

Ordering Information

Placing an Order

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 Order directly from MILA on our website, by phone or email. Most orders placed directly with MILA will ship same day.

OR

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4. Credit cards accepted.

Returns

- 1. Notification must be given before return.
- 2. Full credit will be allowed for the following conditions:
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 - 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.

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MILA Education Center





The MILA Education Center provides various resources such as product videos, published articles, labs, and free RACE-approved continuing education webinars. This curriculum is designed to enhance your skills and improve your standards of care as you strive for clinical excellence.

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https://www.milainternational.com/education-center/to see upcoming courses.

If you have questions about our education program or are interested in becoming a speaker, please send an email to:

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Catalog Request





Click the icon above to request the full 2025 catalog.

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.

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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

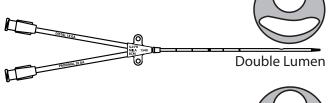
Choose the catheter kit from pages 6-8 based on the features below:

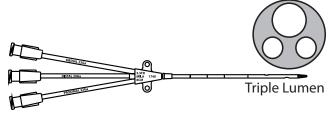
- 1) Insertion Technique:
 - Guidewire Introduction
 - Peel-Away Introduction
- 2) Number of Lumens:
 - Single
 - Double
 - Triple
- 3) Catheter Length
- 4) Catheter Type:
 - Standard
 - Antimicrobial
- 5) Preferred Extensions:
 - Integrated Extension Lines
 - Separate Extension Lines

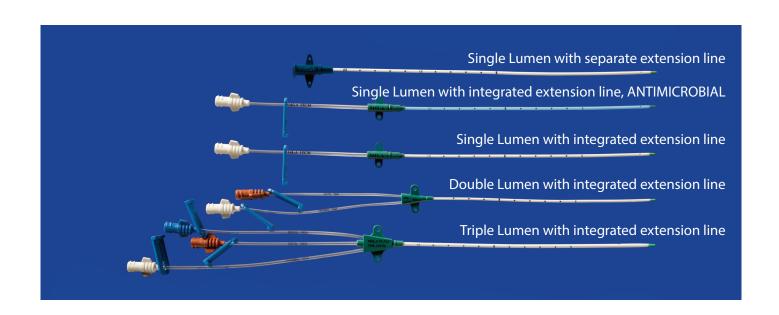
Single Lumen Catheters - Available with integrated or separate extension lines. The 14Ga catheters have a side and distal exit port.



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









GUIDEWIRE INTRODUCTION of a Long-Term MILACATH®





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



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



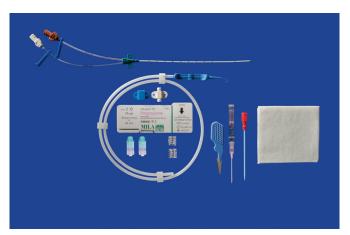
TISSUE DILATOR: Keeping the guidewire stable, remove the introducer catheter. Feed the dilator onto the guidewire. Pinch the skin proximal to the insertion site to create a skin tent and use firm pressure to introduce the dilator. Use the provided scalpel to make a small skin nick if needed. Do not feed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



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. **



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®





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.



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



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.

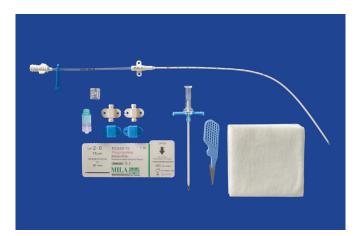


Once the peel-away has been completely split and removed, push the remainder of the catheter to the required depth.



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

Everything you need to place and secure the catheter.

