or needles (sold separately)



NB-STIM

### STIMPOD (Item #NB-STIM):

- Adjustable current, pulse width, and twitch frequency
- Visual and audible feedback is given when the target current and pulse width ranges are reached indicating probable nerve proximity
- Displays real time waveforms of the currents delivered. Pause mode allows changing stimulus parameters without stimulating
- Non-linear current adjustment. User can pre-program 20 different current and pulse width settings

### NERVE MAPPING PROBE (Item #NBMP):

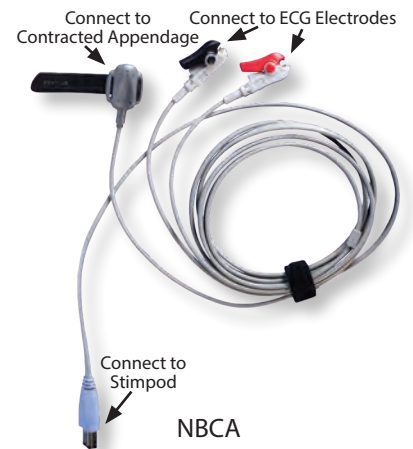
- This cable is used to activate the Nerve Mapping/Locating mode on the STIMPOD
- The red (anode) connector is designed to clip on to a standard ECG electrode
- The ergonomically designed cutaneous Nerve Mapping Probe presents the user with a simple and reliable Nerve Mapping solution
- The 2mm needle connector will accommodate the stimulating needles on the next page or various other makes of needles



NBMP

### TRI-AXIAL ACCELEROMETER (Item #NBCA):

- Provides real-time feedback of the strength of contraction of the affected limb (Train of Four, Double Burst and Post Tetanic Count modes only); the strength of each measured contraction is displayed graphically and the relevant ratios are calculated and displayed
- The red (anode) and black (cathode) connectors are designed to clip onto a standard ECG electrode
- The accelerometer is designed to attach to the contracted appendage



NBCA

### CROCODILE CLIP (Item #NBCC):

- Provides non-adhesive ground
- Gently and securely clips to patient's skin

#### Items needed for BASIC NERVE STIMULATION:

- STIMPOD (Item #NB-STIM)
- Nerve Mapping Probe (Item #NBMP)
- Stimulating Needles (Item #NB2205, NB2108, or NB2110)

Crocodile Clip is also needed but is included with item #NBMP.

### DESCRIPTION

DESCRIPTION	ITEM #
Stimpod NMS450X Stimulator with Carry Case	NB-STIM
Nerve Location and Mapping Probe Cable (Crocodile Clip included)	NBMP
Tri-axial Accelerometer (Crocodile Clip included)	NBCA
Crocodile Clip for non-adhesive ground	NBCC



NBCC

## Stimulating Echogenic Needles

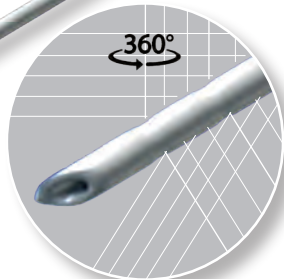
Stimulating echogenic nerve block needles are for acute pain management and to help increase overall nerve block success. Use with or without ultrasound guidance.

- 2mm pin connector is compatible with MILA Stimpod and most nerve stimulators
- Port to administer local anesthetic with a syringe
- Insulated needle cannula with a stimulating tip allows for needle guidance using stimulation
- B-Bevel, echo needle tip designed to increase visibility under ultrasound guidance
- Centimeter markings on the outer cannula to facilitate precise depth placement

SIZE	LENGTH	ITEM #
22Ga	5cm (2in)	NB2205
21Ga	8cm (3.1in)	NB2108
21Ga	10cm (4in)	NB2110



B-Bevel echogenic needle



## Echogenic Needles for Ultrasound

Echogenic needles feature 360° dimple reflectors at the distal end that create a more defined ultrasound image from any angle without compromising puncture characteristics.

### NERVE BLOCK NEEDLES

- For locoregional anesthesia
- Clear needle tip visualization under ultrasound for safe and precise needle placement
- Needle bevel is 30° back-cut

SIZE	LENGTH	ITEM #
21Ga	8cm (3.125in)	E2103
21Ga	10cm (4in)	E2104



30° Back Cut bevel



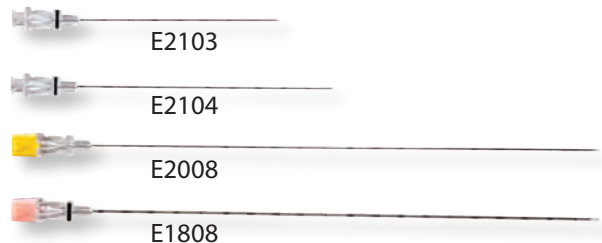
### MSK/SPINAL NEEDLES

- Use for musculoskeletal and spinal injections
- Clear needle tip visualization under ultrasound for safe and precise needle placement
- Quincke style needle bevel designed for dural punctures

SIZE	LENGTH	ITEM #
20Ga	20cm (8in)	E2008
18Ga	20cm (8in)	E1808



Quincke bevel





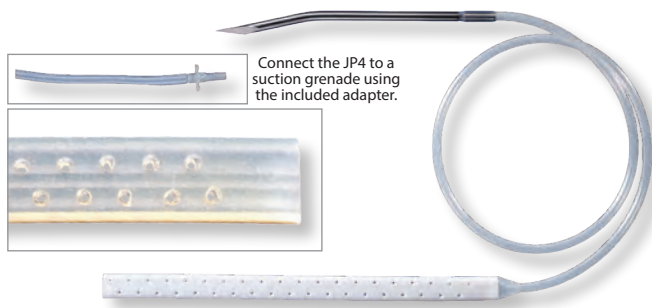
## Jackson Pratt Drain with Trocar

- Silicone radiopaque drain with full-length fenestrations
- Length of drain area is 20cm (8in), overall length is 80cm (32in)
- Item #JP4 includes an adapter to connect to a suction grenade; all other sizes can connect directly to suction grenade
- Length adjustable - both ends can be cut

DRAIN	TROCAR	ITEM #
4.5mm	8Fr (2.7mm)	*JP4
7mm	15Fr (5.0mm)	JP7
10mm	15Fr (5.0mm)	JP10
13mm	16Fr (5.3mm)	JP13

Select a suction grenade (next page) to complete the CLOSED system.

\*Includes adapter



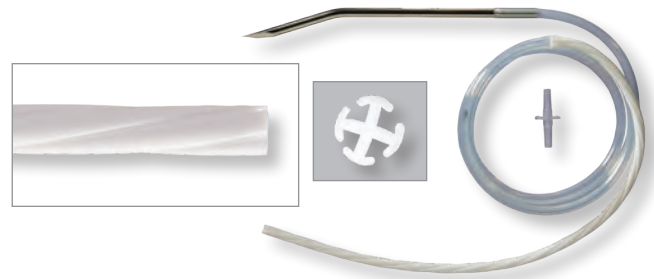
Connect the JP4 to a suction grenade using the included adapter.

## Spiral Drain with Trocar

- Design of drain allows for maximum drainage while taking up less space than other drains
- Silicone, radiopaque, round, spiral fluted drain
- Length of spiral drain area is 30cm (12in), overall length is 90cm (36in)
- All sizes include a double luer adapter for connecting the drain to a suction grenade; item numbers SP07 and SP10 also include tubing with the adapter
- Length adjustable - both ends can be cut

DRAIN	TROCAR	ITEM #
7Fr (2.4mm)	8Fr (2.5mm)	SP07
10Fr (3.2mm)	11Fr (3.5mm)	SP10
12Fr (4.0mm)	12Fr (4.0mm)	SP12
15Fr (5.0mm)	15Fr (5.0mm)	SP15
19Fr (6.3mm)	19Fr (6.3mm)	SP19

Select a suction grenade (next page) to complete the CLOSED system.

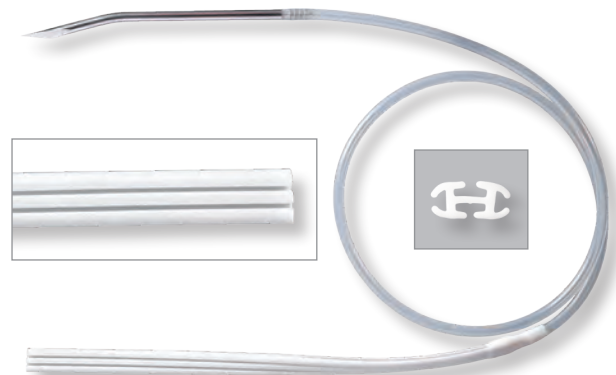


## Blake Drain with Trocar

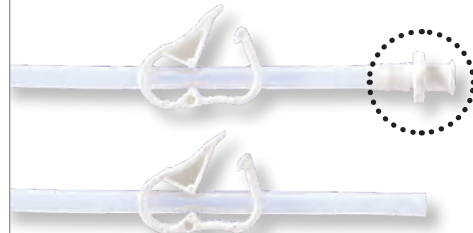
- Design of drain allows fluid to move through channels; the only suction is at the proximal end of the channels, so OMENTUM DOES NOT STICK
- Silicone, radiopaque fluted drain
- Length of drain area is 20cm (8in), overall length is 80cm (32in)
- Ideal for peritoneal dialysis - see collection bag kits on p.46
- Length adjustable - both ends can be cut

DRAIN	TROCAR	ITEM #
8mm	16Fr (5.3mm)	BL8
11mm	16Fr (5.3mm)	BL11

Select a suction grenade to on the next page for continuous suction.



Use optional female luer to connect to collection bag for peritoneal dialysis. See collection bag kit options on page 46.



Connect directly to suction grenade for gentle, continuous suction. See next page.

## Surgical Suction Grenade

- Low-pressure design provides continuous gentle suction and minimizes tissue trauma
- Push the proximal end of any MILA surgical drain onto the bulb port, squeeze to remove air, and replace the cap to create a closed collection system
- Attach to any drain - Blake, Jackson Pratt, and Spiral
- Luer lock cap for secure closure and syringe emptying on the 100, 150, and 200mL; 400mL has a push-on cap
- Volume markings for easy measurement
- Internal anti-reflux valve to prevent backflow of fluid to the patient
- Metal clip for secure attachment

Push on Cap (G400 only)

Luer Lock Cap



DESCRIPTION	ITEM #
100mL	G100
150mL	G150
200mL	G200
400mL	G400

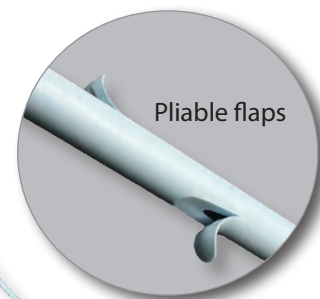


## MILA Biliary Stent

- Flaps reduce risk of migration but are pliable enough for removal via manual or endoscopic traction
- PEBAX material provides rigidity required for placement and pliability for natural positioning
- Radiopaque material enhances fluoroscopic visibility

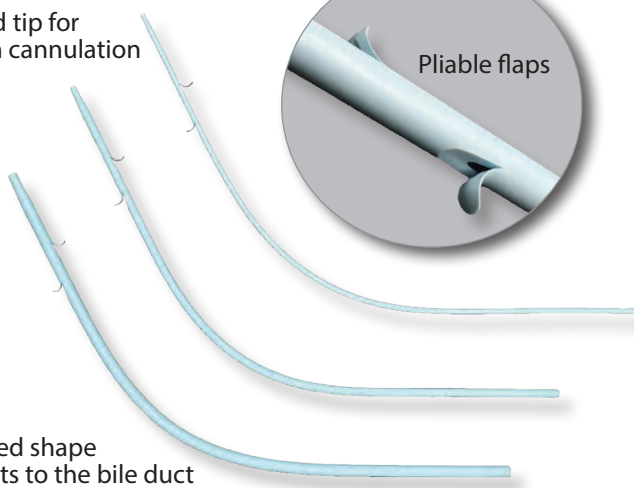
SIZE	LENGTH	ITEM #
5Fr	15cm (6in)	BS515
7Fr	15cm (6in)	BS715
10Fr	15cm (6in)	BS1015

Tapered tip for smooth cannulation



Pliable flaps

Curved shape adapts to the bile duct



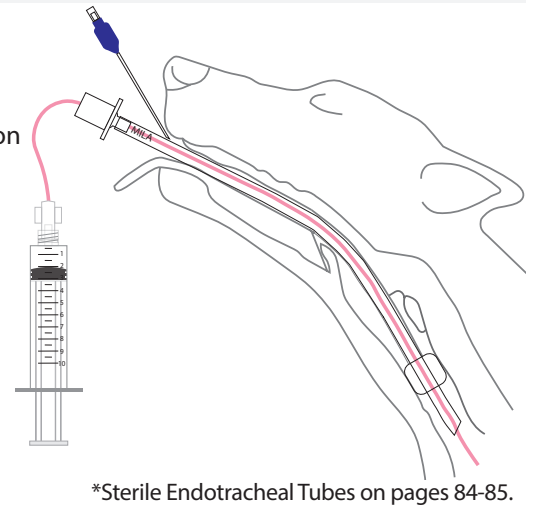
Non-tapered end can be cut to precise length for proper sizing

# Tracheal Wash & Bronchoalveolar Lavage (BAL) – Small Animal

## Blind Method (Tube through Sterile Endotracheal Tube)

- Radiopaque
- Rounded, closed tip with eyelets
- Smooth, polished surface inside and out
- Centimeter markings on 8Fr sizes for precise depth placement
- Does not completely obstruct the ET tube and allows some space for ventilation using the SC15MM

Use optional adapter, item #SC15MM (see page 92), to ventilate while obtaining sample.



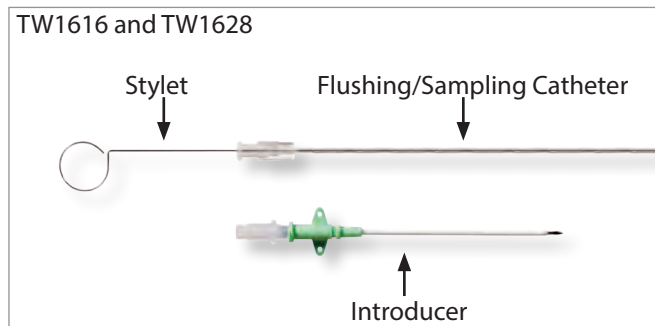
\*Sterile Endotracheal Tubes on pages 84-85.

ET TUBE ID	ET TUBE LENGTH	MILA ET TUBE	ITEM #	SIZE	LENGTH	ITEM #
2.0mm	< 16.5cm	ETC20	use sampling catheter:	3.5Fr	40cm (16in)	PP316
2.5-4.5mm	< 27cm	ETC25R-ETC45R	use sampling catheter:	5Fr	40cm (16in)	PP516
5.0-10.0mm	< 38.5cm	ETC50R-ETC100R	use sampling catheter:	8Fr	55cm (22in)	PP822
10.0-11.0mm	< 57.5cm	ETC1055, ETC1155	use sampling catheter:	8Fr	108cm (42in)	PP842
Double Swivel ET Tube Adapter		*****Fits all endotracheal tubes with 15mm connectors*****				SC15MM

## Transtracheal Technique: Medium to Large Dogs

Catheter-over-needle insertion method. The semi-rigid flushing catheter has a stiffening stylet and luer adapter. The flushing catheter is packaged in a protective sleeve to allow aseptic handling (sterile gloves not required.)

TW1616 and TW1628



### MEDIUM/LARGE DOGS

SIZE	LENGTH	INTRODUCER	ITEM #
16Ga	41cm (16in)	14Ga	TW1616
16Ga	70cm (28in)	14Ga	TW1628

### Recommended Accessory

DESCRIPTION	ITEM #
Three-way with luer lock (10 pack)	2405

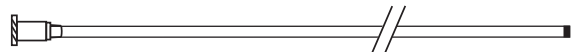


2405

Connect to tracheal wash for easy flushing and aspirating

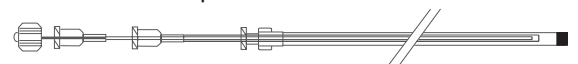
## Endoscopic Guided BAL: Small and Large Animal

Single lumen catheter with female luer lock for medication delivery and sampling at any site accessible by endoscope. To maintain sterility during advancement, these sets contain a water soluble plug in the distal end.



OD	LENGTH	SCOPE CHANNEL SIZE	ITEM #
2.3mm	190cm (76in)	2.5mm	EDC190
1.8mm	200cm (79in)	2.0mm	EDC200
2.3mm	220cm (88in)	2.5mm	EDC220
2.3mm	400cm (160in)	2.5mm	EDC400

Two and three lumen sampling catheters enable a sterile specimen retrieval via an endoscope. To maintain sterility during placement, the outer catheter has a glycol plug in the tip. Once in place, the inner catheter is advanced, pushing out the glycol plug, then further advanced for retrieval of the sterile specimen.



### TWO STAGE CATHETERS

OD	LENGTH	SCOPE CHANNEL SIZE	ITEM #
1.8mm	190cm (76in)	2.0mm	EMAC700
1.8mm	250cm (100in)	2.0mm	EMAC700L

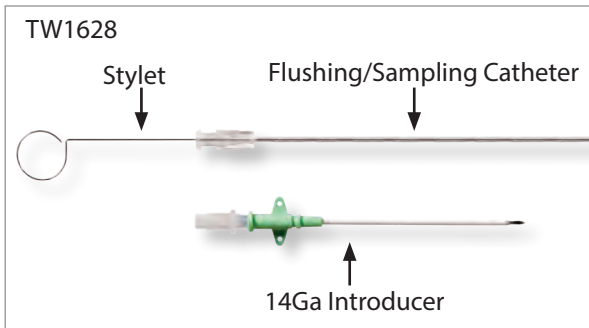
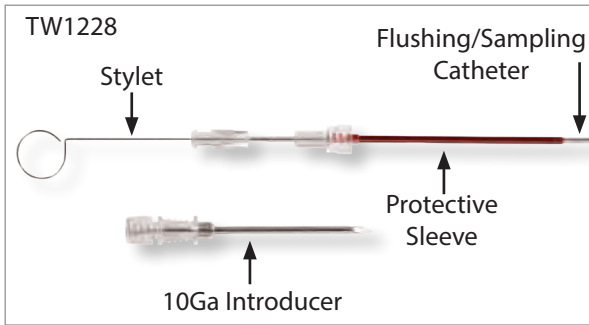
### TRIPLE STAGE CATHETERS

OD	LENGTH	SCOPE CHANNEL SIZE	ITEM #
2.3mm	190cm (76in)	2.5mm	EMAC800

# Tracheal Wash & Bronchoalveolar Lavage (BAL) – Large Animal

## Transtracheal Technique: Large Dogs, Neonate Foals, Horses

Catheter-over-needle insertion method for direct puncture into the trachea. The semi-rigid flushing catheter has a stylet and luer adapter. The flushing catheter is packaged in a protective sleeve to allow aseptic handling (sterile gloves not required.)



### HORSES/FOALS

SIZE	LENGTH	INTRODUCER	ITEM #
12Ga	70cm (28in)	10Ga	TW1228

### NEONATE FOALS/LARGE DOGS

SIZE	LENGTH	INTRODUCER	ITEM #
16Ga	70cm (28in)	14Ga	TW1628

### Recommended Accessory

DESCRIPTION	ITEM #
Three-way with luer lock (10 pack)	2405



2405

Connect to tracheal wash for easy flushing and aspirating

## Bronchoalveolar Lavage (BAL)

- Open-end, silicone, radiopaque, heavy wall tube for lavage via the nasotracheal route
- Distal 30mL balloon cuff can be inflated to prevent retrograde fluid flow around the tube and help stabilize placement
- Both aspiration and irrigation syringes can be attached to the stopcock at the same time (one stopcock included)
- Sterilization with Ethylene Oxide (EO) gas is recommended for reuse - replacement 3-way stopcock (item #2400) is required



SIZE	OD	ID	LENGTH	ITEM #
24Fr	8mm	2.5mm	200cm (79in)	BAL200
30Fr	10mm	2.5mm	240cm (96in)	BAL240
30Fr	10mm	2.5mm	300cm (120in)	BAL300

### Recommended Accessories

DESCRIPTION	ITEM #
Replacement Stopcock (10 pack)	2400
Controlled Flushing Set - to administer flush aliquots from a IV bag rather than multiple syringes. - see page 114	CFS36



CFS36

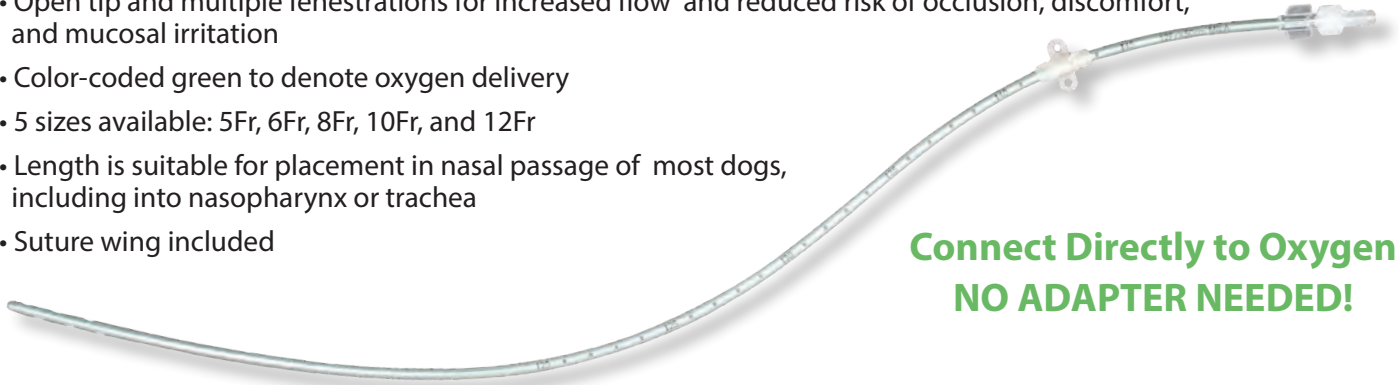


2400

# Nasal Oxygen Catheters

**Efficient, DIRECT oxygen delivery without the hassle.**

- Kink-resistant polyurethane tube with radiopaque stripe and centimeter measurement markings
- Open tip and multiple fenestrations for increased flow and reduced risk of occlusion, discomfort, and mucosal irritation
- Color-coded green to denote oxygen delivery
- 5 sizes available: 5Fr, 6Fr, 8Fr, 10Fr, and 12Fr
- Length is suitable for placement in nasal passage of most dogs, including into nasopharynx or trachea
- Suture wing included



**Connect Directly to Oxygen  
NO ADAPTER NEEDED!**

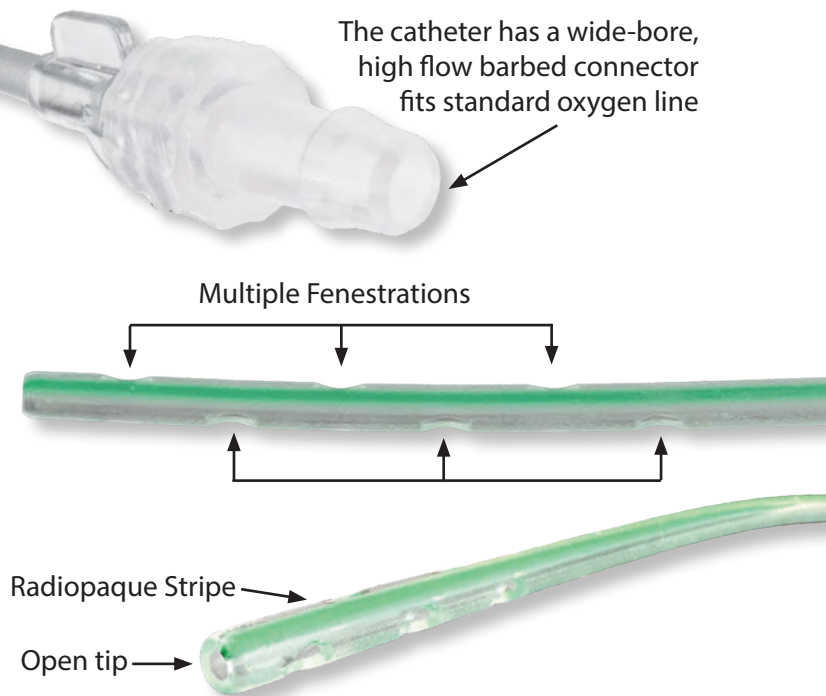
SIZE	LENGTH	ITEM #
5Fr	39cm (16in)	OC516
6Fr	39cm (16in)	OC616
8Fr	50cm (20in)	OC820
10Fr	50cm (20in)	OC1020
12Fr	50cm (20in)	OC1220



The catheter has a wide-bore, high flow barbed connector fits standard oxygen line



The nasal oxygen catheter is made of a soft, polyurethane material that is more comfortable for the patient.



### Labels included

to properly identify oxygen delivery line



MILA Associate Pet  
Skyler



MILA Associate Pets  
Zoey & Bella



MILA Associate Pet  
Daisy



MILA Associate Pet  
Cotton



## Non-Cuffed Endotracheal Tubes

- Silicone material - MRI compatible
- Radiopaque
- Wire stylet included
- Sterile
- Reusable - Ethylene Oxide (EO) sterilization recommended

ID	OD	SIZE	LENGTH	ITEM #
1.0mm	1.5mm	4.5Fr	10cm	ETN10
1.5mm	2.0mm	6Fr	10cm	ETN15



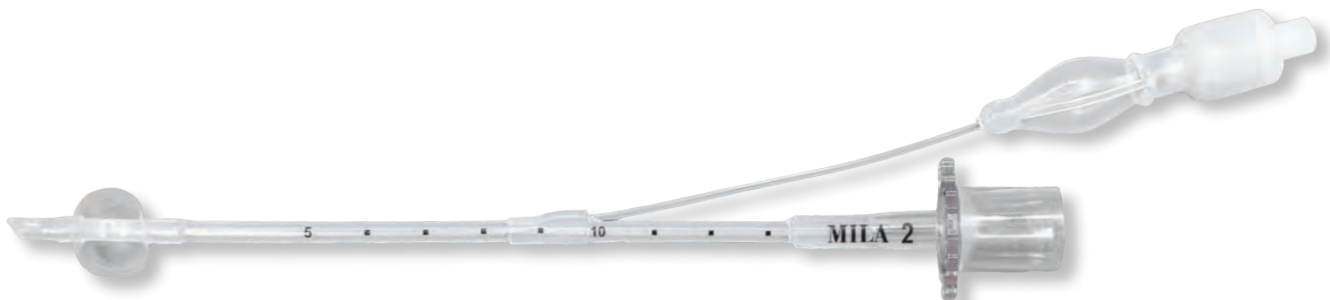
Proximal fitting accepts a 15mm adapter.

## Cuffed Endotracheal Tubes



- Silicone material - MRI compatible
- Sizes 22Fr - 51Fr ideal for foals, llamas, and pigs
- Sterile
- Reusable - Ethylene Oxide (EO) sterilization recommended

ID	OD	SIZE	LENGTH	ITEM #
2.0mm	4.0mm	12Fr	14cm (5.5in)	ETC20
5.0mm	7.3mm	22Fr	55cm (22.5in)	ETC555
6.0mm	8.7mm	26Fr	55cm (22.5in)	ETC655
7.0mm	10.0mm	30Fr	55cm (22.5in)	ETC755
8.0mm	11.3mm	34Fr	55cm (22.5in)	ETC855
9.0mm	12.7mm	38Fr	55cm (22.5in)	ETC955
10.0mm	14.0mm	42Fr	55cm (22.5in)	ETC1055
11.0mm	15.7mm	47Fr	55cm (22.5in)	ETC1155
12.0mm	17.0mm	51Fr	55cm (22.5in)	ETC1255



ETC20



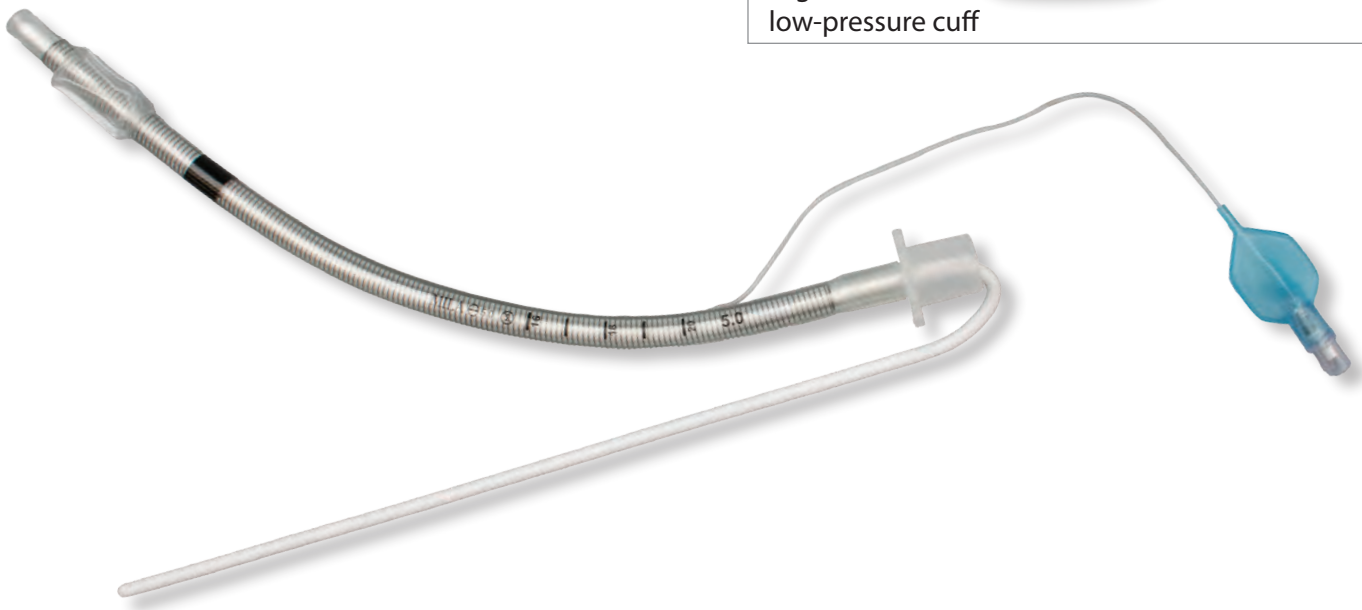
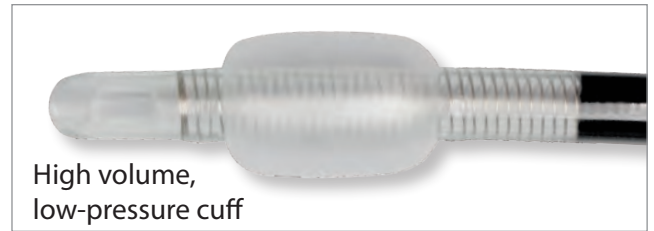
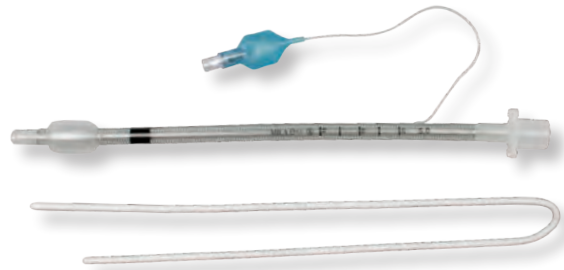
ETC555 - ETC1255

## Cuffed Reinforced Endotracheal Tubes with Malleable Stylet

- Reinforced with embedded wire coils to provide safe, NON-KINKING airway regardless of patient position
- Constructed of medical grade, non-toxic PVC material for easier placement
- Malleable stylet included for increased rigidity and variable shape
- Latex-free
- High volume, low-pressure cuff
- Radiopaque
- Fully transparent
- Atraumatic bevel tip with lateral Murphy eye
- All sizes include universal 15mm connector
- Reusable - Ethylene Oxide (EO) sterilization recommended

ID	OD	SIZE	LENGTH	ITEM #
2.5mm	5.5mm	16Fr	24cm (9.5in)	*ETC25R
3.0mm	6.0mm	18Fr	24cm (9.5in)	ETC30R
3.5mm	6.5mm	19Fr	24cm (9.5in)	ETC35R
4.0mm	7.0mm	21Fr	24cm (9.5in)	ETC40R
4.5mm	7.5mm	22Fr	27cm (10.5in)	ETC45R
5.0mm	8.4mm	25Fr	27cm (10.5in)	ETC50R
5.5mm	8.9mm	27Fr	27cm (10.5in)	ETC55R
6.0mm	9.4mm	28Fr	33cm (13in)	ETC60R
6.5mm	9.9mm	30Fr	33cm (13in)	ETC65R
7.0mm	10.4mm	31Fr	33cm (13in)	ETC70R
7.5mm	10.9mm	33Fr	33cm (13in)	ETC75R
8.0mm	11.4mm	34Fr	33cm (13in)	ETC80R
8.5mm	11.9mm	36Fr	34cm (13.4in)	ETC85R
9.0mm	12.4mm	37Fr	34cm (13.4in)	ETC90R
9.5mm	12.9mm	39Fr	34cm (13.4in)	ETC95R
10.0mm	13.4mm	40Fr	34cm (13.4in)	ETC100R

\*stylet not included



## EXTRA LONG Silicone Cuffed Endotracheal/Nasotracheal Tubes with 15mm Connector

The MILA Cuffed Silicone Endotracheal Tubes are appropriate for both oral and nasal intubation. The inflated balloon cuff creates a seal for pressurized assisted ventilation.

- Medical grade, transparent silicone
- Murphy eye with beveled radiopaque tip
- Reinforced seal around balloon pilot lines for increased durability
- Reusable - Ethylene Oxide (EO) sterilization recommended
- Non-sterile
- All sizes include universal 15mm connector

**Ideal for nasotracheal intubation in equids and smaller camelids**



ID	OD	SIZE	LENGTH	ITEM #
7mm	12mm	36Fr	70cm (27.5in)	ETCZ-7
9mm	14mm	42Fr	70cm (27.5in)	ETCZ-9
11mm	16mm	48Fr	70cm (27.5in)	ETCZ-11
12mm	17mm	51Fr	70cm (27.5in)	ETCZ-12
14mm	19mm	57Fr	70cm (27.5in)	ETCZ-14

## EXTRA LONG Silicone Cuffed Endotracheal/Nasotracheal Tubes with Funnel Hub

The MILA Cuffed Silicone Endotracheal Tubes are appropriate for both oral and nasal intubation. The inflated balloon cuff creates a seal for pressurized assisted ventilation.

- Medical grade, transparent silicone
- Murphy eye with beveled radiopaque tip
- Reinforced seal around balloon pilot lines for increased durability
- Reusable - Ethylene Oxide (EO) sterilization recommended
- Non-sterile
- Silicone funnel type hub designed to fit most large animal breathing systems

**Ideal for nasotracheal intubation in equids and smaller camelids**



ID	OD	SIZE	LENGTH	ITEM #
12mm	17mm	51Fr	70cm (27.5in)	ETCZ-12-F
14mm	19mm	57Fr	70cm (27.5in)	ETCZ-14-F

# ET Tube Sizing Chart

## Nasal Intubation

Patient Weight (kg)	ETT Size (mm ID)	ETT Length (cm)	Species Examples	MILA Item Number
40-50	7	70	Neonatal Foal	ETCZ-7
50-90	9	70	Foal	ETCZ-9
90-110	11	70	Foal	ETCZ-11
110-180	12	70	Foal	ETCZ-12/ETCZ-12-F
180-250	14	70	Equids	ETCZ-14/ETCZ-14-F

## Oral Intubation

Patient Weight (kg)	ETT Size (mm ID)	ETT Length (cm)	Species Examples	MILA Item Number
20-40	7	70	Mini-horse foal, pony foal	ETCZ-7
<30 kg	7	70	Domestic Bovine Calf, Goats, Sheep	ETCZ-7
30-40	9	70	Domestic Bovine Calf, Goats, Sheep	ETCZ-9
40-50	9	70	Mini-horse foal, pony foal, foal	ETCZ-9
40-60	11	70	Domestic Bovine Calf, Goats, Sheep	ETCZ-11
50-60	11	70	Mini-horse, pony, foal	ETCZ-11
60-70	12	70	Mini-horse, pony, foal	ETCZ-12/ETCZ-12-F
60-100	12	70	Domestic Bovine Calf, Goats, Sheep	ETCZ-12/ETCZ-12-F
80-125	14	70	Equids (Horses, Donkeys, Ponies, Mules, Zebras)	ETCZ-14/ETCZ-14-F
100-150	14	70	Domestic Bovine Calf, Goats, Sheep	ETCZ-14/ETCZ-14-F



## Large Animal Cuffed Silicone Endotracheal Tubes with Distal End Sample Port

The MILA Cuffed Silicone Endotracheal Tubes are used to deliver assisted ventilation and anesthetic gases. The inflated balloon cuff creates a seal for pressurized assisted ventilation. The sampling port provides access below the cuff for more accurate measurement of inhaled and exhaled gas concentrations when connected to a gas analyzer. See photo below.

- Medical grade, transparent silicone
- Funnel hub designed to fit most large animal breathing systems
- Murphy eye and beveled, radiopaque tip
- Reinforced seal around sampling and pilot lines for increased durability
- Three sampling points below the cuff
- Tethered cap included on sampling port to keep clean and free of debris when not in use
- Non-sterile
- Reusable - Ethylene Oxide (EO) sterilization recommended

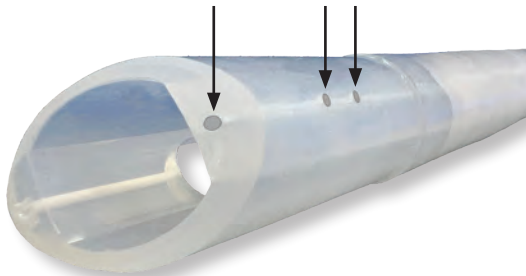


Funnel Hub designed to connect best to Wye adapters

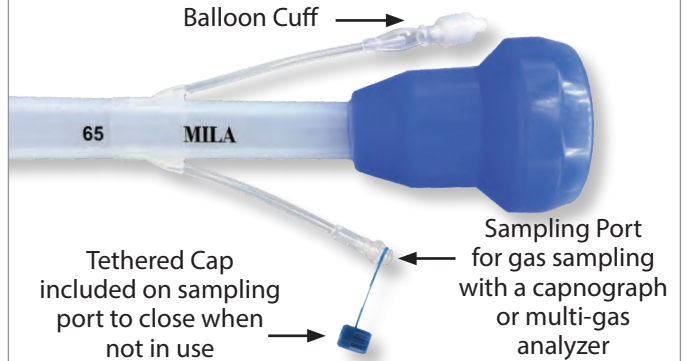
ID	OD	LENGTH	ITEM #
16mm	22mm	70cm (27.5in)	LAET16
18mm	24mm	75cm (29.5in)	LAET18
20mm	26mm	90cm (35.4in)	LAET20
22mm	30mm	90cm (35.4in)	LAET22
24mm	32mm	100cm (39.4in)	LAET24
26mm	35mm	100cm (39.4in)	LAET26
28mm	39mm	100cm (39.4in)	LAET28
30mm	42mm	100cm (39.4in)	LAET30



Three distal fenestrations for most accurate sampling of inspired and expired gases and fluid accumulated below the cuff.