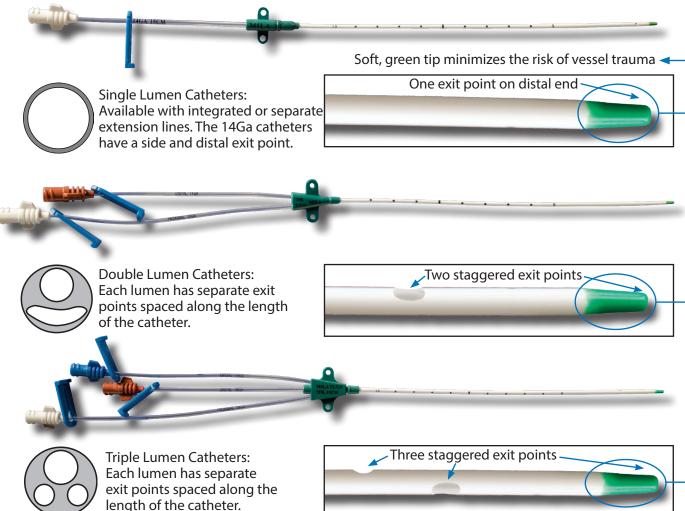




Gauze

KITS INCLUDE:

- Single, Double or Triple Lumen Catheter
- Extension Line with Clamp (integrated or separate. See chart on next page.)
- 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



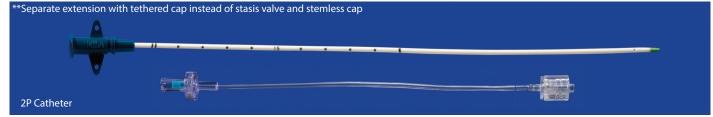
Single Lumen

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						

20cm (8in) 12Ga

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.



Double Lumen

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

Triple Lumen

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



Everything you need to place and secure the catheter.





KITS INCLUDE:

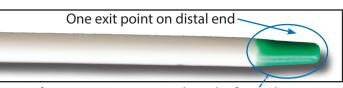
- Peel-Away Introducer
- Catheter with Integrated Extension and Clamp
- Suture Wing(s)
- Suture Clamp(s)
- Size 15 Scalpel
- 2-0 Polypropylene Suture with Curved Needle
- 2-0 Polypropylene Suture with Straight Needle
- Needle-Free Stasis Valve
- Stemless Cap
- Gauze (4)

Gauze





Single Lumen Catheters: Available with integrated line. The 14Ga catheters have a side and distal exit point.

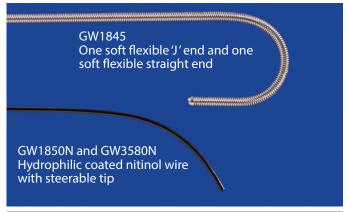


Soft, green tip minimizes the risk of vessel trauma

Single Lumen with Integrated Extension Line

GAUGE	FRENCH	LENGTH	PEEL-AWAY INTRODUCER		ITEM #
16Ga	5Fr	15cm (6in)	5Fr x 3.75cm (1.5in)	FOALS	LA1615-PI
14Ga	6Fr	20cm (8in)	6Fr x 3.75cm (1.5in)		LA1420-PI

Guidewires



DIAMETER	LENGTH	MATERIAL	ITEM #
0.018in	45cm	Stainless Steel	GW1845
0.018in	50cm	Hydrophilic Nitinol	GW1850N
0.035in	80cm	Hydrophilic Nitinol	GW3580N

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

Stasis Valve

The only injection port you need for ALL applications

Needle-free connector that prevents blood reflux into the catheter.

- Reduces the risk of occlusion and eliminates the need to clamp the line when not in use
- Heparin not required
- Higher flow rate than MicroClave®

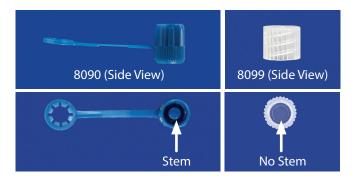


DESCRIPTION	ITEM #
Stasis Valve (Neutral Displacement Injection Port)	8200

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, nonsterile. 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)	8099



Extended Use MILACATH®

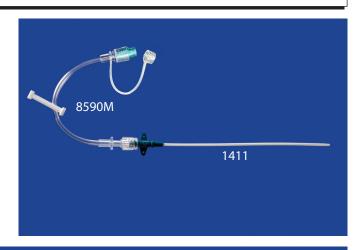
Catheter-over-Needle Introduction Style

Indwell Time Up to 30 days



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

SIZE	LENGTH	ITEM #
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





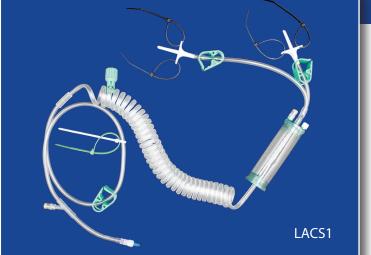
The original MILA Catheter: 1411



See pages 14-21 for extension sets and ports.