Inflation Port and Pilot for Balloon Cuff



Tethered Cap included on sampling port to close when not in use

Sampling Port for gas sampling with a capnograph or multi-gas analyzer

# ET Tube Sizing Chart

## Nasal Intubation

Patient Weight (kg)	ETT Size (mm ID)	ETT Length (cm)	Species Examples	MILA Item Number
250-350	16	70	Equids	LAET16
350-450	18	75	Equids	LAET18
450-600	20	90	Equids	LAET20
600-800	22	90	Equids	LAET22
> 800	24	100	Equids	LAET24

## Oral Intubation

Patient Weight (kg)	ETT Size (mm ID)	ETT Length (cm)	Species Examples	MILA Item Number
125-150	16	70	Equids (Horses, Donkeys, Ponies, Mules, Zebras)	LAET16
150-180	16	70	Domestic Bovine	LAET16
150-200	18	75	Equids (Horses, Donkeys, Ponies, Mules, Zebras)	LAET18
180-200	18	75	Domestic Bovine	LAET18
200-300	20	90	Domestic Bovine, Equids (Horses, Donkeys, Ponies, Mules, Zebras)	LAET20
300-400	22	90	Domestic Bovine, Equids (Horses, Donkeys, Ponies, Mules, Zebras)	LAET22
400-500	24	100	Domestic Bovine	LAET24
400-550	24	100	Equids (Horses, Donkeys, Ponies, Mules, Zebras)	LAET24
500-600	26	100	Domestic Bovine	LAET26
550-700	26	100	Equids (Horses, Donkeys, Ponies, Mules, Zebras)	LAET26
600-800	28	100	Domestic Bovine	LAET28
700-800	28	100	Equids (Horses, Donkeys, Ponies, Mules, Zebras)	LAET28
800-1000	30	100	Domestic Bovine	LAET30
800-1200	30	100	Equids (Horses, Donkeys, Ponies, Mules, Zebras)	LAET30

# Non-Cuffed Silicone RECOVERY TUBE Dual Lumen for OXYGEN

- Designed to provide supplemental oxygen to prevent or treat hypoxia during post-anesthesia recovery
- Full range of sizes for all equids
- Cuffless, dual lumen tube with side port to attach oxygen gas line; directs oxygen to the tip of the tube
- Murphy eye and beveled, radiopaque tip
- Reinforced seal around oxygen line for increased durability
- Funnel type silicone hub designed to fit most breathing systems
- Non-sterile
- Reusable - Cold sterilization or Ethylene Oxide (EO) sterilization recommended

ID	OD	LENGTH	OXYGEN LUMEN	ITEM #
11mm	16mm	60cm (27.5in)	8Fr	RT1160
14mm	19mm	60cm (29.5in)	8Fr	RT1460
16mm	22mm	70cm (35.4in)	8Fr	RT1670
18mm	24mm	75cm (35.4in)	8Fr	RT1875
20mm	26mm	80cm (39.4in)	12Fr	RT2080

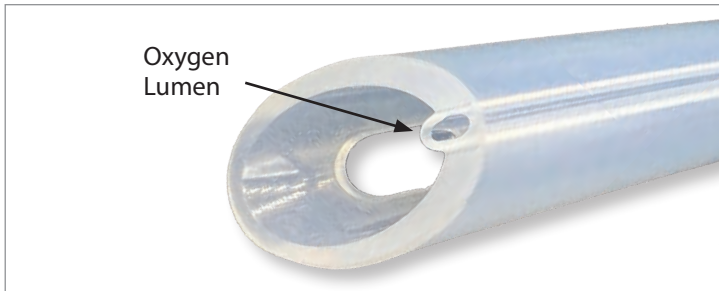


Photo courtesy of University of Pennsylvania, SVM

## Recovery Tube Sizing Chart

Patient Weight (kg)	Size (mm ID)	Length (cm)	Species Examples	MILA Item Number
125-250	11	60	Equids (Horses, Donkeys, Ponies, Mules, Zebras)	RT1160
150-350	14	60	Equids (Horses, Donkeys, Ponies, Mules, Zebras)	RT1460
350-500	16	70	Equids (Horses, Donkeys, Ponies, Mules, Zebras)	RT1670
500-700	18	75	Horses	RT1875
> 700	20	80	Horses	RT2080
> 900 (may place one tube in each nostril)	20	80	Draft Horses	RT2080



## Low Dead Space Endotracheal Tube Adapter with Luer Sampling Port

- 15mm connector with luer lock sampling side port to replace standard 15mm adapter on endotracheal tubes
- Reduced inner diameter decreases the mechanical dead space and subsequent CO<sub>2</sub> rebreathing
- Allows for administration of medications and surfactants as well as monitoring of pressure and gas

ID	ITEM #
2.5mm	ETA25
3.0mm	ETA30
3.5mm	ETA35
4.0mm	ETA40
5.0mm	ETA50

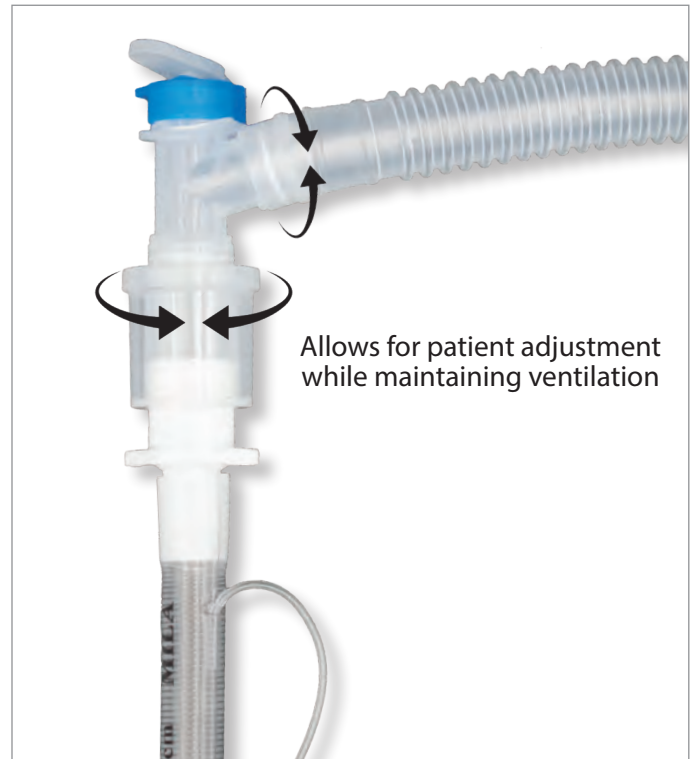


## Double Swivel Endotracheal Tube Connector with Capped Port

Multi-axial rotation allows for patient adjustment and manipulation with reduced risk of ET tube movement while maintaining ventilation.

- Integrated access port for bronchoscopy, BAL, and suction without circuit disconnection
- Maintains seal around scope during bronchoscopy procedure; seal accepts bronchoscope diameters from 3.4 to 5.9mm
- 360° Double Swivel Feature - both the male and female 15mm connectors allow greater patient maneuverability between endotracheal tube and anesthesia circuit

DESCRIPTION	ITEM #
Double Swivel ET Tube Adapter	SC15MM



## Atomizer/Throat Sprayer

Use to deliver atomized topical anesthetic into the upper airway to reduce sensation and reflexes that can be triggered by intubation, endoscopy, etc.

- Malleable, wire-reinforced tube for targeted deposition of medication
- Use a 3mL syringe for a minimum forecast distance of 10cm upon exiting the sprayer tip under 25kPa pressure to form an area of diameter of no less than 7cm



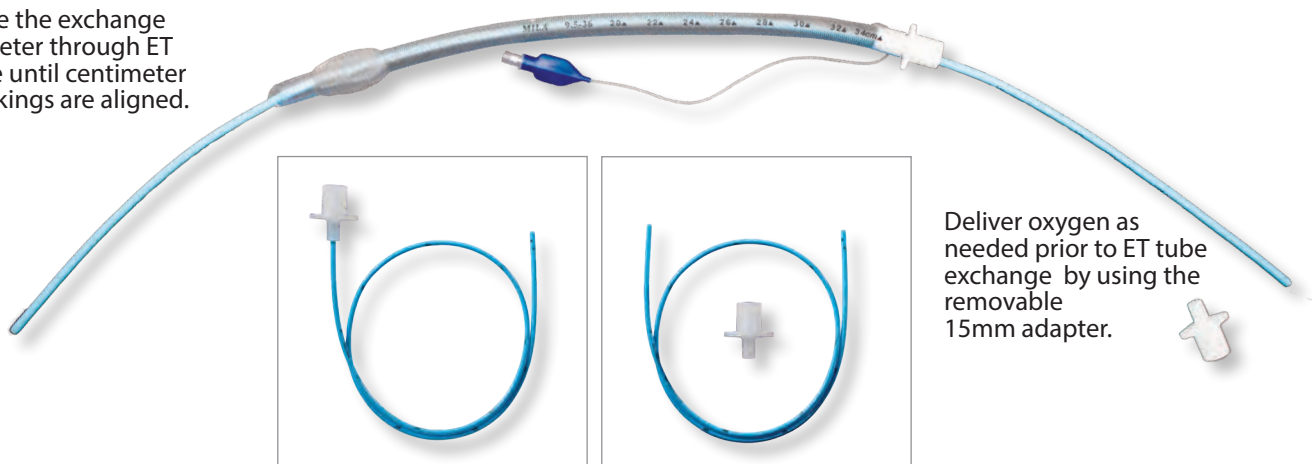
Atomize medication into a fine mist of 50-80 micron particles

TIP SIZE	LENGTH	PRIMING VOLUME	ITEM #
15Fr (4.7mm)	15cm (6.5in)	0.2mL	5380

## Airway/ET Tube Exchange Catheter

- For easier, atraumatic endotracheal tube exchange
- Useful for oxygenating during fluoroscopy - **not for ventilating the patient**
- 15mm adapter allows oxygen to be delivered temporarily - the adapter is removed in order to slide out the existing endotracheal tube and slide in the replacement tube
- Centimeter markings for alignment with endotracheal tube markings
- Polished, atraumatic, open-ended catheter with side-holes

Place the exchange catheter through ET tube until centimeter markings are aligned.



Deliver oxygen as needed prior to ET tube exchange by using the removable 15mm adapter.

SIZE	LENGTH	FITS TUBE SIZES (ID)	ITEM #
8Fr	80cm (32in)	larger than 3.0mm	ETE0880
10Fr	80cm (32in)	larger than 4.0mm	ETE1080
10Fr	150cm (60in)	larger than 4.0mm	ETE10150
15Fr	80cm (32in)	larger than 6.0mm	ETE1580

## Cuffed Tracheostomy Tube with 15mm Spinning Connector

- Low-Pressure Cuff
- Cloth Ties
- 15mm connection spins 360°, reducing the risk of tissue trauma or malposition when the ventilation tubing or patient is moved

ID	OD	LENGTH	ITEM #
3.5mm	4.8mm	40mm	TTC35
4.0mm	5.4mm	41mm	TTC40
4.5mm	6.1mm	42mm	TTC45
5.0mm	6.7mm	44mm	TTC50
5.5mm	7.4mm	46mm	TTC55



## Cuffed Tracheostomy Tube with Obturator

- Obturator for easy insertion
- Low-Pressure Cuff
- Cloth Ties

ID	OD	LENGTH	ITEM #
6.0mm	8.0mm	53mm	TTC60
6.5mm	8.7mm	55.5mm	TTC65
7.0mm	9.4mm	67mm	TTC70
7.5mm	10.1mm	73mm	TTC75
8.0mm	10.8mm	77mm	TTC80
8.5mm	11.5mm	80mm	TTC85
9.0mm	12.2mm	87mm	TTC90
9.5mm	12.9mm	93mm	TTC95
10.0mm	13.6mm	93mm	TTC100



## Non-Cuffed Tracheostomy Tube with 15mm Spinning Connector

- Cloth Ties
- 15mm connection spins 360°, reducing the risk of tissue trauma or malposition when the ventilation tubing or patient is moved

ID	OD	LENGTH	ITEM #
2.5mm	3.4mm	38mm	TTNC25
3.0mm	4.1mm	39mm	TTNC30
3.5mm	4.8mm	40mm	TTNC35
4.0mm	5.4mm	41mm	TTNC40
4.5mm	6.1mm	42mm	TTNC45
5.0mm	6.7mm	44mm	TTNC50
5.5mm	7.4mm	46mm	TTNC55



## Cuffed Tracheostomy Tube with Obturator and Inner Cannulas

Recommended choice when size permits because it includes TWO cannulas!



- Obturator for easy insertion
- Cannulas allow for cleaning without removing the trach tube
- The multiaxial flange allows the patient to move more easily without the risk of tissue trauma or tube dislodgement
- Kit components:
  1. TWO inner cannulas with 15mm connectors (allows for one to be in use while the other is being cleaned)
  2. Cleaning brush
  3. Cushioned strap with Velcro™ closures
  4. Cap



NOTE: Cuff can be left deflated, if necessary.

ID	OD	LENGTH	ITEM #
5mm	8.6mm	66mm	TTCIC50
6mm	9.2mm	71mm	TTCIC60
7mm	10.4mm	73mm	TTCIC70
8mm	11.4mm	76mm	TTCIC80

## Large Animal Cuffed Silicone Tracheostomy Tube

Full range of sizes for all equids

NEW!

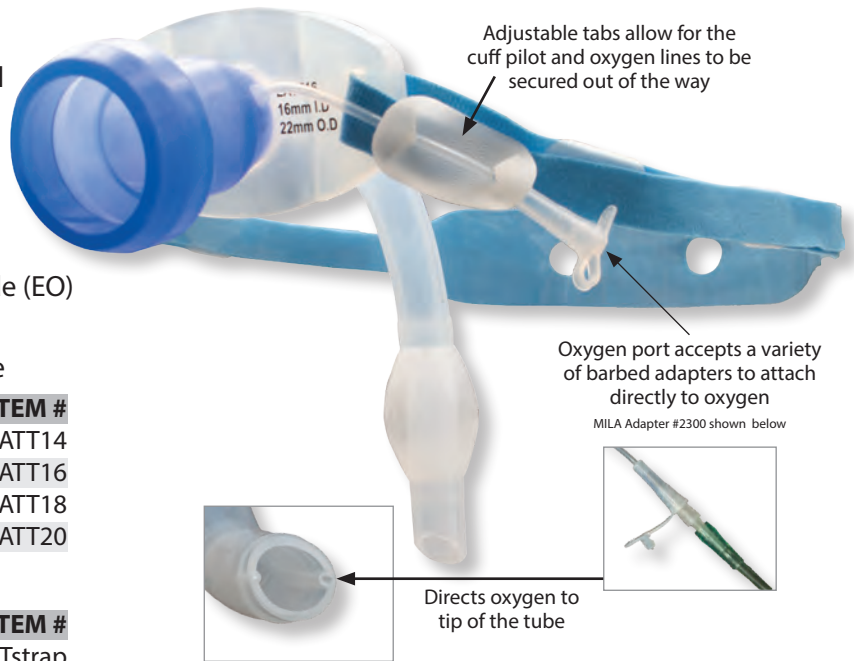
Designed to be durable and comfortable

- 8Fr oxygen lumen
- Funnel hub designed to fit most large animal breathing systems
- Medical grade transparent silicone
- Silicone flange for stabilization
- Non-sterile
- Reusable - Cold sterilization or Ethylene Oxide (EO) gas sterilization recommended
- Strap included - replacement straps available

SIZE	ID	OD	LENGTH	ITEM #
57Fr	14mm	19mm	28cm (11in)	LATT14
66Fr	16mm	22mm	29cm (11.4in)	LATT16
72Fr	18mm	24mm	29cm (11.4in)	LATT18
79Fr	20mm	26mm	29cm (11.4in)	LATT20

### Replacement Securing Strap:

DESCRIPTION	ITEM #
Length adjustable securing strap	LATTstrap



# Closed Medication System

## Protect Veterinary Healthcare Personnel



Safe, Simple, and Economical. The MILA Closed System Transfer Device is designed to fully protect veterinary healthcare personnel from exposure to hazardous drugs. The system is designed for safe handling of hazardous injectable drugs, optimizing safety, simplicity, and the cost of care. The use of a closed system transfer device in conjunction with other safety precautions is the standard for preparing, transporting, administering, and disposing of hazardous drugs.

The system includes a Closed Vial Access Adapter, Closed Male Luer Valve, Closed Female Luer Valve, and Infusion Access Device Spike and meets the following standards:

- US FDA 510(k) clearance under ONB Product Code (Closed System Transfer Devices)
- Mechanically prohibits the release of drugs in vapor, aerosol or liquid form during preparation and administration
- Prevents the introduction of microbial and airborne contaminants into the drug or fluid path
- Substantiated to prevent microbial ingress for up to 7 days



### Closed Vial Access Adapter

- Functions as a pressure equalization device, utilizing a sealed expansion chamber that establishes and maintains neutral pressure when air or diluent is injected into or aspirated from the vial
- Connects to 13mm and 20mm vials; permanently locks on to the vial to prevent disconnection and reduces exposure
- Use any luer lock syringe to access the vial; no need to prime syringe with non-filtered air
- Drip-free connection
- 0.11 mL priming volume
- Multi-use

Item #12-009, 13mm vial  
Item #12-010, 20mm vial



Swabable

Next generation product is yellow to indicate hazardous drugs combined with pending advanced efficacy claims in accordance to USP800.

### Closed Male Luer Valve

- Permanently attached to the luer lock syringe, preventing disconnection and risk of exposure
- Passive safety system that locks and closes the fluid path upon disconnection from vial adapter
- Drip-free disconnection
- 0.06mL priming volume
- Single-use

Item #12-007



### Closed Female Luer Valve

- Needle-free female luer connects onto any butterfly needle or catheter; designed to reduce exposure after drug infusion
- Drip-free disconnection
- 0.06mL priming volume
- Single-use

Item #12-004



Swabable

### Infusion Access Device Spike with Closed Female Luer

- Use with standard IV bags, glass bottles and other rigid containers
- IV spike with closed female luer for adding chemo drugs to bag or bottle
- Drip-free disconnection
- Single-use

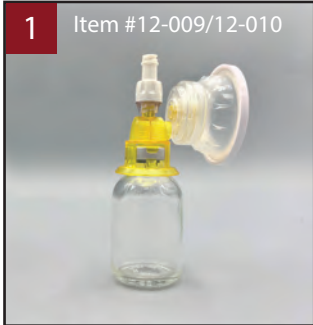
Item #12-008

Swabable



## Closed System Transfer Device - From Vial to Syringe

### How it Works:



Snap on vial adapter.



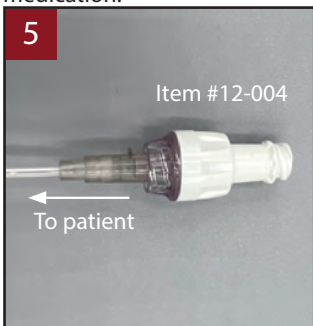
Connect male luer valve  
onto syringe.



Connect male luer valve  
to female luer valve on  
vial adapter and withdraw  
medication.



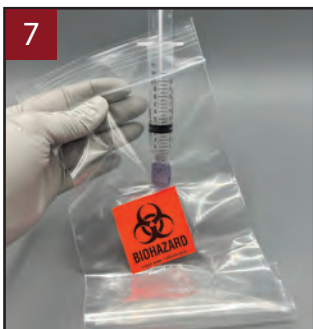
Disconnect syringe from vial  
adapter.



Connect female valve onto the  
patient's vascular device.



Connect syringe with male  
valve (12-007) onto female  
valve (12-004).  
Administer drug.

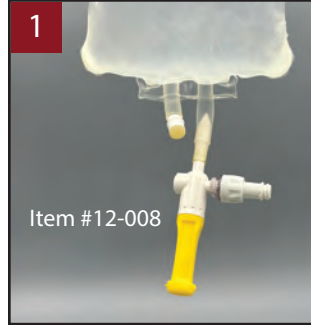


Disconnect syringe and  
dispose.

**ITEM #**  
12-004  
12-007  
12-009  
12-010

## Closed System Transfer Device - From Syringe to IV Bag

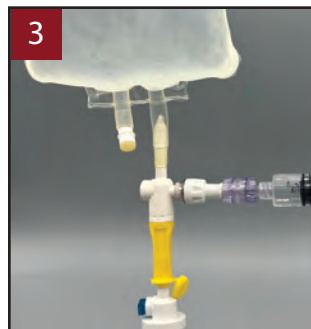
### How it Works:



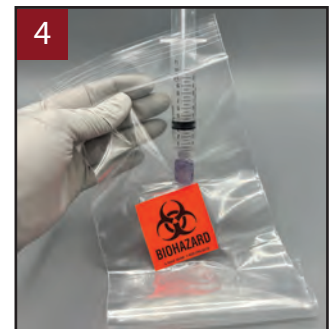
Spike fluid bag with access  
device.



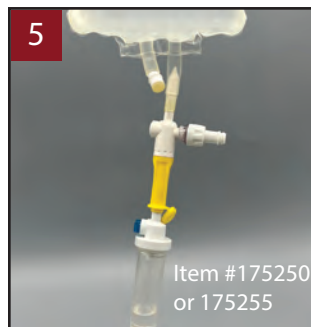
Connect male luer valve onto  
syringe. Fill syringe following  
directions in left column on  
this page.



Connect male luer valve to  
female luer valve on access  
device and infuse medication  
into bag.



Disconnect syringe and  
dispose.



Pull cap back from bottom of  
access device and spike with  
administration set.

**ITEM #**  
12-007  
12-008  
175250  
175255

# Oncology Accessories

## EZ Fill - Syringe to Syringe Transfer Device

Item #12-006

Swabable



## Closed Valve Three-Way Stopcock

Item #12-055

Swabable



DESCRIPTION	ITEM #
EZ Fill - Syringe to Syringe Transfer Device	12-006
Closed Valve Three-Way Stopcock	12-055

## 10 Drop IV Administration Set

- Item #175250 - Universal spike, roller clamp, slide clamp, ONE needle-free injection site and rotating male luer lock
- Item #175255 - Universal spike, roller clamp, slide clamp, TWO needle-free injection sites, check valve, and rotating male luer lock

LENGTH	PRIMING VOLUME	ITEM #
222cm (87in)	15mL 10 drops/mL	175250
261cm (103in)	18mL 10 drops/mL	175255

Item #175255  
Two Injection Sites  
and a check valve



MILA Associate Pet  
Appa



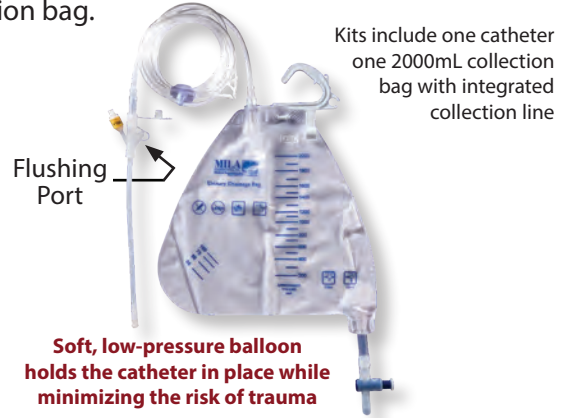
MILA Associate Pet  
Lucy

# Fecal Management System

## FOR COLLECTION OF LIQUID STOOL AND ODOR CONTAINMENT

The Fecal Management System is a soft, silicone catheter inserted into the rectum for collection of liquid stool. It is retained by an air-inflated low-pressure balloon. The proximal end of the large bore tube attaches to the barbed adapter on the collection line that is integrated to the 2000mL collection bag.