Use with MILA DuraFlow™ IV Coil Set

See page 22 for details



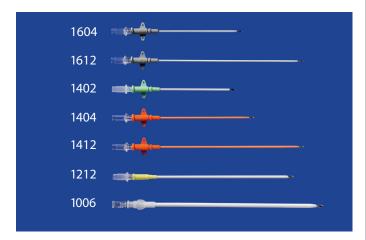
Short-Term MILACATH[®]

Indwell Time Up to 24 hours

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

SIZE	LENGTH	ITEM #
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

- 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	BOX QTY	ITEM#
16Ga	8.25cm (3.25in)	20	QC163-B
16Ga	14cm (5.5in)	20	QC165-B
14Ga	8.25cm (3.25in)	20	QC143-B
14Ga	14cm (5.5in)	20	QC145-B



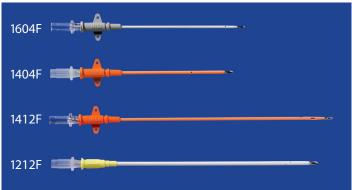
Short-Term Fenestrated Catheters

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 #
16Ga	7.5cm (3in)	1604F
14Ga	9cm (3.5in)	1404F
14Ga	13cm (5.25in)	1412F
12Ga	13cm (5.25in)	1212F*





Pre-Filled Saline Syringes

For U.S. Customers Only

3mL Pre-Filled Saline in 5mL Syringe 10mL Pre-Filled Saline in 10mL Syringe

NO MORE MANUALLY FILLING YOUR IV FLUSH SYRINGES!

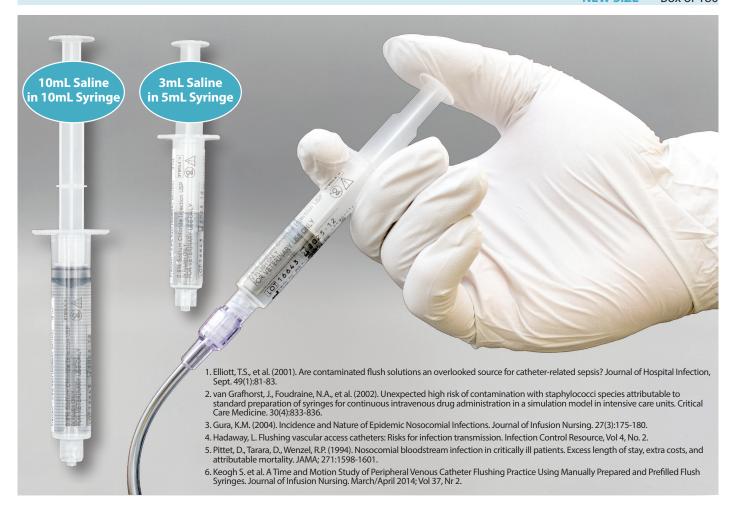
REDUCE RISK OF NOSICOMIAL INFECTION

- 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 1,2,3
- 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)4,5

REDUCE COST

- Pre-filled flush syringes are less expensive than manually prepared syringes when all factors are included in the
- Ready-to-use, pre-filled, and pre-assembled; no additional components to buy
- Reduces catheter flushing time in comparison to manually prepared flush syringes⁶
- No more wasted time filling syringes! Improve staff efficiency and workflow by eliminating steps and time involved in the manual preparation of saline syringes

DESCRIPTION ITEM # Pre-filled syringe, 3mL of 0.9% Sodium Chloride Injection USP in a 5mL syringe, IV Flush Only 90503 Box of 720 Pre-filled syringe, 10mL of 0.9% Sodium Chloride Injection USP in a 10mL syringe, IV Flush Only 91110 **NEW SIZE** Box of 180



Injection Ports

FEATURE	Item #8200*	Item #8098	Item #8095	Item #8080
The stasis valve, item #8200, is RECOMMENDED FOR ALL APPLICATIONS	Compare to MicroClave®	\otimes		
Needle-Free	✓	✓	✓ /	
Swabable	✓ /	✓		
Neutral Displacement	✓			
Transparent	√	✓	/	
Bi-Directional	√	√	/	
Approved for Saline Flush	✓ /	√		
High Flow	✓ /		/	
Normally Closed	1	√	/	/

• 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).