- Catheter size is determined by the size of the patient:
  - 20Fr for small and medium size dogs
  - 24Fr for medium and large size dogs
  - 28Fr for extra large dogs
- Balloon size is determined by approximating the normally formed stool size
- Reduces infection risk to other animals and humans
- Measurement lines help to calculate fluid losses
- Greatly reduces clean up time and supplies
- Keeps odor contained
- Additional lumen for irrigation



CATHETER SIZE	BREED	BALLOON SIZE	ITEM #
20Fr	Small - Medium	15-20mL	FM2000
24Fr	Medium - Large	15-20mL	FM2400
28Fr	Extra Large	15-20mL	FM2800
2000mL Collection/Replacement Bag (Non-sterile)			FMRB

## Closed System Urine Collection Kits - 600mL, 1000mL, and 2000mL



### DESIGNED TO MINIMIZE CATHETER ASSOCIATED URINARY TRACT INFECTIONS



DESCRIPTION	ITEM #
<b>600mL closed system</b> includes collection bag with anti-reflux valve and twist drain, 180cm (72in) lightweight collection line with 360° SPINNER luer lock, injection/sampling port, and female luer lock barbed adapter	UC600K
<b>1000mL closed system</b> includes collection bag with anti-reflux valve and twist drain, 180cm (72in) lightweight collection line with 360° SPINNER luer lock, injection/sampling port, and female luer lock barbed adapter	UC1000K
<b>2000mL closed system</b> includes collection bag with anti-reflux valve and push/pull drain, 180cm (72in) collection line, injection/sampling port, non-wettable air filter, and integrated barbed adapter	UC2000K

## Spinal Needles

Spinal needle with stylet to prevent tissue coring prior to CSF tap or anesthetic delivery. Hub is marked and notched for easy tip orientation.

SIZE	LENGTH	ITEM #
22Ga	15cm (6in)	2206
20Ga	20cm (8in)	2008
19Ga	8.75cm (3.5in)	1903
18Ga	15cm (6in)	1806
18Ga	20cm (8in)	1808
18Ga	25cm (10in)	1810

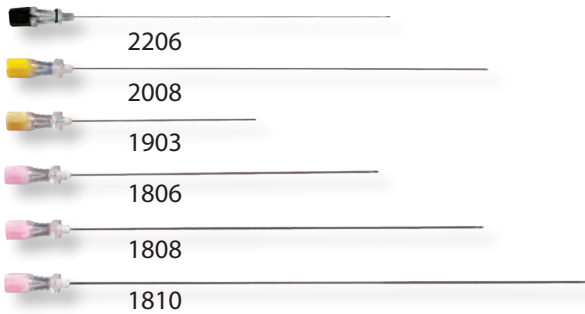


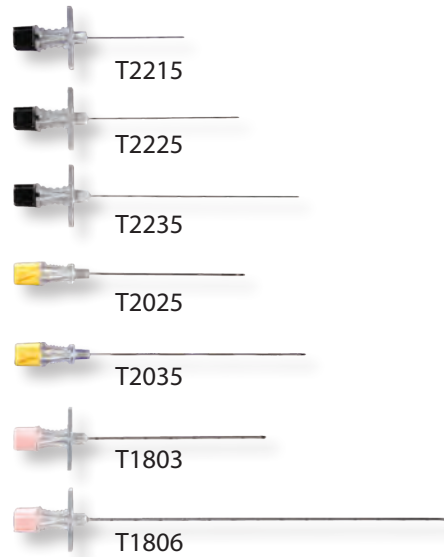
Image of ultrasound-guided injection performed in the SI region of a horse.

Photo courtesy of Emmanuel Engeli, Dr. Med.Vet.(Bern & Zurich), Diplomate ACVS, MRCVS, American Board-Certified Equine Surgeon

## Tuohy Needles

Tuohy needles for epidural anesthesia and catheter placement. Hub marked and notched for easy tip orientation.

SIZE	LENGTH	ITEM #
22Ga	4cm (1.5in)	T2215
22Ga	6.25cm (2.5in)	T2225
22Ga	8.75cm (3.5in)	T2235
20Ga	6.25cm (2.5in)	T2025
20Ga	8.75cm (3.5in)	T2035
18Ga	8.75cm (3.5in)	T1803
18Ga	15cm (6in)	T1806



Echogenic Stimulating Needles for use with Nerve Stimulator on page 77.

SIZE	LENGTH	ITEM #
22Ga	5cm (2in)	NB2205
21Ga	8cm (3.1in)	NB2108
21Ga	10cm (4in)	NB2110

## Echogenic Needles for Ultrasound

Echogenic needles feature 360° dimple reflectors located at the distal end that create a more defined ultrasound image from any angle without compromising puncture characteristics.

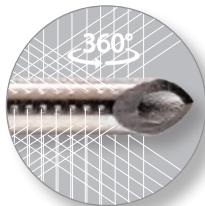
### NERVE BLOCK NEEDLES

- For locoregional anesthesia
- Clear needle tip visualization under ultrasound for safe and precise needle placement
- Needle bevel is 30° back-cut to reduce the risk of penetration into nerve fascicles

SIZE	LENGTH	ITEM #
21Ga	8cm (3.125in)	E2103
21Ga	10cm (4.0in)	E2104



30° Back Cut bevel



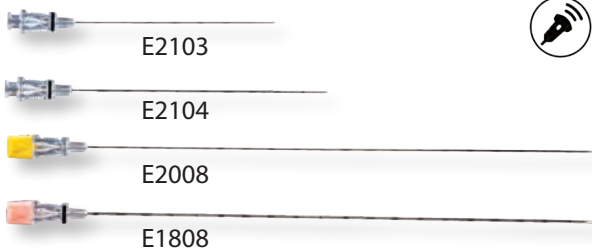
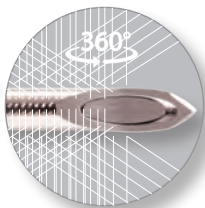
### MSK/SPINAL NEEDLES

- Use for musculoskeletal and spinal injections
- Clear needle tip visualization under ultrasound for safe and precise needle placement
- Quincke style needle bevel for improved dural puncture

SIZE	LENGTH	ITEM #
20Ga	20cm (8in)	E2008
18Ga	20cm (8in)	E1808



Quincke bevel



## Olive Tip Needles

### LACRIMAL LAVAGE NEEDLE

- Used to flush and lavage eyes and the lacrimal duct
- Stainless steel needle with small atraumatic olive tip
- Female luer designed to fit any syringe
- Reusable

SIZE	LENGTH	STYLE	ITEM #
23Ga	2.0cm (0.75in)	Curved	OTC2320
23Ga	3.0cm (1.25in)	Straight	OT2330



### URETHRAL & ANAL GLAND LAVAGE NEEDLE

- Used to flush anal glands or distal end of feline penis
- Stainless steel needle with small atraumatic olive tip
- Female luer designed to fit any syringe
- Reusable

SIZE	LENGTH	ITEM #
21Ga	1.3cm (0.5in)	OT2113
21Ga	2.5cm (1.0in)	OT2125
21Ga	4.0cm (1.5in)	OT2140



# Eye Lavage Kit/SPL



- Can be placed in upper or lower lid
- Single stick insertion method
- Soft, non-irritating silicone disc and tubing
- Allows application of liquid eye medication away from the site
- Easily used in both clinical and farm setting
- Kit includes 152cm (60in) tubing for medication infusion, 12Ga straight or 10° angled trocar, 20Ga catheter, eyelid lifter, extension set, tongue depressor for taping the proximal end, stasis valve, and stemless cap
- Repair kit (#6615) includes 51 cm (20in) tubing, cannula for connecting tubes, 20Ga catheter, tongue depressor for taping the proximal end, stasis valve, and stemless cap
- Use the elastomeric administration pump (item #7100 on next page) for continuous infusion



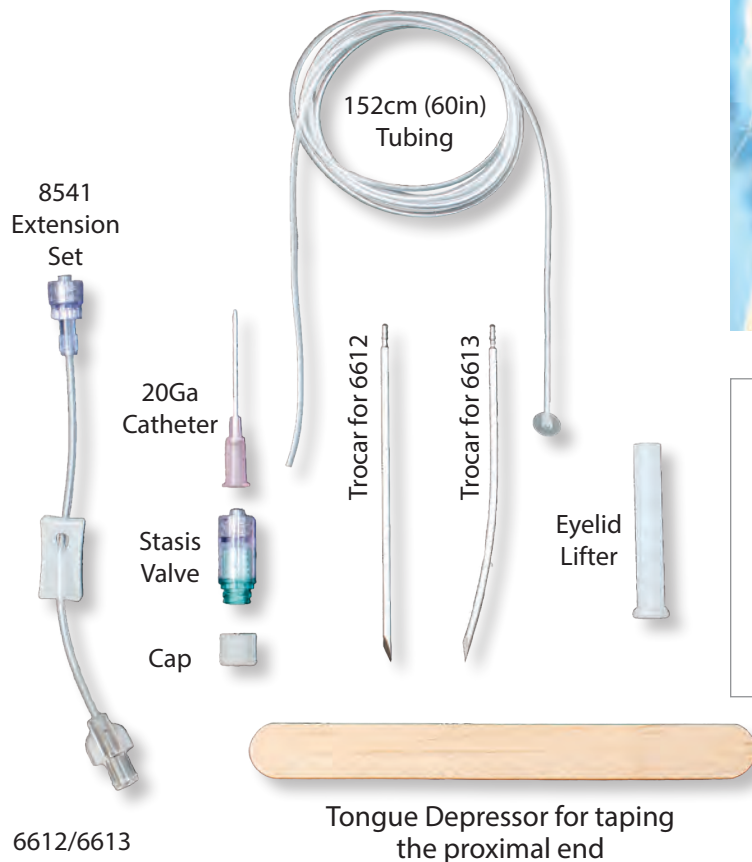
Upper Lid Insertion



Lower Lid Insertion

DESCRIPTION	ITEM #
Subpalpebral Eye Lavage Kit	
Straight trocar, 152cm (60in) tubing	6612
Subpalpebral Eye Lavage Kit	
Angled 10° trocar, 152cm (60in) tubing	6613
Repair Kit - 51cm (20in) tubing	6615

For Ophthalmic Surgical Drape, see next page.



6612/6613

## Elastomeric Pump

- 100mL fluid reservoir - Minimum fill volume = 60mL, Residual volume = 2mL
- Four layers of latex for sturdiness
- Recoil of balloon pushes fluid through tubing
- Two flow control tubes are included:
  - FCT12 (0.8mL/hr) is attached to pump
  - FCT4 (2.5mL/hr) is included in package
- Accuracy rate +/- 15%

DESCRIPTION	ITEM #
Elastomeric Pump	7100
10mL in 4 hours – 2.5mL/hour	FCT4
10mL in 12 hours – 0.8mL/hour	FCT12
0.2-micron filter (10 pack)	2420

Eye medication solution:



Courtesy of Dr. Meghan Mendoza and Dr. Katie Hayes, Hayes Veterinary Services



## Ophthalmic Surgical Drape - Customizable

**Quick and easy sterile field that stays in place without clamps**

- Use for maintaining a sterile field
- Size 60cm x 60cm (24in x 24in)
- Rectangle adhesive area in center - 12cm (5in) x 15cm (6in)
- NO APERTURE - This allows the surgeon to customize the cut, as needed
- Superb translucent film, impervious to fluids
- Optimal drapeability

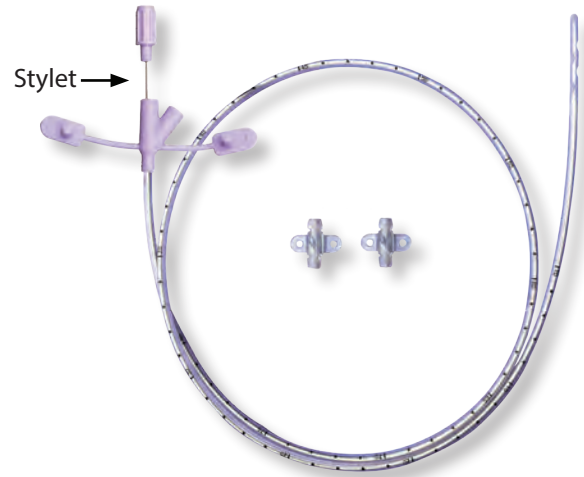
DESCRIPTION	ITEM #
Ophthalmic Surgical Drape	OSD



## Equine Nasolacrimal Lavage

- **Non-irritating, low-friction polyurethane** with radiopaque stripe, depth markings, and **transparent tubing** for easy visualization and monitoring of placement.
- **Dual suture wings** allow secure fixation at the nostril or eyelid, ensuring stability during long-term lavage therapy.
- **Round, soft, atraumatic closed tip** with precision side-holes minimizes mucosal trauma while optimizing fluid distribution along the nasolacrimal duct.
- **Pre-loaded flushing stylet** facilitates smooth passage and placement within the duct
- **Dual-port hub** accommodates catheter-tip, luer lock, and luer slip syringes—**no adapter required** for flushing or medication delivery.
- **Superior kink resistance** ensures uninterrupted flow, even during patient movement or when secured in challenging positions.
- **Length:** Extra length allows for external fixation and syringe attachment without tension

SIZE	LENGTH	ITEM #
5Fr	55cm (22in)	NGP522S



## Olive Tip Needles for Lacrimal Lavage

- Used to flush and lavage eyes and the lacrimal duct
- Stainless steel needle with small atraumatic olive tip
- Female luer designed to fit any syringe
- Reusable

SIZE	LENGTH	STYLE	ITEM #
23Ga	2.0cm (0.75in)	Curved	OTC2320
23Ga	3.0cm (1.25in)	Straight	OT2330



# Uterine Flush

## Embryo Flushing Catheter

- Open-end, heavy-duty silicone catheter
- Balloon ensures occlusion of the cervix when inflated, retaining the fluid in the uterus.
- Ideal for embryo transfer
- Reusable

SIZE	LENGTH	BALLOON SIZE	ITEM #
36Fr	80cm (32in)	100mL	UFC3680



BELOW: Item #175490 connected to Item #UFC3680 for embryo wash.



Photo courtesy of MVZ Juan José Ramirez Nava, Reproducción Asistida en Equinos.

## Uterine Flush Tube

- Flushing tube with spike and clamp
- 4 side-holes, 1.5cm apart, ending 2.5cm from end of catheter
- Smooth, open-ended tip

SIZE	LENGTH	ITEM #
28Fr	190cm (75in)	UFT28190



## High Flow Fluid Transfer Set

- Connects fluid bag to Embryo Flushing Catheter (item #UFC3680 on the left of this page, see photo) or other lavage tube
- Includes high flow spike, clamp, and high flow barbed adapter for 20-40Fr tubes

ID	LENGTH	PRIMING VOLUME	ITEM #
19Fr	30cm (12in)	8mL	175490
19Fr	60cm (24in)	20mL	175493

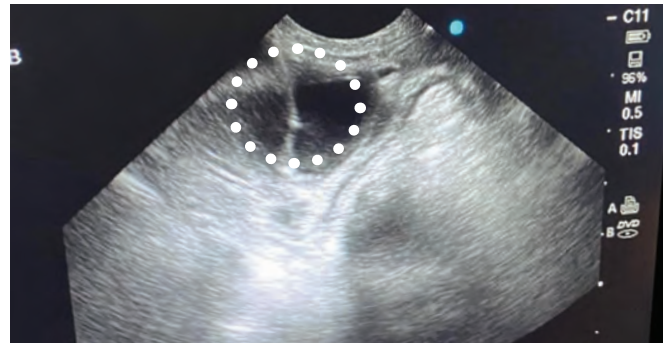




# Equine Oocyte Collection Set



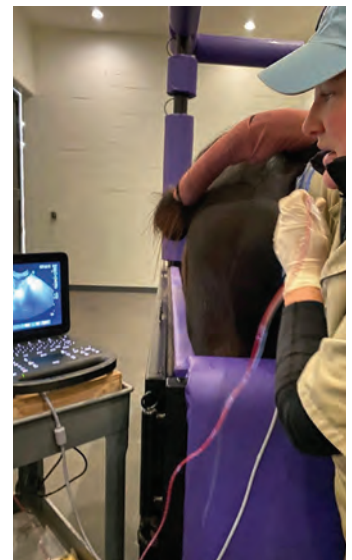
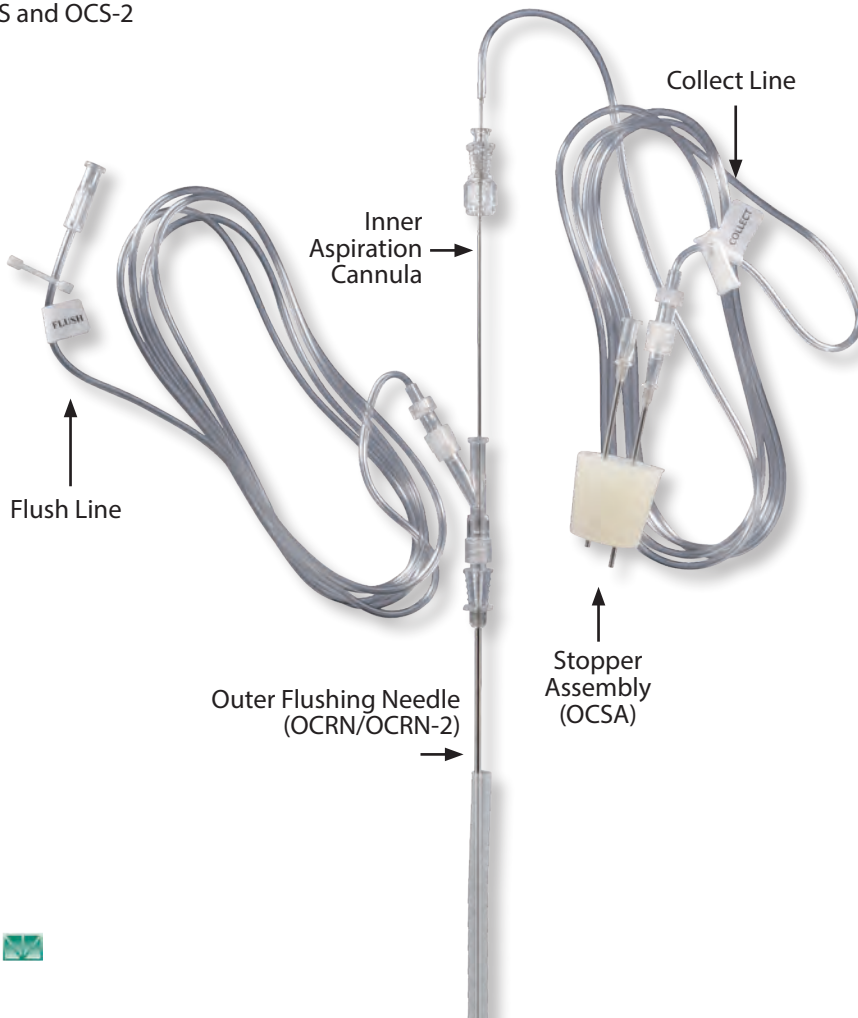
- For equine transvaginal oocyte collection
- Laminar flow - no ridges on collection side
- Etched needles are ECHOGENIC to improve ultrasound visualization
- Double lumen needle design consists of an outer flushing needle and inner aspiration cannula (see photo below); outer needle can be easily cleaned and replaced as needed
- For continuous flushing without disconnecting the syringe, connect the controlled flushing set (item #CFS36) between the flush line and fluid source (see photo on next page)
- Oocyte collection sets include:
  1. Outer flushing needle - 12Ga x 60cm (24in)
  2. Inner aspiration cannula - 16Ga x 65.4cm (25.75in)
  3. Y-adapter
  4. Flushing line - 16Ga x 180cm (72in)
  5. Collection line - 16Ga x 180cm (72in)
  6. #6 silicone bottle stopper with collection port and vent port



DESCRIPTION	ITEM #
Oocyte Collection Set - Etched Tip	OCS
Oocyte Collection Set - Non-Etched Tip	OCS-2

Photo courtesy of Maria P. Schnobrich, VMD DACT  
Theriogenologist at Rood and Riddle Equine Hospital  
Procedure performed at Spy Coast Farm Reproduction Center

OCS and OCS-2



OCS



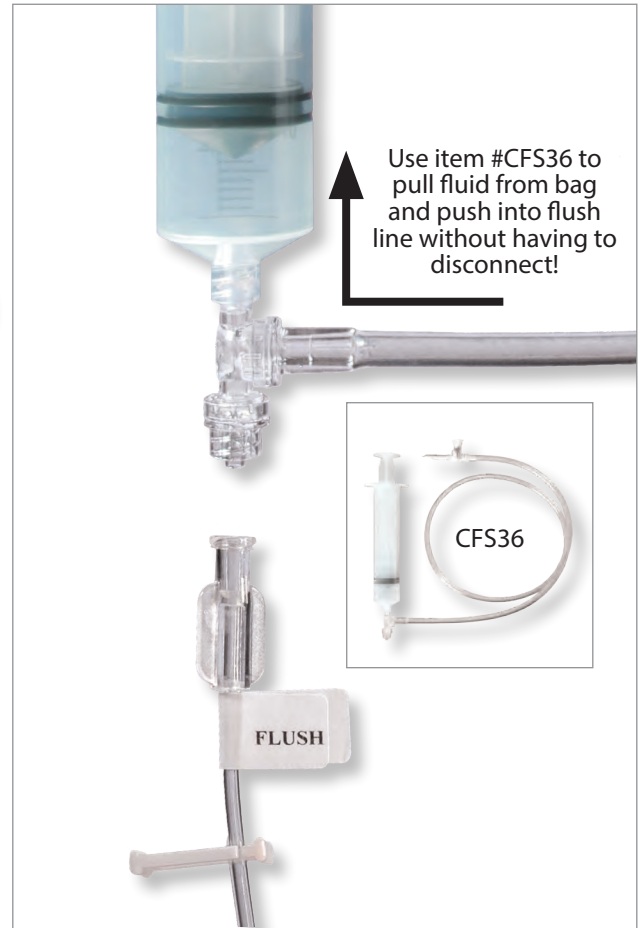
Etched Tip

OCS-2



Non-Etched Tip

# Equine Oocyte Collection - Replacement Pieces and Accessory



DESCRIPTION	SIZE	ITEM #
Outer Flushing Needle - Etched Tip	12Ga x 60cm (24in)	OCRN
Outer Flushing Needle - Non-Etched Tip	12Ga x 60cm (24in)	OCRN-2
Flush/Collect Lines with Y-Port	16Ga x 180cm (72in)	OCRL
Silicone Bottle Stopper with collection and vent ports	#6	OCSA
Controlled Flushing Set	90cm (36in)	CFS36

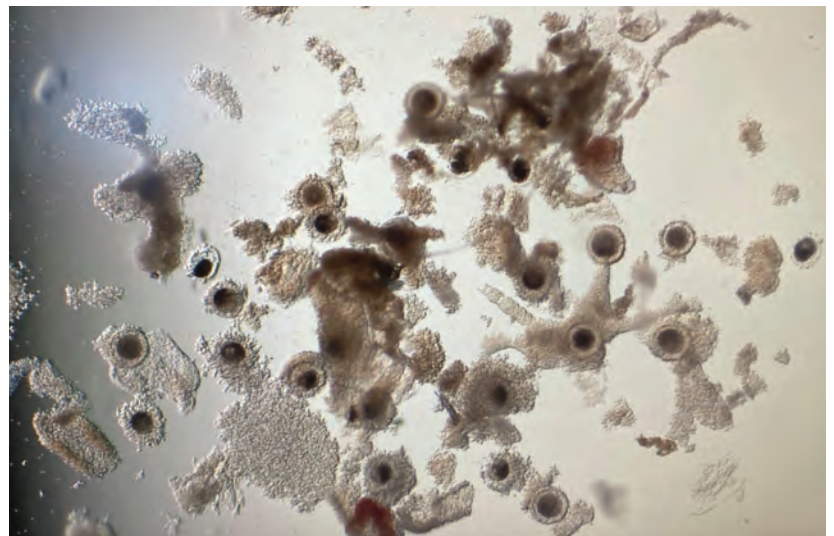


Photo courtesy of Maria P. Schnobrich, VMD DACT  
 Theriogenologist at Rood and Riddle Equine Hospital  
 Procedure performed at Spy Coast Farm Reproduction Center

## Tracheal Wash / Aspiration Catheters

### Single Lumen Catheters

Single lumen catheter with female luer lock for medication delivery and sampling at any site accessible by endoscope. To maintain sterility during advancement, these sets contain a water-soluble plug in the distal end.