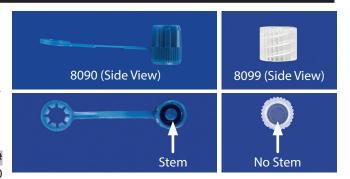
• Safety Injection Port (Item # 8080) has a built-in stop to prevent accidental catheter or tubing puncture.

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, non-sterile. Keeps injection ports clean without opening the valve, works with all needle-free injection ports, including stasis valves

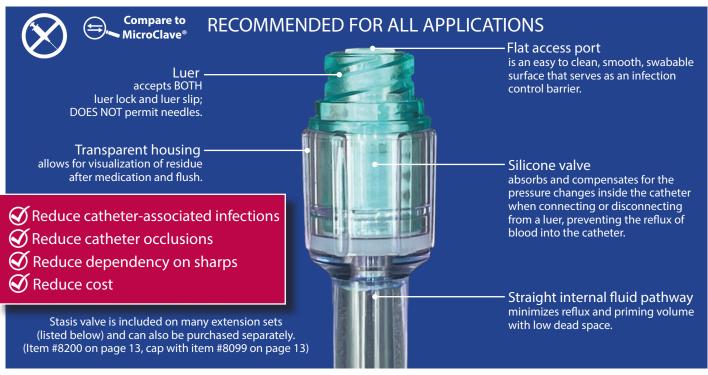
DESCRIPTION	ITEM #
Tethered Cap	8090
Stemless Luer Lock Cap (10 Pack)	8099



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



Item numbers that include this feature: 8518M, 8530M, 8550M, 8570M, 8572M, 8573M, 8574M, 8575M, 8577M, 8584M, 8585M, 8587M, 8590M and 8590MS

Normally Closed Valve

- Luer activated valve is needle-free and bi-directional for infusion and sampling
- Cap with 8090 or 8099 see page 13



Normally Closed Valve can also be purchased separately (Item #8095 on page 13)

Item numbers that include this feature: 8518, 8570, 8572, 8575, 8585, 8590, and 8590S

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

Item numbers that include this feature: 8518M, 8530M, 8550M, 8585M, 8587M, 8590S, 8590MS and 8700



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

Item numbers that include this feature: 175480, 2408, 8515, 8518, 8570, 8570M, 8572, 8572M, 8574M, 8575, 8575M, 8577M, 8584M, 8585, 8590, 8590M, 8671 and 8718

Tethered Cap



• Tethered cap included on all extension sets with stasis valve to keep it clean and free of debris when not in use

Item numbers that include this feature: 8518M, 8530M, 8550M, 8570M, 8572M, 8573M, 8574M, 8575M, 8577M, 8584M, 8585M, 8587M, 8590M, and 8590MS

Needle Injection Ports

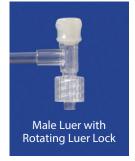
Injection Port with Male Luer Slip



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

Item number that include this feature: 8573M

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

Item numbers that include this feature: 8545, 8570, 8570M, 8572, 8572M, 8575, 8575M, and 8577M

Small Bore - 16 Gauge

8585M - Straight Extension Set with Stasis Valve, Tethered Cap, Clamp, 360° SPINNER

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



8585 - Straight Extension Set with Normally Closed Valve, Rotating Male Luer Lock

SIZE	LENGTH	PRIMING VOLUME	ITEM #
16Ga	18cm (7in)	0.3mL	8585



8671 - Straight Extension Set with Female Luer, Clamp, and Rotating Male Luer Lock.