OD	LENGTH	SCOPE CHANNEL SIZE	ITEM #
2.3mm	190cm (76in)	2.5mm	EDC190
1.8mm	200cm (79in)	2.0mm	EDC200
2.3mm	220cm (88in)	2.5mm	EDC220
2.3mm	400cm (160in)	2.5mm	EDC400



### Double/Triple Lumen Catheters

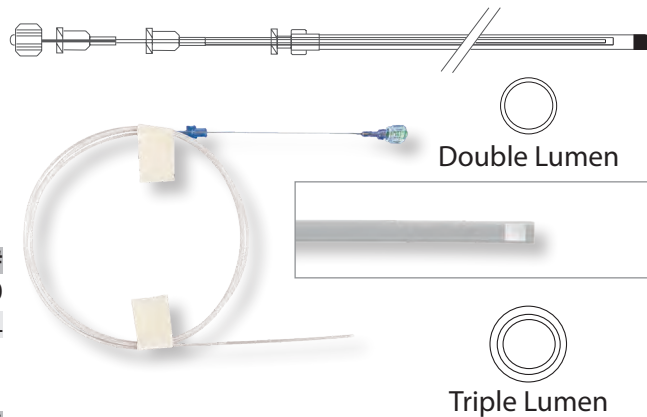
Two and three lumen sampling catheters enable a sterile specimen retrieval via an endoscope. To maintain sterility during placement, the outer catheter has a water-soluble plug in the tip. Once in place, the inner catheter is advanced, pushing out the water-soluble plug, then further advanced for retrieval of the sterile specimen.

#### TWO STAGE CATHETER

OD	LENGTH	SCOPE CHANNEL SIZE	ITEM #
1.8mm	190cm (76in)	2.0mm	EMAC700
1.8mm	250cm (100in)	2.0mm	EMAC700L

#### TRIPLE STAGE CATHETER

OD	LENGTH	SCOPE CHANNEL SIZE	ITEM #
2.3mm	190cm (76in)	2.5mm	EMAC800

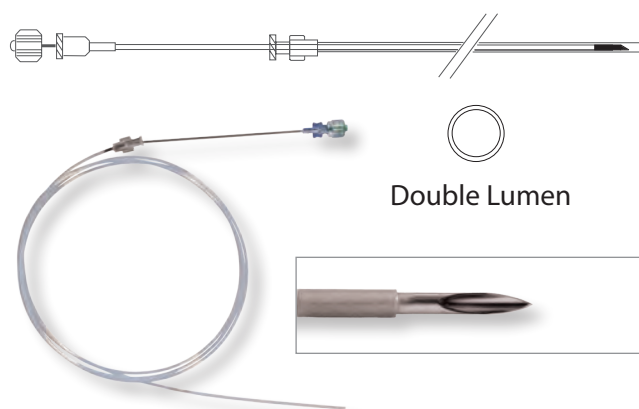


## Lance-A-Lot

Ideal for lancing and injecting Ethmoid Hematomas and Uterine Cysts

- Injection and aspiration needle with female luer lock
- 17Ga Needle

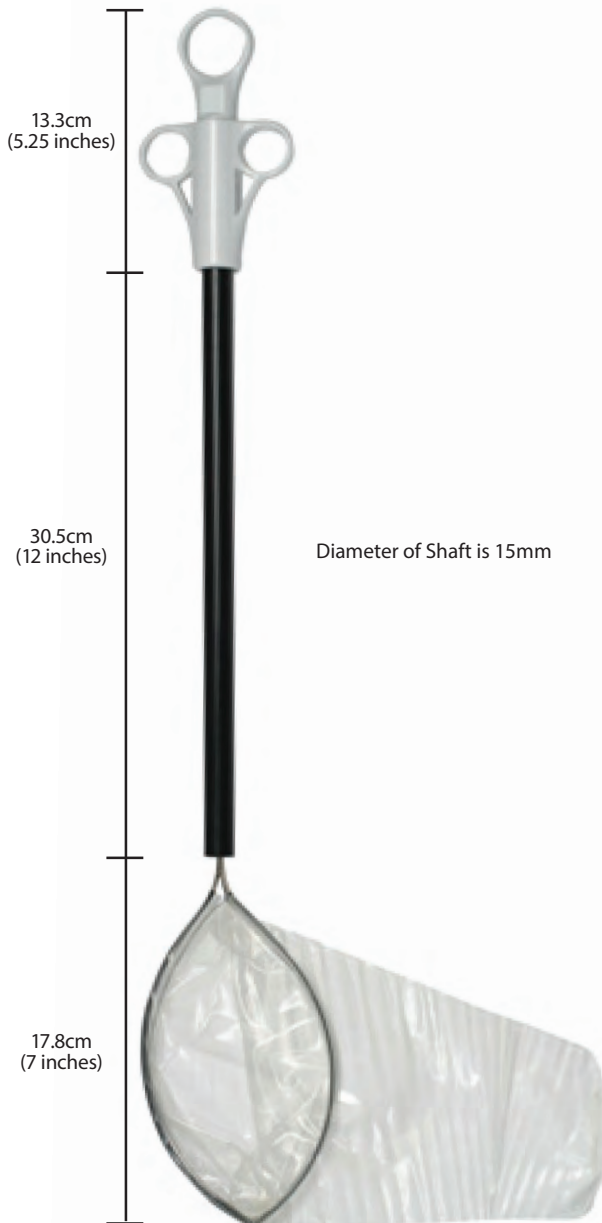
OD	LENGTH	SCOPE CHANNEL SIZE	ITEM #
2.3mm	190cm (76in)	2.5mm	LAN190



## Laparoscopic Large Animal Retrieval Pouch

- Retrieval pouch for a variety of large animal surgical procedures:
  - Ovariectomies with normal ovaries and granulosa cell tumors
  - Removal of cryptorchid testicle, bladder stones, abdominal cavity tumors
  - Harvesting biopsy specimens
- 1500mL bag detaches from metal cage
- Economical

DESCRIPTION	ITEM #
EndoPouch	EP810



See 2017 publication: [milainternational.com/pub/media/wysiwyg/Retrieval\\_Pouch-Large\\_Animal.pdf](http://milainternational.com/pub/media/wysiwyg/Retrieval_Pouch-Large_Animal.pdf)

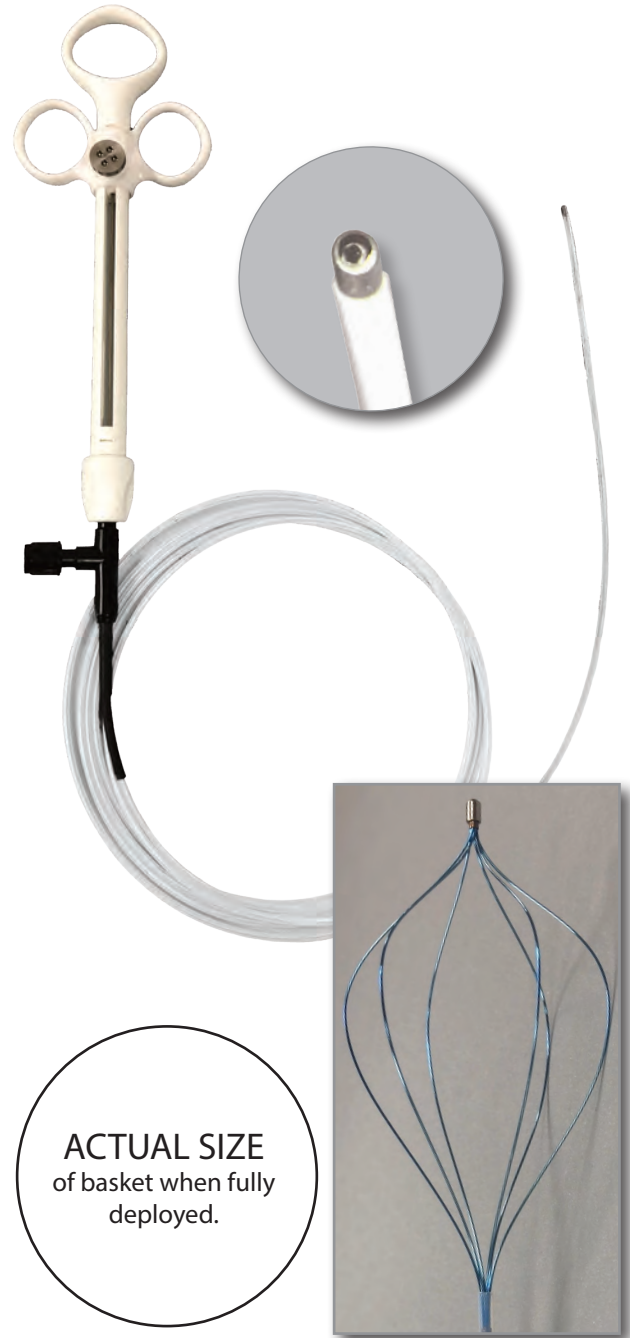
## Fetcher™ Endoscopic Retrieval Device



The MILA Fetcher™ Endoscopic Retrieval Device can be placed down the channel of an endoscope for extraction of foreign bodies such as buttons, marbles, hair balls, grass, golf balls, and stones.

- Fully open basket has a diameter of 40mm (1.6in) and length of 90mm (3.5in)
- Basket is constructed of 6 monofilament nitinol wires

OD	LENGTH	SCOPE CHANNEL SIZE	ITEM #
2.3mm	235cm (92.5in)	2.8mm	ERD-235



**ACTUAL SIZE**  
of basket when fully  
deployed.

# DuraFlow™ Large Animal IV Coil Set

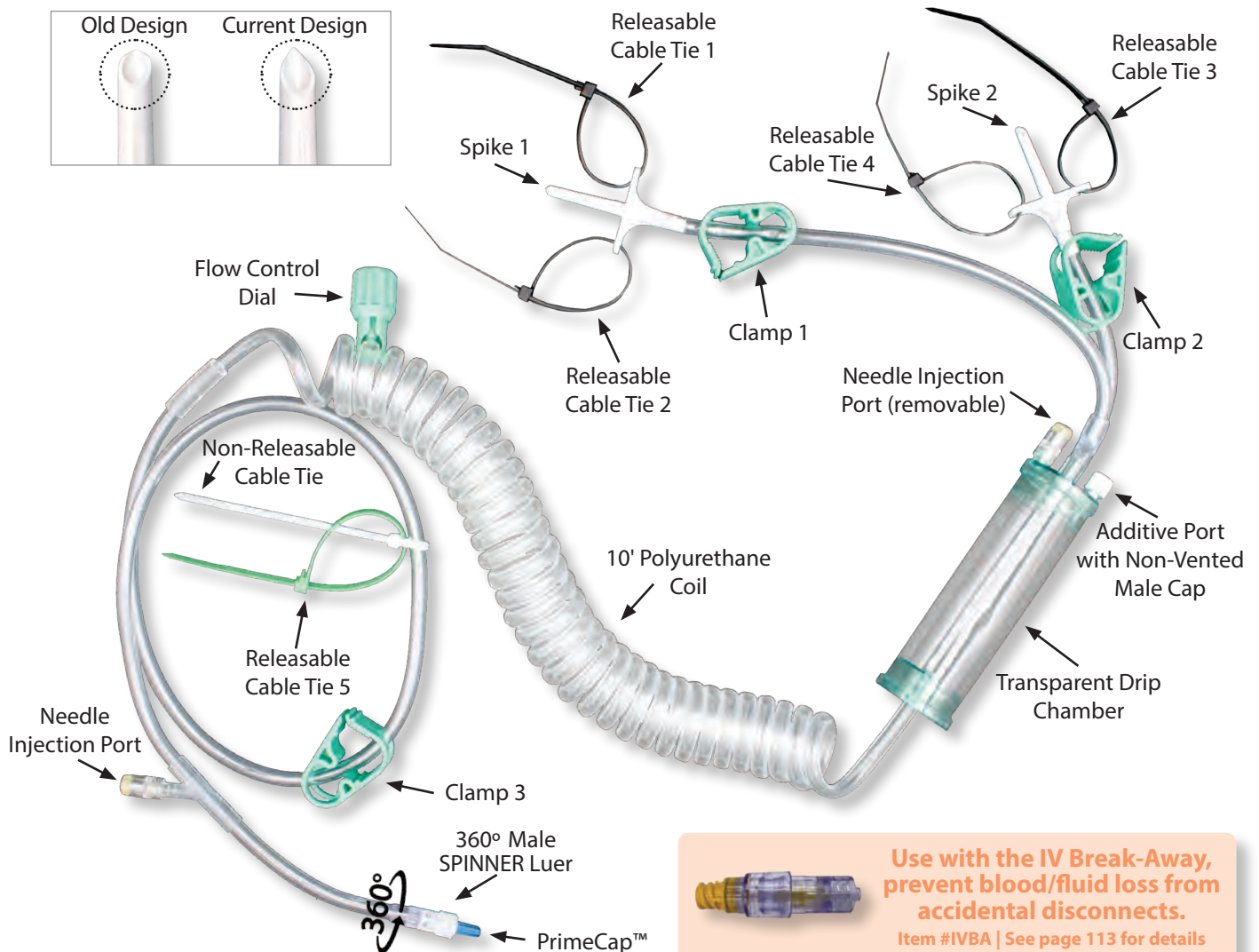
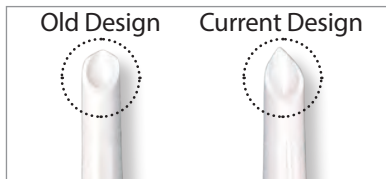
**The MILA DuraFlow™ Large Animal IV Coil Set is a two spike set capable of delivering gravity flow rates up to 40.5 liters/hour.**

- Transparent drip chamber for fluid visibility at all angles
- Durable flow regulator with precise flow control
- 10 foot polyurethane coil for superior elasticity and memory
- MILA PrimeCap™ vents the line during priming, preventing fluid loss and reducing the risk of contamination
- 360° SPINNER provides the line with an independent rotational axis, preventing tangling, and reducing the risk of disconnection
- Use with FLUID TRANSFER SET high flow spikes to transfer fluid between bags (#FTS18) to connect up to 4 bags



DESCRIPTION	ITEM #
DuraFlow™ Large Animal IV Coil Set	LACS1
Fluid Transfer Set - 45cm (18in)	FTS18

## IMPROVED WITH SHARPER SPIKES!



NEW!

## IV Fluid Gyro Hanger

Ease the administration of large fluid quantities and minimize interruptions

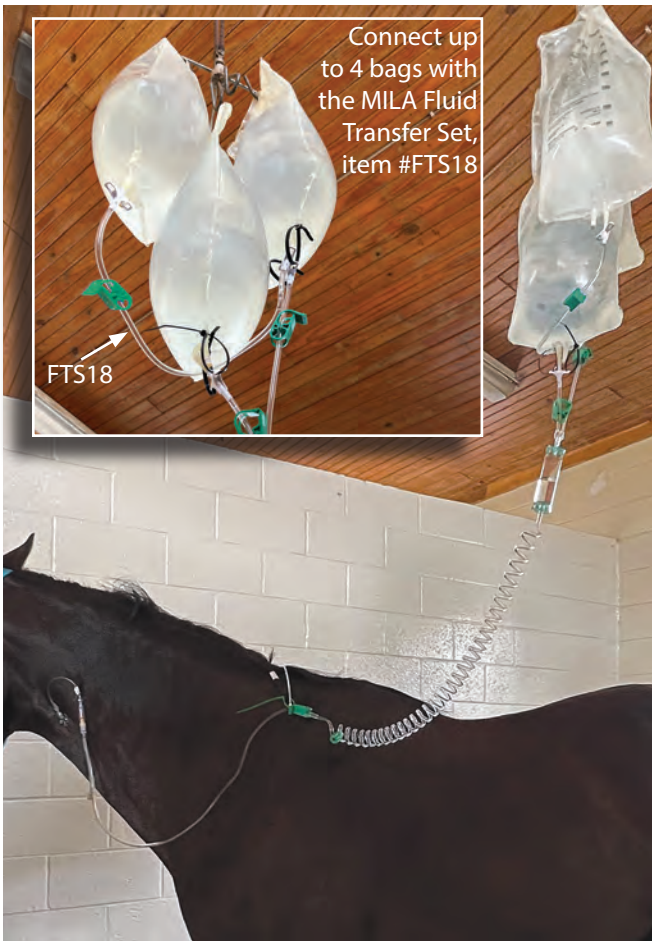
- Rope pulley for quick and easy adjustments
- 360° swivel allows for animal movement WITHOUT TANGLING during fluid administration
- Durable stainless Steel
- Hang up to 5 bags

**DESCRIPTION**

IV Fluid Gyro Hanger

**ITEM #**

SFBH



## EquiSet IV Administration Set

High flow, large bore, non-vented Y-set with 2 spikes, 3 clamps, roller flow adjustment, needle-free injection site, and luer lock adapter with 360° SPINNER