SIZE	LENGTH	PRIMING VOLUME	ITEM#
16Ga	180cm (71in)	2.4mL	8671





Straight Extension Sets

Large Bore

Large Bore - 13 Gauge

8590 and **8518** - Straight Extension Set with Normally Closed Valve and Rotating Male Luer Lock

SIZE	LENGTH	PRIMING VOLUME	ITEM #
13Ga	19cm (7.5in)	1.3mL	8590
13Ga	46.5cm (18in)	2.5mL	8518



SIZE	LENGTH	PRIMING VOLUME	ITEM#
13Ga	19cm (7.5in)	1.1mL	8590S

8590MS, 8518M and **8530M** - Straight Extension Set with High Flow Stasis Valve, Tethered Cap, Clamp, 360° SPINNER

SIZE	LENGTH	PRIMING VOLUME	ITEM #
13Ga	18cm (7in),	0.9mL	8590MS
13Ga	45cm (18in)	2.8mL	8518M
13Ga	76cm (30in)	4.6mL	8530M

8590M - Straight Extension Set with High Flow Stasis Valve, Tethered Cap, Clamp, Rotating Male Luer Lock

SIZE	LENGTH	PRIMING VOLUME	ITEM#
13Ga	18cm (7in)	1.0mL	8590M

 $\bf 8700$ - Straight Extension Set with Female Luer, Clamp, $\bf 360^\circ$ SPINNER

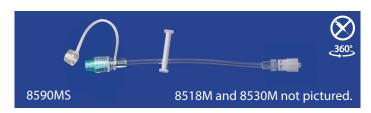
SIZE	LENGTH	PRIMING VOLUME	ITEM #
13Ga	18cm (7in)	1.0mL	8700

8718 - Straight Extension Set with Female Luer, Clamp, Rotating Male Luer Lock

SIZE	LENGTH	PRIMING VOLUME	ITEM #
13Ga	46cm (18in)	2.3mL	8718

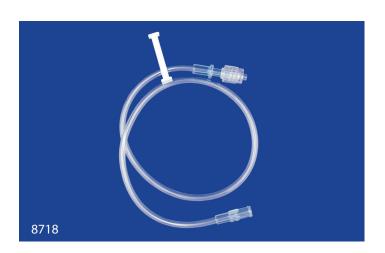












Small Bore - 16 Gauge

8570 - T Extension Set with Normally Closed Valve, Clamp, Injection Site, Rotating Male Luer Lock

SIZE	LENGTH	PRIMING VOLUME	ITEM#
16Ga	13cm (5in)	0.3mL	8570

8570M - T Extension Set with Stasis Valve, Tethered Cap, Clamp, Injection Site, Rotating Male Luer Lock

SIZE	LENGTH	PRIMING VOLUME	ITEM#
16Ga	18cm (7in)	0.4mL	8570M

8573M - T Extension Set with Stasis Valve, Tethered Cap, Clamp, Injection Site, Luer Slip

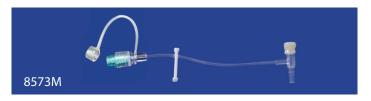
SIZE	LENGTH	PRIMING VOLUME	ITEM#
16Ga	18cm (7in)	0.4mL	8573M

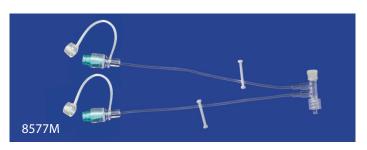
8577M - Double T Extension Set with 2 Stasis Valves, 2 Tethered Caps, 2 Clamps, Injection Site, Rotating Male Luer Lock

SIZE	LENGTH	PRIMING VOLUME	ITEM#
16Ga	20cm (8in)	0.4mL per lumen	8577M











Large Bore - 12 Gauge

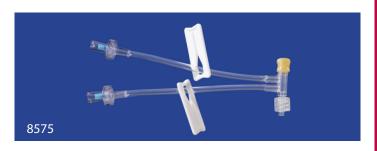
8572 - T Extension Set with Normally Closed Valve, Clamp, Injection Site, Rotating Male Luer Lock

SIZE	LENGTH	PRIMING VOLUME	ITEM #
12Ga	13cm (5in)	0.9mL	8572



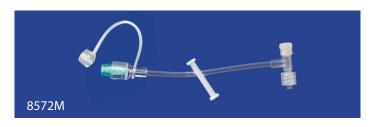
8575 - Double T Extension Set with 2 Normally Closed Valves, 2 Clamps, Injection Site, Rotating Male Luer Lock

SIZE	LENGTH	PRIMING VOLUME	ITEM #
12Ga	13cm (5in)	0.9mL per lumen	8575



8572M - T Extension Set with High Flow Stasis Valve, Tethered Cap, Clamp, Injection Site, Rotating Male Luer Lock

SIZE	LENGTH	PRIMING VOLUME	ITEM #
12Ga	13cm (5in)	0.9mL	8572M



8575M - Double T Extension Set with 2 High Flow Stasis Valves 2 Tethered Caps, 2 Clamps, Injection Site, Rotating Male Luer Lock

SIZE	LENGTH	PRIMING VOLUME	ITEM#
12Ga	13cm (5in)	0.9mL per lumen	8575M





2, 3, and 4 Port Extension Sets

Small Bore & Large Bore

Small Bore - 16 Gauge

8574M - Bifuse Y Extension Set with 2 Stasis Valves, 2 Tethered Caps, 2 Clamps, Rotating Male Luer Lock

SIZE	LENGTH	PRIMING VOLUME	ITEM#
16Ga	13cm (5in)	0.2mL per lumen	8574M

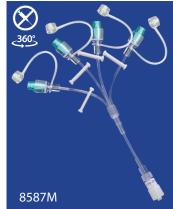


8584M - Trifuse Extension Set with 3 Stasis Valves, 3 Tethered Caps, 3 Clamps, Rotating Male Luer Lock

8587M - Quadfuse Extension Set with 4 Stasis Valves, 4 Tethered Caps, 4 Clamps, 360° SPINNER

SIZE	LENGTH	PRIMING VOLUME	ITEM#
16Ga	10cm (4in)	0.18mL per lumen	8584M
16Ga	15cm (6in)	0.25mL per lumen	8587M





Large Bore - 12 Gauge

8550M - Bifuse Y Extension Set with 2 High Flow Stasis Valves, 2 Tethered Caps, 2 Clamps, 360° SPINNER

SIZE	LENGTH	PRIMING VOLUME	ITEM#
12Ga	15cm (6in)	0.9mL per lumen	8550M





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



Extension Set with Three-Way Stopcock

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

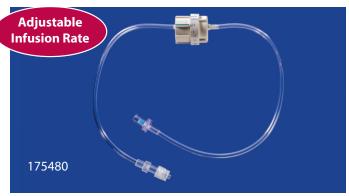
SIZE	LENGTH	PRIMING VOLUME	ITEM #
13Ga	20cm (7.9in)	1.8mL	2408



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 #
45cm (18in)	3.0mL	175480



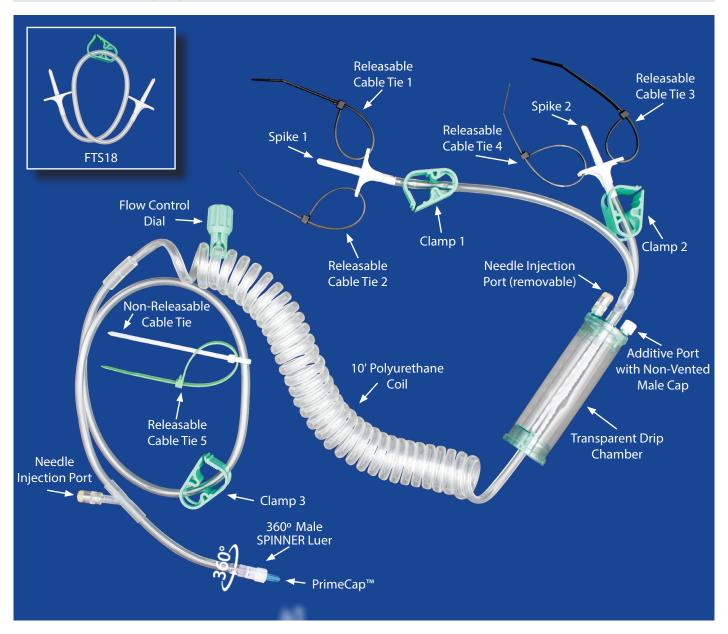


DuraFlow™ IV Coil Set/Giving Set

The MILA DuraFlow™ 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™ IV Coil Set	LACS1
Fluid Transfer Set - 45cm (18in)	FTS18