SIZE	LENGTH	ITEM #
30Fr	300cm (120in)	8V0002

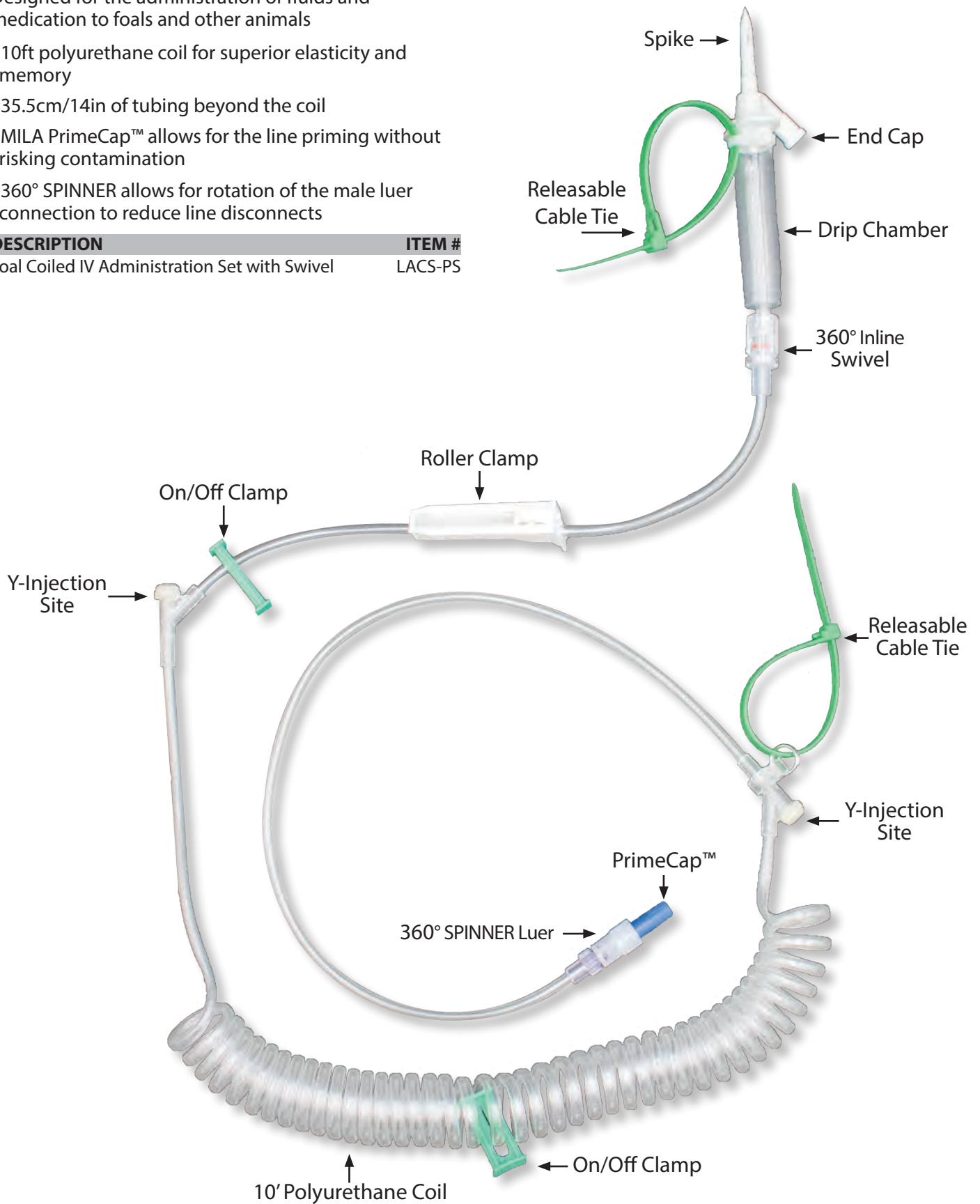


# Foal Coiled IV Administration Set with Swivel

Designed for the administration of fluids and medication to foals and other animals

- 10ft polyurethane coil for superior elasticity and memory
- 35.5cm/14in of tubing beyond the coil
- MILA PrimeCap™ allows for the line priming without risking contamination
- 360° SPINNER allows for rotation of the male luer connection to reduce line disconnects

DESCRIPTION	ITEM #
Foal Coiled IV Administration Set with Swivel	LACS-PS

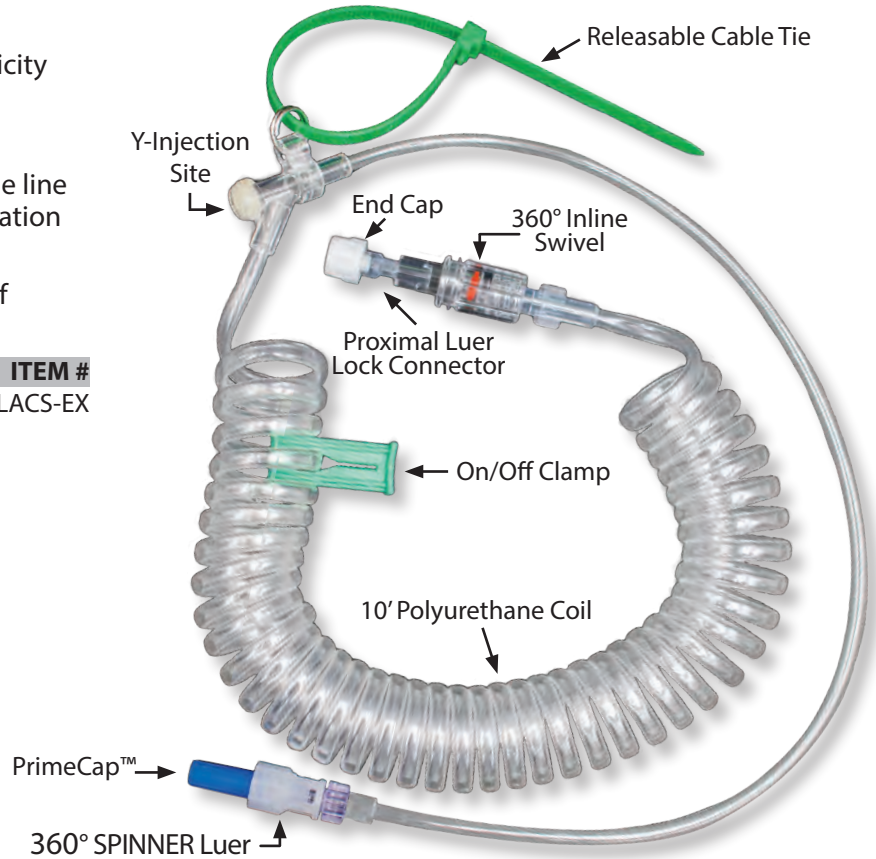


## Coiled IV Extension Set with Swivel

Designed for use with primary IV sets

- 10ft polyurethane coil for superior elasticity and memory
- 35.5cm/14in of tubing beyond the coil
- MILA PrimeCap™ can be left on when the line is primed, reducing the risk of contamination
- 360° SPINNER rotates at the point of connection to the IV, reducing the risk of disconnection

DESCRIPTION	ITEM #
Coiled IV Extension Set with Swivel	LACS-EX



## IV Break-Away Device

- Connects between the fluid administration line and the IV catheter extension
- Prevents the catheter extension from being dislodged from excessive pull force
- Supports gravity flow rates of >220mL/min
- No blood loss or mess from broken IV lines
- Easy to reassemble - swab both ends and reconnect
- Each end automatically closes when disconnected

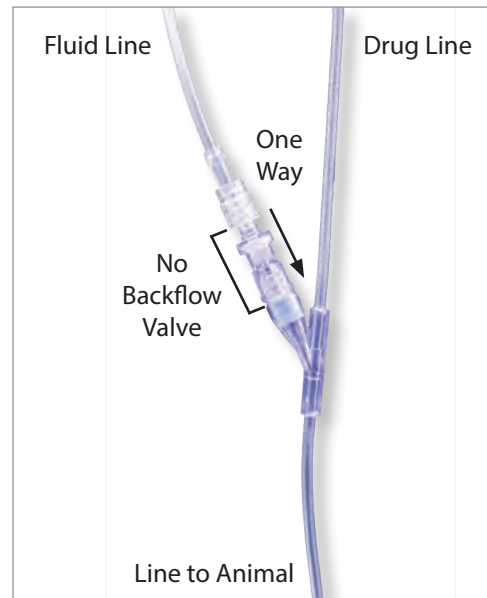
DESCRIPTION	ITEM #
IV Break-Away Device	IVBA



## No Backflow Valve

- Helps to prevent backflow of fluids and blood during infusion therapy
- Normally closed valve, opens with low pressure

DESCRIPTION	ITEM #
No Backflow Valve	2485



## Arthroscopy Fluid Line/ Wound Flushing Line

High flow, large bore infusion set includes vented spike, clamp, and rotating male luer. Fits most peristaltic pumps

LENGTH	PRIMING VOLUME	ITEM #
305cm (120in)	48mL	175499



## High Flow IV Administration Sets

- High flow, large bore set includes, pinch clamp, needle-free injection site, and rotating male luer lock
- Item #175497 includes drip chamber
- Item #175498 includes vented spike with filter

LENGTH	PRIMING VOLUME	ITEM #
180cm (72in)	42mL	175497
180cm (72in)	32mL	175498

Drip Chamber



Vented Spike  
with Filter



## Controlled Flushing Set

- Eliminates the need to pre-fill syringes
- Set includes vented bag spike, 90cm (36in) tubing, and bi-directional valve
- Use for various flushing needs - BAL, joint, ear, wound, ovum pickup
- The bi-directional valve allows for repeat aspiration from the bag and controlled flushing without opening the system
- Spike the irrigation fluid, attach syringe to female luer of valve, fill syringe, flush, then repeat

LENGTH	PRIMING VOLUME	ITEM #
90cm (36in)	15mL	CFS36



## Secondary Venoset

### Designed for efficient fluid delivery and bolus administration

It features a spike for connecting to a primary fluid bag and a filter port adjacent to the spike, allowing attachment of a luer lock inflation device to pressurize the fluid bag. This setup enables rapid fluid flow when needed for emergency or bolus situations, ensuring reliable and controlled delivery.

LENGTH	PRIMING VOLUME	ITEM #
58cm (23in)	4mL	175720



## IV Administration Sets

### 10 Drop

- Item #175250 - Universal spike, roller clamp, slide clamp, **ONE** needle-free injection site and rotating male luer lock
- Item #175255 - Universal spike, roller clamp, slide clamp, **TWO** needle-free injection sites, check valve, and rotating male luer lock

LENGTH	PRIMING VOLUME	ITEM #
222cm (87in)	15mL	175250
261cm (103in)	18mL	175255



175255

175250 not pictured

### 15 Drop

Administration set with vented spike, drip chamber, rotating luer lock, roller clamp, and inline needle injection site

LENGTH	PRIMING VOLUME	ITEM #
190cm (76in)	13.3mL	175278



## Pressure Infusors

High performance pressure infusor facilitates rapid high volume fluid boluses by continuously squeezing the IV fluid bag.

- Provides easy view of fluid bag and fluid level
- Special built-in hook allows fluid bag to be replaced without removing pressure infusor from hanging device

### 1000mL Cuff



Use with  
1L Bags

DESCRIPTION	ITEM #
1000mL cuff with squeeze bulb, pressure manometer, and three-way stopcock	175500

### 5000mL Cuff



Use with  
5L Bags

DESCRIPTION	ITEM #
5000mL cuff with squeeze bulb, and manometer	175950

## 150 Micron Blood Filter

Syringe blood filter for CATS and SMALL DOGS

- First veterinary-designed filter to safeguard every drop of blood product during administration
- Insert it anywhere in the line between blood product and patient
- Low priming volume (approximately 0.3mL) minimizes waste
- Biocompatible nylon filter media
- Designed for LOW VOLUME transfusions
- Ideal for CATS, SMALL DOGS, and PUPPIES
- Tested up to 50 PSI
- Suitable for all blood product transfusions
- Validated for whole blood transfusions as large as 250mL and at rates as high as 50mL/minute



Manufactured by  
**IAS**  
Innovative Animal Systems

DESCRIPTION	ITEM #
150 Micron Blood Filter	BF150



**Filters 5X  
more blood than  
Hemo-Nate®**

Click the icon  
for FAQs



## Hemo-Nate® 18 Micron Blood Filter

- Stainless steel filter designed to filter microaggregates within stored blood products down to 18 microns
- Luer locking hub allows the use of a standard syringe without a needle
- 50mL filter capacity for whole blood and 20mL filter capacity for all other blood components<sup>1</sup>



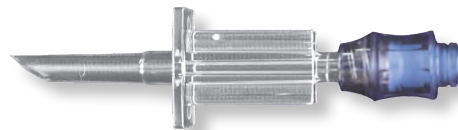
DESCRIPTION	ITEM #
Hemo-Nate Blood Filter - 18 Micron	BF18

1. Based on manufacturer's specifications for human blood products

## Needle-Free Blood Bag Spike

- Large bore, transparent, needle-free, and swabable

DESCRIPTION	ITEM #
Needle-Free Blood Bag Spike	BF15



## CPDA-1 Anticoagulant, 30mL

Available to customers in the U.S. and Canada only

- Small volume minimizes risk of contamination and waste
- Each bag is foil pouched resulting in longer shelf life
- Extends the shelf life of whole blood approximately **35 DAYS**
- Contains a port for needle-free access
- Recommended volume ratios:
  - 7mL Blood : 1mL CPDA-1
  - 53mL Blood : 7mL CPDA-1
- TWO options to draw from the bag:
  1. Needle Injection Port
  2. Spike Port (use with item #PIN3)



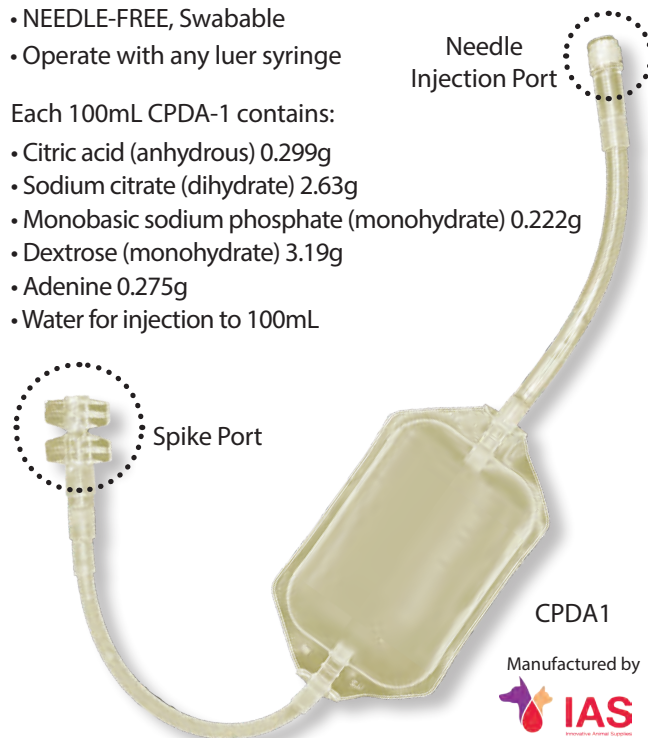
DESCRIPTION	ITEM #
30mL CPDA-1 Anticoagulant	CPDA1
Needle-Free Spike	PIN3

- Preserve integrity and sterility of CPDA-1 in bag
- Spike the bag only once for multiple withdrawals
- NEEDLE-FREE, Swabable
- Operate with any luer syringe

Needle  
Injection Port

Each 100mL CPDA-1 contains:

- Citric acid (anhydrous) 0.299g
- Sodium citrate (dihydrate) 2.63g
- Monobasic sodium phosphate (monohydrate) 0.222g
- Dextrose (monohydrate) 3.19g
- Adenine 0.275g
- Water for injection to 100mL



CPDA1

Manufactured by  
**IAS**  
Innovative Animal Systems

## Single Blood Collection Bag - 250mL

Pre-filled with 35mL CPDA-1

Available to customers in the U.S. and Canada only

**NEW!**

A reliable and efficient solution for veterinary blood collection and storage. Each bag comes pre-filled with CPDA-1 anticoagulant to help maintain blood quality and extend shelf life.

### Key Features:

- **Capacity:** 250mL collection volume
- **Anticoagulant:** 35mL CPDA-1 (ensures up to 35 days of preserved blood)
- **Needle:** 16Ga, permanently attached for smooth venipuncture
- **Ports:** Dual spike ports for secure transfer and administration
- **Tubing:** Extra-long 150cm (59in) tubing for flexible collection handling
- **Sterile Packaging:** Designed to support long pre-use shelf life

### Applications:

- Suitable for a wide range of veterinary transfusion procedures across different animal species
- Provides dependable performance for clinics, hospitals, and field veterinary use
- Engineered for ease of handling and efficient blood collection



DESCRIPTION	ITEM #
Single Blood Collection Bag	BBS070

## Double Blood Collection Bag - 450mL

Pre-filled with 63mL CPDA-1

Available to customers in the U.S. and Canada only

**NEW!**

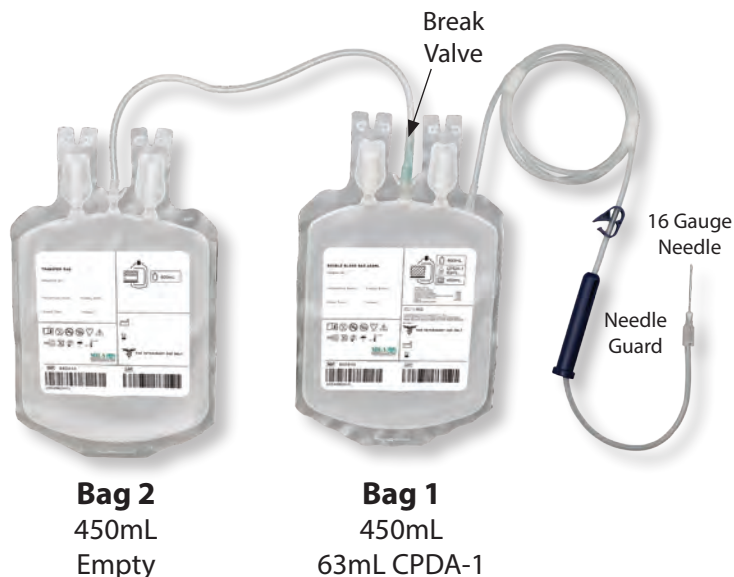
A reliable and efficient solution for veterinary blood collection and storage. Each bag comes pre-filled with CPDA-1 anticoagulant to help maintain blood quality and extend shelf life.

### Key Features:

- **Capacity:** 450mL collection volume
- **Anticoagulant:** 63mL CPDA-1 (ensures up to 35 days of preserved blood)
- **Needle:** 16Ga, permanently attached for smooth venipuncture
- **Ports:** Dual spike ports for secure transfer and administration
- **Tubing:** Extra-long 150cm (59in) tubing for flexible collection handling
- **Sterile Packaging:** Designed to support long pre-use shelf life

### Applications:

- Suitable for a wide range of veterinary transfusion procedures across different animal species
- Provides dependable performance for clinics, hospitals, and field veterinary use
- Engineered for ease of handling and efficient blood collection



DESCRIPTION	ITEM #
Double Blood Collection Bag	BBD093

# Small Volume Blood Collection Set

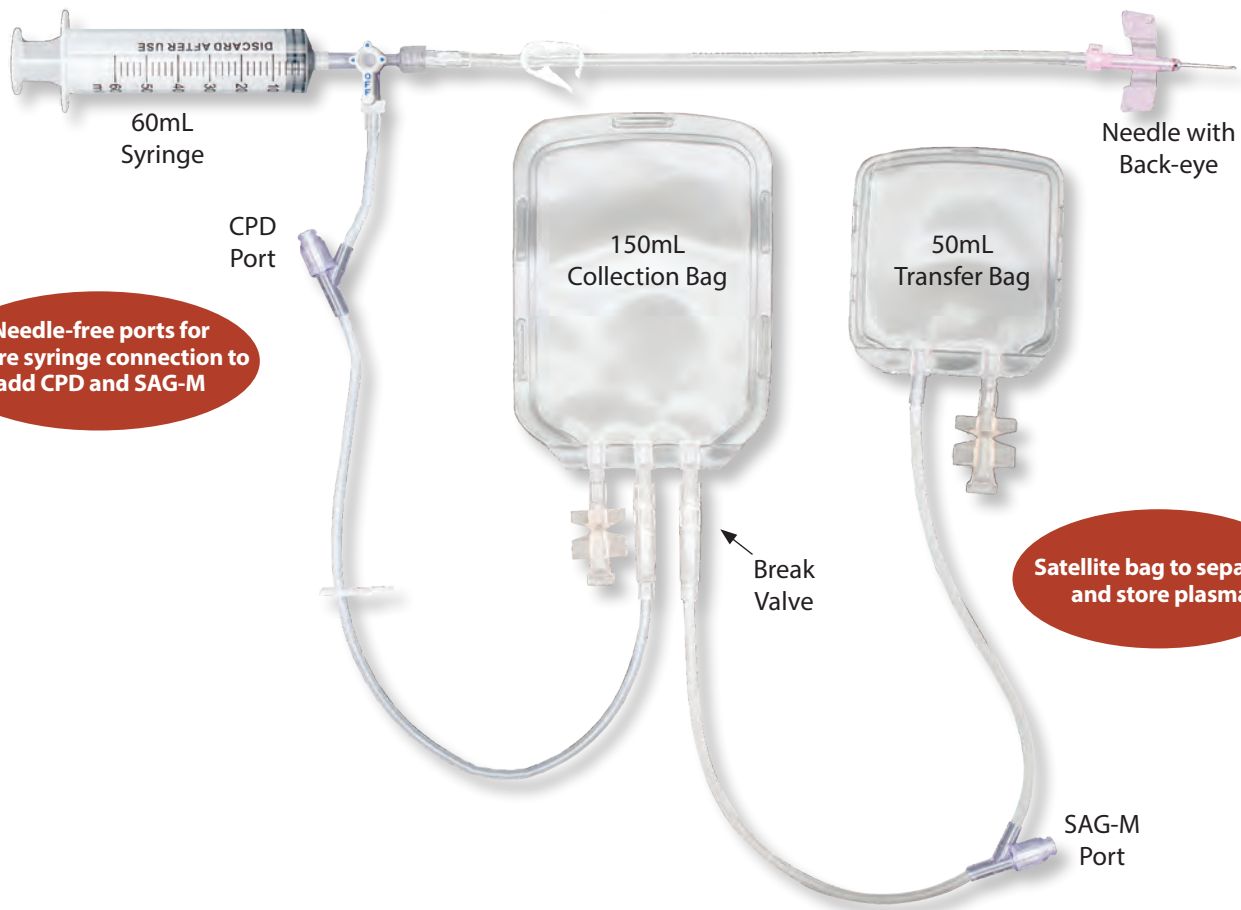
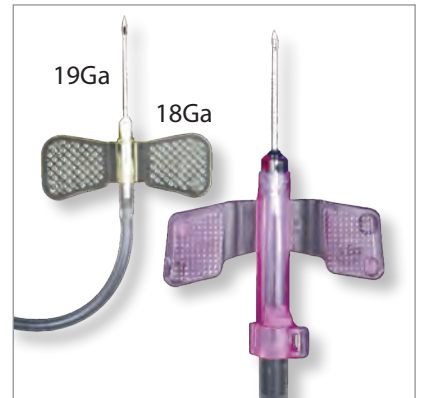
- Double bag system for component collection and separation - 150mL collection bag and 50mL transfer bag
- 60mL syringe pre-attached to create a semi-closed fluid path.
- Back-eye on the needle prevents vein collapse and improves flow
- 50mL bags of additives (CPD & SAG-M) reduce waste and risk of contamination

NEEDLE SIZE	NEEDLE LENGTH	ITEM #
18Ga	1.0in	BBMINI18
19Ga	0.75in	BBMINI19

### Blood Collection Additive Kit

Available to customers in the U.S. and Canada only

DESCRIPTION	ITEM #
(1) 50mL bag of CPD, (1) 50mL bag of SAG-M, (2) Needle-free bag spikes	BB-ADD



Needle-free ports for secure syringe connection to add CPD and SAG-M

Satellite bag to separate and store plasma

### Additive Kit

Available to customers in the U.S. and Canada only

Sealed and sterile additive transfer from bag to syringe

Kit Includes:

1. One 50mL bag of CPD
2. One 50mL bag of SAG-M
3. Two needle-free bag spikes

CPD

SAG-M

Needle-free bag spikes

**NEW!**

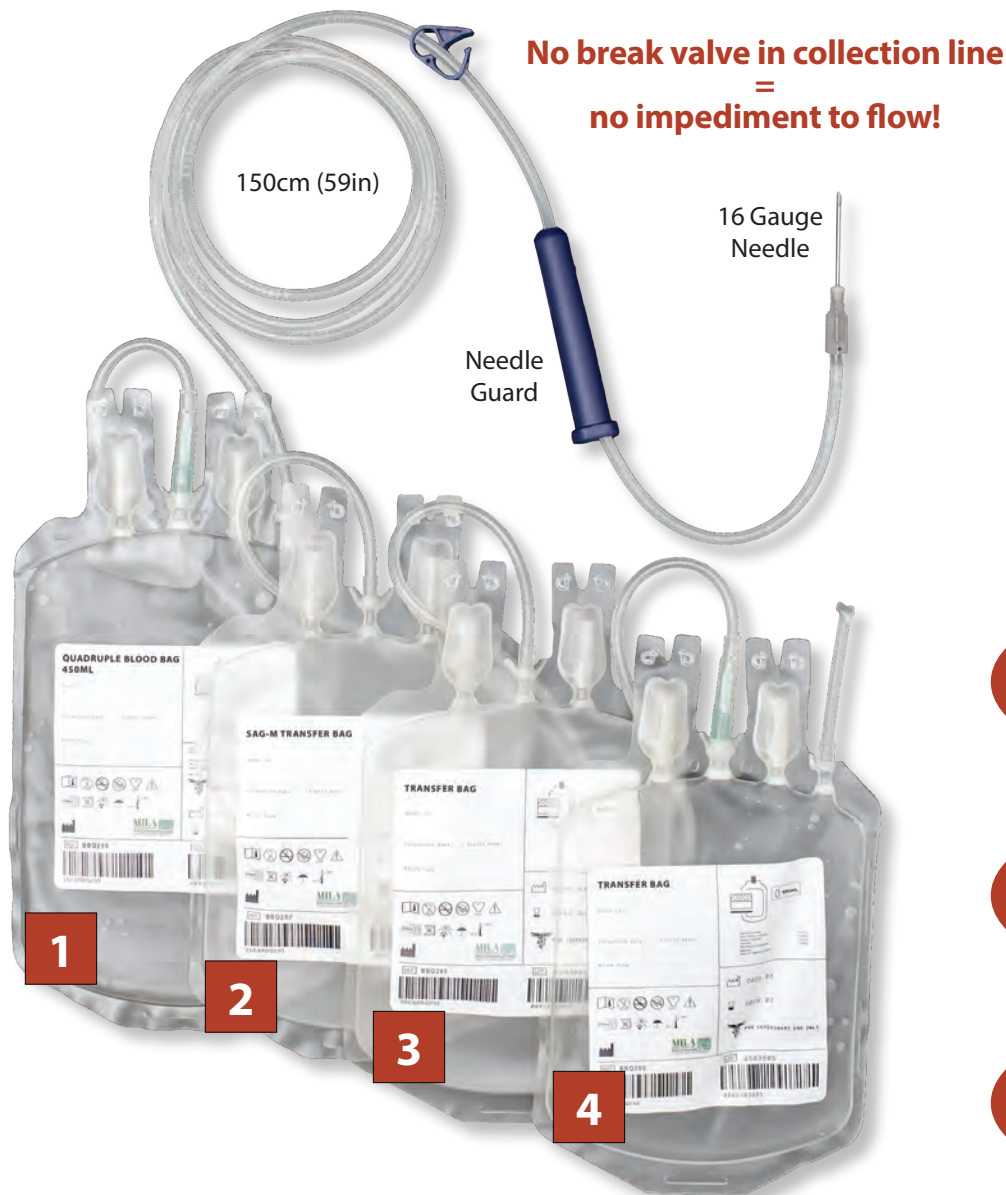
# Quadruple Blood Collection Bag with CPD & SAG-M included

Available to customers in the U.S. and Canada only

**BLOOD COLLECTION/ADMINISTRATION**

- Quadruple bag system for the collection, separation and preservation of canine blood components
- Extra long 150cm (59in) NON-STICK collection line for easy gravity collection
- Tubing has same ID/segment number as that on the bag
- Sold individually
- **Can store platelets up to 5 days**

NEEDLE SIZE	NEEDLE LENGTH	ITEM #
16Ga	1.0in	BBQ290



Silicone-coated ultra thin-wall needle for smooth and painless venipuncture

No unnecessary parts to get in the way!

High quality bags fit into any size centrifuge bucket

- Bag 1:** 450mL bag with 63mL CPD
- Bag 2:** 600mL bag with 100mL SAG-M
- Bag 3:** 600mL bag (empty)
- Bag 4:** 600mL bag for platelets

# Blood Filtration & Administration Sets with 200 Micron Filter - Small and Large Animal

For delivery of whole blood, red cells, platelets, cellular components, and fresh-frozen plasma for transfusion and autotransfusion.

- ALL SETS have a filtration area of 16 square centimeters
- Volume limit on ALL SETS depends on a variety of factors such as blood density and transfusion pressure

## High-Flow Blood Administration

- Set includes spike, drip chamber, large bore tubing, roller clamp, 200 micron blood filter, needle-free injection port, and SPINNER luer lock

Gravity flow rates (not pressurized) using simulated blood:	
No catheter	710mL/minute
MILA 14Ga x 13cm (5.25in)	180mL/minute
MILA 12Ga x 13cm (5.25in)	375mL/minute
MILA 10Ga x 15cm (6in)	475mL/minute

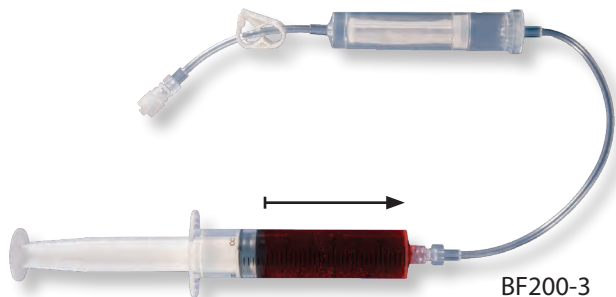
Ideal in large animal applications to filter and administer blood from a bag



BF200-2

## Syringe Administration

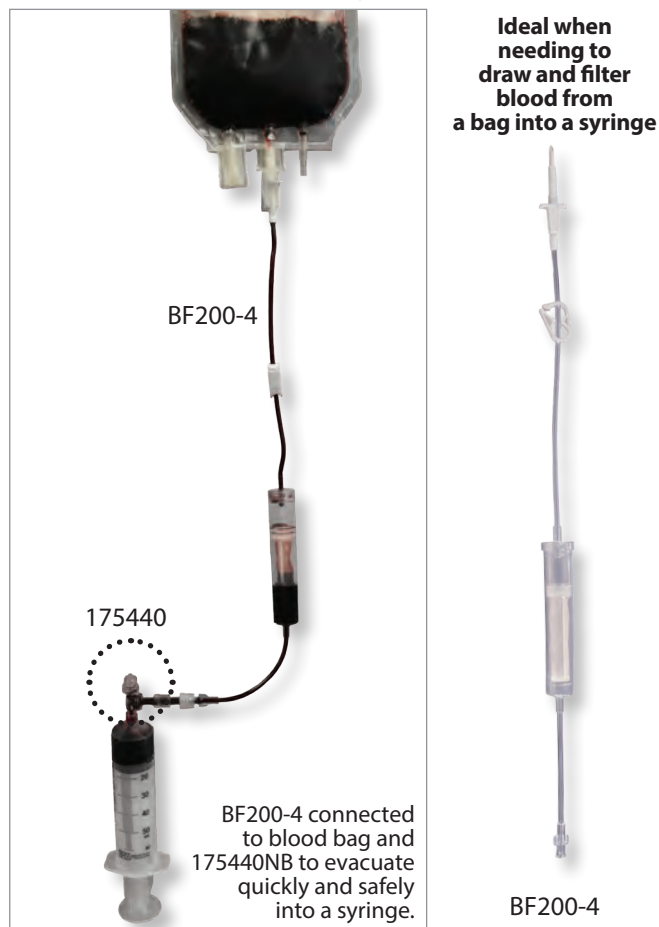
- Set includes female luer, large bore tubing, drip chamber, 200 micron blood filter, pinch clamp, and SPINNER luer lock



BF200-3

## Bag Administration

- Set includes non-vented spike, large bore tubing, pinch clamp, drip chamber, 200 micron blood filter, and female luer lock
- Connect to MILA Automatic 3-way set (on next page) to make a completely closed delivery system
- Can be used to filter autologous blood prior to AUTOTRANSFUSION. Refer to Pigott study (article named below). See next page for kits.



Ideal when needing to draw and filter blood from a bag into a syringe

BF200-4 connected to blood bag and 175440NB to evacuate quickly and safely into a syringe.

BF200-4

Miller, V. and Pigott, A. (2020) Traumatic haemothorax in a dog managed without surgery using a guidewire-inserted chest tube and a single closed system for collection and administration of autotransfusion. Veterinary Record Care Reports, 8:e001142

DESCRIPTION	LENGTH	PRIMING VOLUME	ITEM #
High Flow Blood Administration Set	203cm (80in)	36mL	BF200-2
Syringe Administration Set	43cm (17in)	4mL	BF200-3
Bag Administration Set	47cm (18in)	3mL	BF200-4

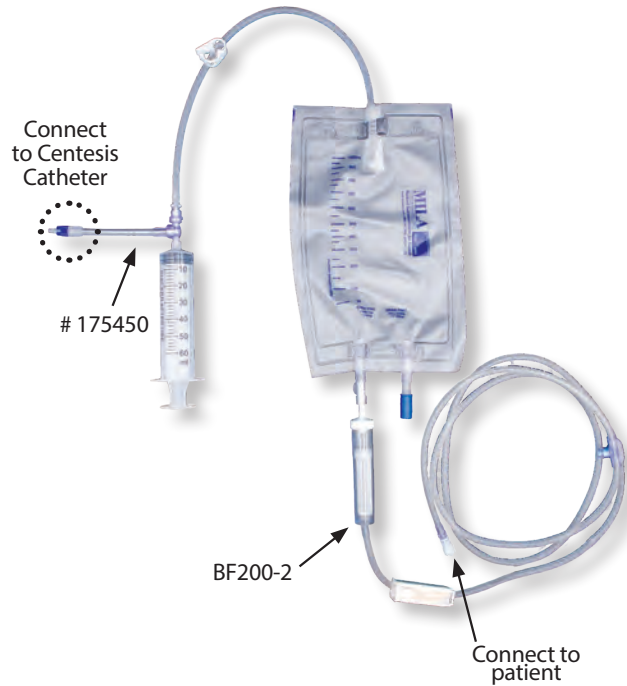
# Blood Transfusion/Autotransfusion

- Unique valve allows aspiration and evacuation without disconnecting the syringe and without turning a stopcock
- Automatic 3-way Set includes:
  1. 1000mL collection bag with anti-reflux valve, 38cm/15in drain line with luer lock, pull-down drain port, and spike port for autotransfusion
  2. Centesis adapter (see options below)
  3. Female luer lock barbed adapter included for connection to funnel hub tubes or those with an inner diameter of 8mm to 10mm that fits 20-40Fr flared tubes
  4. 60mL syringe
  5. Zip tie
- Valve does not induce hemolysis\*

\*Data on file at MILA

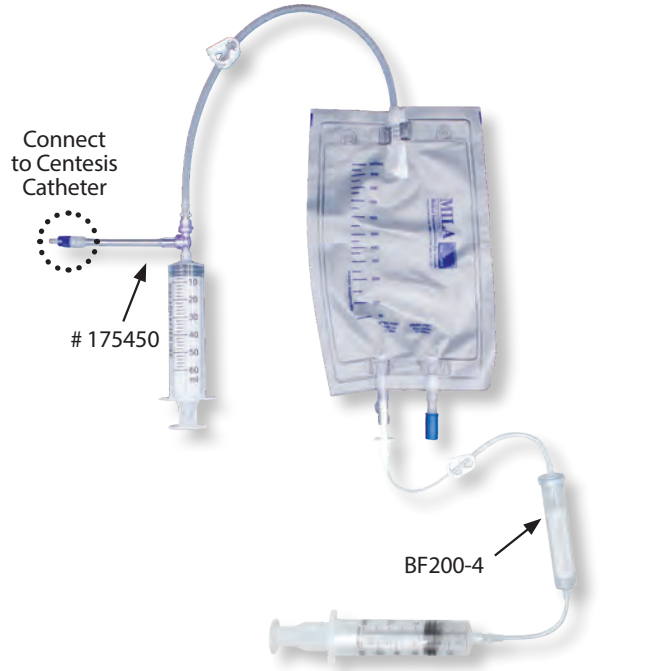
## Components needed for Transfusion/Autotransfusion to Patient

DESCRIPTION	ITEM #
Auto 3-way Set with 12cm (5in) Adapter	175450
Auto 3-way Set with 40cm (16in) Adapter	175460
High-Flow Blood Administration Set	BF200-2



## Components needed for Transfusion/Autotransfusion to Syringe

DESCRIPTION	ITEM #
Auto 3-way Set with 12cm (5in) Adapter	175450
Auto 3-way Set with 40cm (16in) Adapter	175460
Bag Administration Set	BF200-4

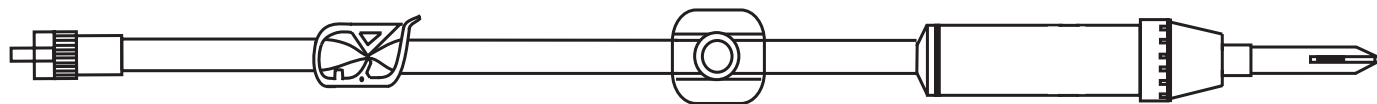


# Blood Collection Set

High flow collection set attaches directly to the venous catheter and vacutainer bottle.

- Set includes large bore tubing, injection site, drip chamber, and rotating male luer

LENGTH	PRIMING VOLUME	ITEM #
180cm (72in)	42mL	175484



## Foal Gastric Lavage Catheter

- Non-leaching, non-irritating, latex-free polymer (PVC hybrid) construction that becomes firm when cold and softens with body temperature
- Clear catheter body designed to easily visualize contents within catheter
- Radiopaque pink stripe eliminates need for contrast
- Smooth, polished, open tip with staggered eyelets help maintain tip strength during insertion and promote efficient drainage
- Funnel hub for connection to catheter-tip syringe
- Centimeter markings for precise depth placement

SIZE	LENGTH	ITEM #
24Fr	152cm (60in)	PP2460



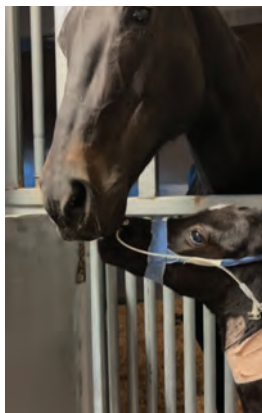
Photo courtesy of Andrea Whittle, LVT, VTS-EVN. Lexington, Kentucky



Staggered Eyelets

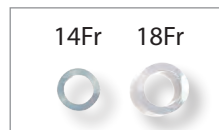
## Large Animal Nasogastric Feeding Tubes

- Use for gastric decompression and enteral feeding
- Non-irritating polyurethane with radiopaque stripe
- Stylet to facilitate insertion
- Centimeter markings
- Y-port for feeding, medicating, and flushing
- LENGTH ADJUSTABLE AFTER PLACEMENT by cutting the proximal end and replacing Y-port



SIZE	LENGTH		ITEM #
14Fr	125cm (50in)	FOALS	NG1450
18Fr	250cm (100in)	ADULTS	NG18100

Length adjustable AFTER placement with removable Y-Port



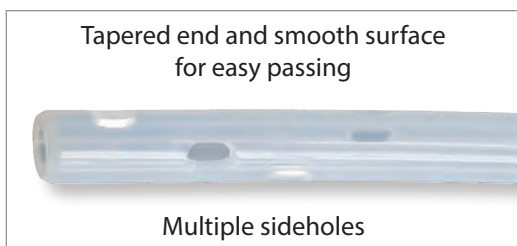
**NEW!**

## Stomach/Nasogastric Tubes

### Rigidity of tube is not affected by hot or cold temperatures

- Proprietary silicone with non-tack surface for easy insertion
- Funnel hub designed to fit most pumps
- Non-Sterile
- Reusable - Ethylene Oxide (EO) gas sterilization recommended

SIZE	ID	OD	LENGTH	BREED	ITEM #
28Fr	4.0mm	9.5mm	310cm (122in)	FOALS	ST28122
38Fr	6.4mm	12.7mm	370cm (146in)	SMALL	ST38146
48Fr	9.5mm	16.0mm	370cm (146in)	MEDIUM	ST48146
57Fr	11mm	19mm	370cm (146in)	LARGE	ST57146



**NEW!**

## Equine Transcutaneous Guttural Pouch Balloon Catheter Kit

Designed to provide long-term access for the treatment of a guttural pouch over several days.

Catheter is placed transcutaneously into the medial compartment of the guttural pouch enabling local administration of treatment in gaseous or liquid form, passive drainage, or active aspiration of guttural pouch contents.

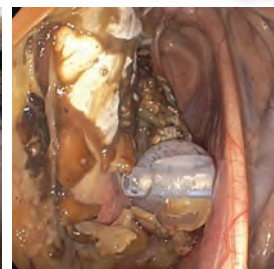
- Introduction uses Seldinger technique and peel-away dilator sheath
- 20Fr x 10cm (3.94in) radiopaque catheter with centimeter markings and open tip
- Can be left indwelling for days and used for multiple treatments.
- Short catheter tip reduces the risk of mucosal irritation
- Large funnel Y-port with tethered caps
- Adjustable fixation ring prevents catheter migration
- Kit includes:
  1. Scalpel
  2. Catheter-over-needle introducer
  3. Guidewire
  4. 12Fr dilator
  5. 24Fr dilator with peel-away introducer sheath
  6. Catheter with fixation ring, clamp, and 5-10mL retention balloon
  7. Three cotton pads
  8. Suture pack
  9. Syringe



DESCRIPTION	ITEM #
Equine Transcutaneous Guttural Pouch Balloon Catheter Kit	9500-BC



See 2025 publication by clicking the icon. Lepage H, et al. Endoscopically assisted transcutaneous placement of a balloon catheter in the medial guttural pouch compartment of the horse: a surgical approach to local treatment. Vet Surgery 2025, DOI: 10.1111/vsu.70059



Developed by Olivier M. Lepage, DVM, PhD, DECVS, Professor of Surgery at the Equine Health Centre of the Ecole nationale Vétérinaire de Lyon, VetAgro Sup.

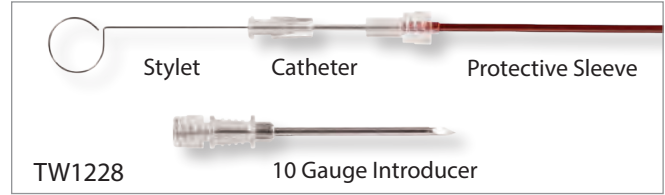
# Large Animal Trans-Tracheal Wash Kit/TTL



Percutaneous catheter-over-needle insertion method into the trachea. The semi-rigid flushing catheter has a stylet and luer adapter. The flushing catheter is packaged in a protective sleeve to allow aseptic handling without a glove.