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# IVBA IV Break-Away Device



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



Foal Coiled IV Administration Set/Giving Set with Swivel



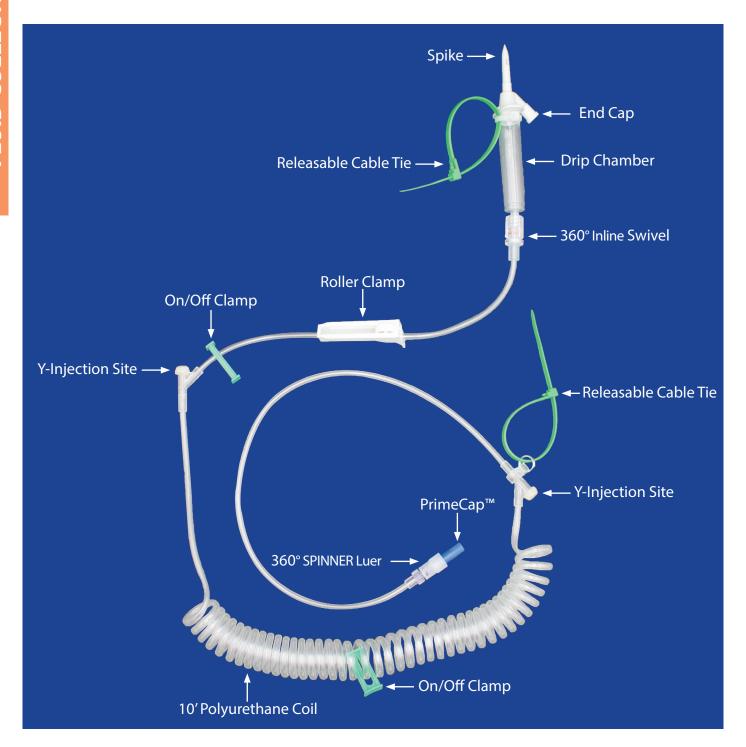
Designed for the administration of fluids and medication to foals and other animals

- 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



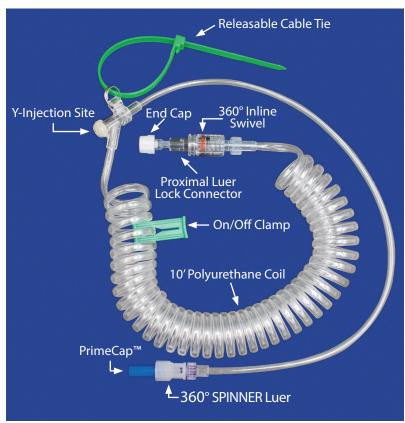
Coiled IV Extension Set with Swivel



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	I ACS-FX



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

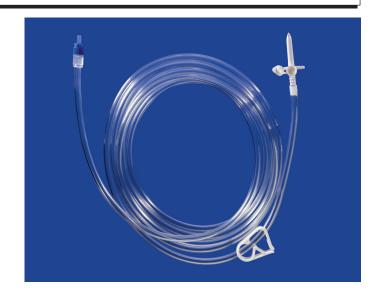
SIZE	LENGTH	ITEM#
30Fr	300cm (120in)	8V0002



Arthroscopy Fluid Line/ Wound Flushing Line

High flow, large bore infusion set includes vented spike, clamp, and spin luer lock 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





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

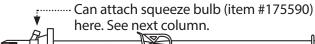
LENGTH	PRIMING VOLUME	ITEM #
90cm (36in)	15mL	CFS36

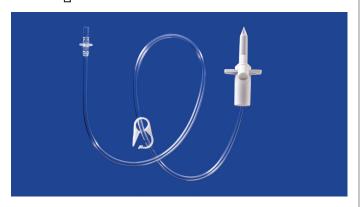


Secondary Venoset

Easily bolus medication or fluids by connecting the Inflation Squeeze Bulb Assembly (Item #175590, next column) to the filter port on the spike.