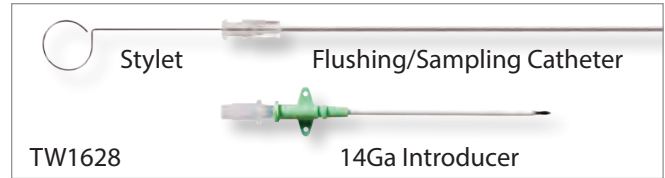
### HORSES/FOALS

SIZE	LENGTH	INTRODUCER	ITEM #
12Ga	70cm (28in)	10Ga	TW1228



### NEONATE FOALS

SIZE	LENGTH	INTRODUCER	ITEM #
16Ga	70cm (28in)	14Ga	TW1628



### Recommended Accessory

DESCRIPTION	ITEM #
Three-way with luer lock (10 pack)	2405



Connect to tracheal wash for easy flushing and aspirating

2405

# Large Animal Bronchoalveolar Lavage Catheter (BAL)

- Open-end, silicone, radiopaque, heavy wall tube for lavage via the nasotracheal route
- Distal 30mL balloon cuff can be inflated to prevent retrograde fluid flow around the tube and help stabilize the placement
- Both aspiration and irrigation syringes can be attached to the stopcock at the same time (one stopcock included)
- Sterilization with Ethylene Oxide (EO) gas is recommended for reuse - replacement 3-way stopcock (item #2400) is required

SIZE	OD	ID	LENGTH	ITEM #
24Fr	8mm	2.5mm	200cm (79in)	BAL200
30Fr	10mm	2.5mm	240cm (96in)	BAL240
30Fr	10mm	2.5mm	300cm (120in)	BAL300



### Recommended Accessories

DESCRIPTION	ITEM #
Replacement Stopcock (10 pack)	2400
Controlled Flushing Set - to administer flush aliquots from a IV bag rather than multiple syringes. - see page 114	CFS36



CFS36



2400

# Accessories and Components

## Barbed Adapters

Each individually packed and sterile.

DESCRIPTION	FITS TUBE SIZES	BOX QTY	ITEM #
Dual End Barbed Adapter	7.5mm-15mm	10	2300
Dual End Barbed Adapter	Small end 4.5-7.5mm/Large end 7-11mm	10	2320
Barbed adapter with female luer	7mm to 10.5mm	10	2350
Barbed adapter with female luer	4mm to 8mm	10	2360
Barbed adapter with male luer	4mm to 8mm (Ideal for oxygen)	10	2370
Barbed adapter with male luer	7mm to 10mm	10	2380

**Will it fit?**  
Place the tubing over the photo to find out!



2300

Actual Size



2320

2350

2360

2370

2380

Actual Size

Actual Size

Actual Size

Actual Size

Actual Size

## Connectors

Each individually packed and sterile.

DESCRIPTION	BOX QTY	ITEM #
Female to Female Luer Connection	10	2440
Male to Male Luer Connection	10	2445
Three female connectors with a rotating male luer lock	10	2460

Actual Sizes



2440



2445

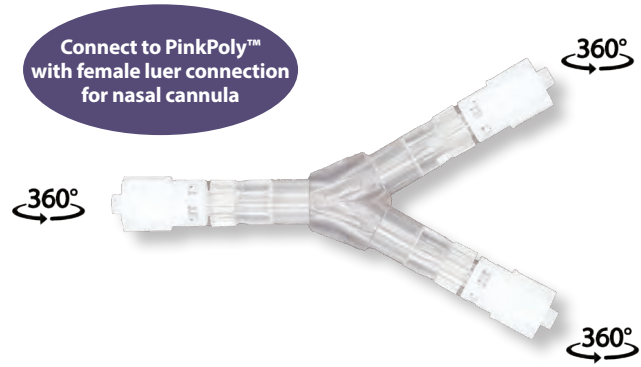


2460

# Accessories and Components

## Pneumatic Y-Connector with SPINNERS

- Durable wide-bore Y-piece
- 3 male luer lock connectors with SPINNERS
- Ideal for splicing bilateral chest tubes or PinkPoly™ catheters used for nasal oxygen therapy (additional adapters may be required)



DESCRIPTION	ITEM #
Pneumatic Y-Connector with SPINNERS	2475

## 0.2 Micron In-Line Bacteria Filter

Each individually packed and sterile.

- Surface area: 5 square centimeters
- Volume limit depends on bacteria burden of liquid being filtered



DESCRIPTION	BOX QTY	ITEM #
0.2 Micron Bacteria Filter	10	2420

## Stopcocks

Each individually packed and sterile.

DESCRIPTION	BOX QTY	ITEM #
Three-way with luer slip	10	2400
Three-way with luer lock	10	2405
Three-way with 8 inch extension	N/A	2408
Four-way with High Flow Needle-Free Valves	N/A	2412



2400



2405



2412

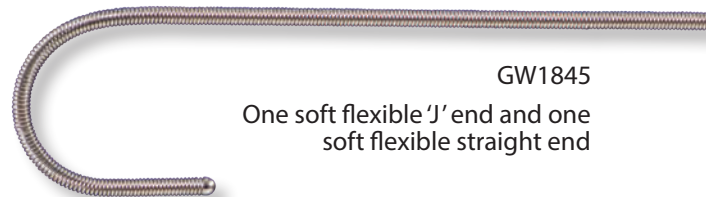


2408

## Guidewires

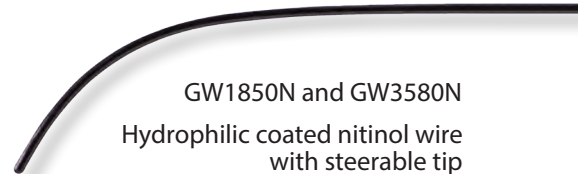
- Item #GW1845 is stainless steel
- Item #GW1850N, GW2170N and GW3580N are hydrophilic-coated nitinol wire with steerable tip

DIAMETER	LENGTH	ITEM #
0.018in	45cm	GW1845
0.018in	50cm	GW1850N
0.035in	80cm	GW3580N



GW1845

One soft flexible 'J' end and one soft flexible straight end



GW1850N and GW3580N

Hydrophilic coated nitinol wire with steerable tip

ITEM #	PAGE #								
1006	21	8095	23	8V0002	111	CYGA24	45/57	ETN15	84
12-004	97	8098	23	B1220	9	CYGA28	45/57	ETUN14	65
12-006	98	8099	23/35	BAL200	81/125	DIFF2	52	ETUN18	65
12-007	97	8200	23	BAL240	81/125	DIFF4	52	ETUN20	65
12-008	97	8515	33	BAL300	81/125	DIFF6	52	ETUN30	65
12-009	35/97	8518	29	BB-ADD	118	DIFF7	52	E-Y	64
12-010	35/97	8518M	29	BBD093	117	DIFF9	52	EZ1515	17
12-055	98	8530M	29	BBMINI18	118	DR7	18/49/56	EZ1525	17
1211	20	8540	28	BBMINI19	118	E1030	64	EZ1545	17
1212	21	8541	28	BBS070	117	E1413	64	EZC-5	17
1402	21	8544	32	BBQ290	119	E1430	64	EZPD-3	17
1403	20	8545	30	BE1012	67	E1450	64	EZTN15	17
1404	21	8550M	32	BE1415	67	E1808	77/101	EZTN25	17
1404F	21/73	8560	28	BE1420	67	E1830	64	EZTN45	17
1411	20	8570	30	BE1825	67	E2008	77/101	FB500	56/59
1412	21	8570M	30	BE1830	67	E2103	77/101	FB1000	56/59
1412F	21/73	8572	31	BE18MI	65/67	E2104	77/101	FCT4	103
1603	20	8572M	31	BE22MI	65/67	EDC190	80/108	FCT12	103
1604	21	8573M	30	BE26MI	65/67	EDC200	80/108	FM2000	47/99
1604F	21/73	8574M	32	BE-ACC	67	EDC220	80/108	FM2400	47/99
1611	20	8575	31	BE-BIG60	67	EDC400	80/108	FM2800	47/99
1612	21	8575M	31	BF15	116	EMAC700	80/108	FMRB	47/99
1804	21	8577M	30	BF150	116	EMAC700L	80/108	FTE60	33/59
1804F	21/73	8584M	32	BF18	116	EMAC800	80/108	FTE60-EF	61
1806	100	8585	28	BF200-2	120/121	EP810	109	FTE60-EFF	61
1808	100	8585M	28	BF200-3	120	ERD-235	109	FTS18	110
1810	100	8585M-A	33	BF200-4	120/121	ETA25	92	G100	79
1811	20	8587M	32	BL11	49/78	ETA30	92	G150	79
1903	100	8590	27/29	BL8	49/78	ETA35	92	G200	79
2008	100	8590-PL	27/29	BMAN11	36	ETA40	92	G400	79
2206	100	8590M	27/29	BMAN13	36	ETA50	92	GDV1	51
2300	55/126	8590MS	27/29	BMAN15	17/36	ETC20	84	GDV2	51
2320	55/126	8590S	27/29	BMAN18	17/36	ETC25R	85	GDV3	51
2350	46/55/71/126	8590V-PL	27/29	BMAN8	36	ETC30R	85	GDV4	51
2360	126	8671	28	BN1408	36	ETC35R	85	GW1845	127
2370	55/126	8700	29	BN1415	36	ETC40R	85	GW1850N	127
2380	55/126	8718	29	BN1608	36	ETC45R	85	GW3580N	127
2400	81/125/127	8771	29	BN1615	36	ETC50R	85	H2900	70
2405	80/81/125/127	90503	19	BS515	79	ETC55R	85	H5300	70
2408	33/127	90503-CS120	19	BS715	79	ETC60R	85	HDL1216	48
2412	127	91110	19	BS1015	79	ETC65R	85	HDL1225	48
2420	52/103/127	91110-CS30	19	C48	50	ETC70R	85	HDL716	48
2440	126	9203	53	C48-SS	50	ETC75R	85	HDL814	48
2445	126	9206	53	CFS36	81/107/114/125	ETC80R	85	HDL816	48
2460	126	9500-BC	124	CG100	71	ETC85R	85	IV2619	22
2475	55/127	175250	97/98/115	CG150	71	ETC90R	85	IV2419	22
2485	113	175255	97/98/115	CG200	71	ETC95R	85	IV2225	22
2675	21	175278	115	CG400	71	ETC100R	85	IV2025	22
3240	15	175380	72	CPDA1	116	ETC555	84	IV2032	22
3360	15	175420	70	CT1206	68	ETC655	84	IV1832	22
3460	15	175425	70	CT1210	68	ETC755	84	IV1848	22
3560	15	175440	74	CT1215	69	ETC855	84	IVBA	18/113
3565	15	175440NB	75	CT12Fr16	68	ETC955	84	JP4	78
4203	15	175450	74/121	CT1404	68	ETC1055	84	JP7	78
4204	15	175450NB	75	CT1410	68	ETC1155	84	JP10	78
4205	15	175460	74/121	CT1415	69	ETC1255	84	JP13	78
4205.5	15	175460NB	75	CT2015	69	ETCZ-7	86	LA1220	9
4206	15	175480	33	CT2022	69	ETCZ-9	86	LA1415	9
4206.5	15	175484	122	CT3022	69	ETCZ-11	86	LA1415-2P	9
5380	93	175490	104	CTT10S	69	ETCZ-12	86	LA1420	9
5400	37	175493	104	CTT12S	69	ETCZ-12-F	86	LA1420-2P	9
5400K	37	175497	114	CTT14S	69	ETCZ-14	86	LA1420-A	9
6612	102	175498	114	CTT16	69	ETCZ-14-F	86	LA1420-PI	14
6613	102	175499	114	CTT20	69	ETE0880	93	LA1611-A	9
6615	102	175500	115	CTT24	69	ETE10150	93	LA1615	9
7100	103	175720	114	CTT28	69	ETE1080	93	LA1615-2P	9
8080	23	175800	72	CTT32	69	ETE1580	93	LA1615-A	9
8090	23/55	175950	115	CYGA20	45/57	ETN10	84	LA1615-PI	14

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LA1620	9	NGP1071	58	PP1847	54	SAC6	50	UC1621	41
LA1620-2P	9	NGP1071-EF	60	PP2460	54/63/123	SC15MM	80/92	UC1625	41
LA1620-A	9	NGP1243	58	PP316	54/80	SE1215	63	UC1821	41
LA7FD15	11	NGP1243-EF	60	PP516	54/80	SE1415	63	UC2021	41
LA7FD20	11	NGP1243W	59	PP816	54	SE2015	63	UC2221	41
LA7FT15	13	NGP1243W-EF	60	PP822	54/80	SE2022	63	UC2416	41
LACS1	110	NGP1255	58	PP842	54/80	SE2030	63	UC2459	41
LACS-EX	113	NGP522S	58/103	PPD	13	SE3022	63	UC2000K	46/99
LACS-PS	112	NGP522S-EF	60	PPD10	13	SE3044	63	UC306	38
LAET16	88	NGP536S	58	PT625	48	SFBH	111	UC306S	38
LAET18	88	NGP622	58	PT825	48	SP07	78	UC310	38
LAET20	88	NGP622-EF	60	QC143	21	SP10	78	UC310S	38
LAET22	88	NGP622S	58	QC143-B	21	SP12	78	UC412	40
LAET24	88	NGP622W	59	QC145	21	SP15	78	UC506	38
LAET26	88	NGP622W-EF	60	QC145-B	21	SP19	78	UC506S	38
LAET28	88	NGP636	58	QC163	21	ST28122	124	UC510	38
LAET30	88	NGP636-EF	60	QC163-B	21	ST38146	124	UC510S	38
LAN190	108	NGP836	58	QC165	21	ST48146	124	UC512	40
LATT14	95	NGP836-EF	60	QC165-B	21	ST57146	124	UC521	40
LATT16	95	NGP836S	58	RPEG16	56	T1803	53/100	UC600	46
LATT18	95	NGP843	58	RPEG20	56	T1806	53/100	UC600K	46/49/99
LATT20	95	NGP843-EF	60	RT1160	90	T2025	53/100	UC612	40
LATTstrap	95	NGP843W	59	RT1460	90	T2035	53/100	UC624	40
LLD1925	16	NGP843W-EF	60	RT1670	90	T2215	53/100	UC636	40
LLD2020	16	NGP855	58	RT1875	90	T2225	53/100	UC812	40
LLD2220	16	NGP855-EF	60	RT2080	90	T2235	53/100	UC824	40
M5555	57	NGSYR-1	61	RUC655	44	TTC35	94	UC836	40
MC40	30	NGSYR-20	61	RUC855	44	TTC40	94	UCG610	45
MC43	30	NGSYR-3	61	RUC1055	44	TTC45	94	UCG810	45
MC44	32	NGSYR-5	61	SA1420	9	TTC50	94	UCT	46
Mic-Key	57	NGSYR-60	61	SA1609	9	TTC55	94	UFC3680	104
NB2108	52/77/100	OC1020	82	SA1615	9	TTC60	94	UFT28190	104
NB2110	52/77/100	OC1220	82	SA1620	9	TTC65	94	UVB10	33
NB2205	52/77/100	OC516	82	SA1630	9	TTC70	94	UVB60	33
NBCA	76	OC616	82	SA1806	9	TTC75	94	UVB-B	33
NBCC	76	OC820	82	SA1815	9	TTC80	94	WD7	18
NBMP	76	OCRL	107	SA1825	9	TTC85	94		
NB-STIM	76	OCRN	107	SA1915	9	TTC90	94		
NG1036	62	OCRN-2	107	SA1915-PI	14	TTC95	94		
NG1036W	62	OCS	106	SA1925	9	TTC100	94		
NG1043	62	OCS-2	106	SA1925-PI	14	TTCIC50	95		
NG1043W	62	OCSA	107	SA2006	9	TTCIC60	95		
NG1055	62	OEC-1516	51	SA2012	9	TTCIC70	95		
NG1243	62	OSD	103	SA2210	9	TTCIC80	95		
NG1243W	62	OT2113	50/101	SA2410	9	TTNC25	94		
NG1450	62/123	OT2125	50/101	SA4FD08	11	TTNC30	94		
NG18100	62/123	OT2140	50/101	SA4FD08-PI	14	TTNC35	94		
NG310S	62	OT2330	101/103	SA4FD13	11	TTNC40	94		
NG522S	62	OTC2320	101/103	SA4FD13-PI	14	TTNC45	94		
NG622	62	PAUC4	41	SA4FD30	11	TTNC50	94		
NG622W	62	PAUC5	41	SA5FD08	11	TTNC55	94		
NG636	62	PAUC6	41	SA5FD08-PI	14	TW1228	81/125		
NG843	62	PBC20	45/63	SA5FD13	11	TW1616	80		
NG843W-3	62	PEG16	56	SA5FD13-PI	14	TW1628	80/81/125		
NG843W-7	62	PEG20	56	SA5FD25	11	UAS	42		
NG855	62	PIN1	34	SA5FT08	13	UAS-INT	42		
NGCAP-EF	61	PIN2	34	SA5FT13	13	UC1000	46		
NGP1036	58	PIN3	34/116	SA5FT30	13	UC1000K	46/49/99		
NGP1036-EF	60	PIN13	35	SA7FD15	11	UC1012	40		
NGP1036S	58	PIN20	35	SA7FD20	11	UC1018	40		
NGP1036W	59	PIN28	35	SA7FD30	11	UC1036	40		
NGP1036W-EF	60	PP1016	54	SA7FD60	11	UC1212	41		
NGP1043	58	PP1022	54	SA7FT15	13	UC1221	41		
NGP1043-EF	60	PP1042	54	SA7FT20	13	UC1409	41		
NGP1043W	59	PP1216	54	SA7FT30	13	UC1421	41		
NGP1043W-EF	60	PP1222	54	SA7FT60	13	UC1221	41		
NGP1055	58	PP1416	54	SA8FQ20	13	UC1409	41		
NGP1055-EF	60	PP1816	54	SAC4	50	UC1421	41		

# Ordering Information

## Placing an Order

1. Website: [www.milaint.com](http://www.milaint.com)  
 Phone: +1 859-957-1722  
 WhatsApp: +1 859-957-1722  
 Toll Free: 888-645-2468  
 Email: [customerservice@milaint.com](mailto:customerservice@milaint.com)
2. Order directly from MILA on our website, by phone or email. Most orders placed directly with MILA will ship same day.  
 OR
3. Order through an authorized distributor.
4. Credit cards accepted.

## Returns

1. Notification must be given before return.
2. Full credit will be allowed for the following conditions:
  - A. Merchandise shipped in error against a purchase order. MILA must be notified within 10 days of receipt.
  - B. Merchandise damaged in transit. MILA must be notified within 10 days of receipt.
3. When unopened merchandise is authorized to be returned for any reason other than above, credit will be:
  - 80% - within 60 days of receipt
  - No credit - past 60 days of receipt

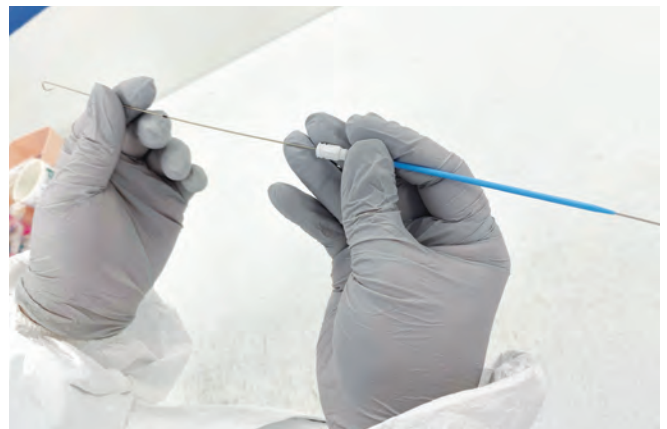
Prices Subject to Change Without Notice.

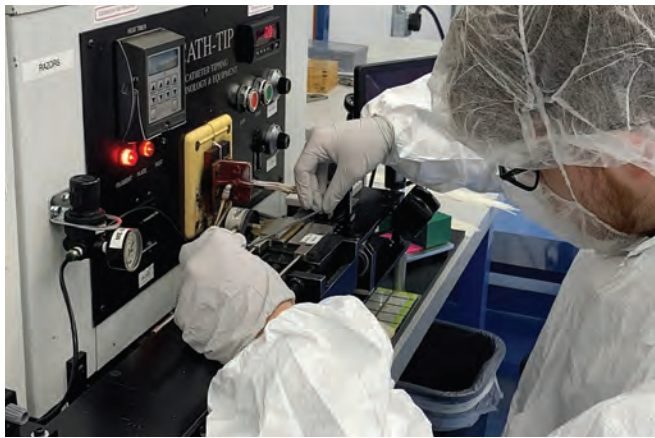
Click the icon to initiate a return request.



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Have a custom need? Separately packaged sterile components? A custom kit for your hospital? There are reasonable minimum order requirements. Click the icon to access the request form.





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*Medical Instrumentation for Animals*



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MILA International, Inc.  
1201 Aviation Blvd., Suite 100  
Hebron, KY 41048 USA

Phone +1 859-957-1722  
WhatsApp +1 859-957-1722  
Toll free 888-MILA INT (645-2468)  
Web [www.milaint.com](http://www.milaint.com)