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





Pressure Infusers

High performance pressure infuser 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 infuser from hanging device







DECEDITION	ITERA#
DESCRIPTION	ITEM #
1000mL cuff with squeeze bulb,	
pressure manometer, and	
3-way stopcock	175500
5000mL cuff with squeeze bulb,	
and manometer	175950
Inflation Squeeze Bulb Assembly Includes bulb and three-way	
stopcock	175590

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

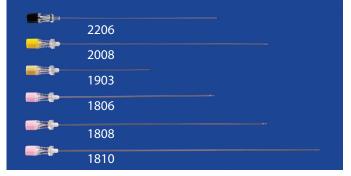








Image of ultrasound-guided injection performed in the SI region of a horse.

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

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



- · 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





PinkPoly[™]The Economy Catheter



Everyday Economy for Short-Term Use

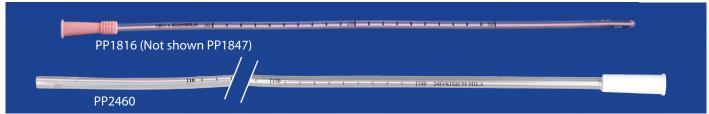
- Non-leaching, non-irritating, latex-free polymer (PVC hybrid) construction that becomes firm when cold and softens with body temperature
- Use for nasogastric or neonatal feeding, urine drainage, oxygen delivery, and BAL (see page 32)
- Clear catheter body designed to easily visualize contents within the catheter
- Radiopaque pink stripe eliminates need for contrast.
- 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 for precise depth placement





SIZE		LENGTH	HUB STYLE	ITEM #
18Fr	IDEAL AS A MARE URINARY CATHETER	40cm (16in)	Funnel	PP1816
18Fr	IDEAL AS A STALLION URINARY CATHETER	120cm (47in)	Funnel	PP1847
24Fr	IDEAL AS A FOAL NASOGASTRIC TUBE	152cm (60in)	Funnel NEW SIZE	PP2460

Each individually packaged and sterile.



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



Foley Urinary Catheters with Wire Stylet in a Procedure Kit



ITEM#

UC812

UC824

UC836

UC1012

UC1018

UC1036

BALLOON SIZE

3mL

3mL

3mL

5mL

5mL

5mL

Everything needed to place and secure the catheter.

LENGTH

30cm (12in)

60cm (24in)

90cm (36in)

30cm (12in)

45cm (18in)

90cm (36in)

SIZE

8Fr

8Fr

8Fr

10F

10Fr

10Fr

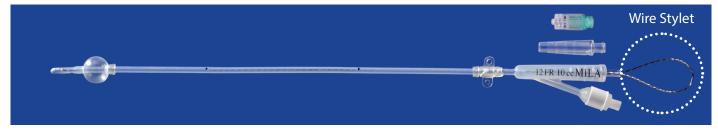
- · Kit includes:
 - Silicone Foley catheter with radiopaque stripe
 - Wire stylet
 - Suture wing
 - 3-0 nylon suture on a straight needle
 - Female luer lock barbed adapter
 - Stasis valve
 - 7. Sterile, water-based lubricant
 - Gauze
 - 10mL syringe
- The stylet provides rigidity for easier placement
- Water-activated treatment within the lumen facilitates wire removal
- Retention halloon keeps catheter in the bladder.

Retention balloon keeps catheter in the bladder
Silicone Catheter 8 FR 3 cc MILA Wire Stylet
3-0 Nylon Suture with Straight Needle war 3-0 N33600-75 1 ps N34600-75 Nylon Gauze
Straight Cutting GO mm CHESCAS 2.1. CHESC
Lubricating Gel Packet
Stasis Valve 10mL Syringe Suture Wing with Clamp
Foley Catheter Procedure Kit

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	BALLOOI	N 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	Ideal for Mares	UC2416
24Fr	150cm (59in)	30mL	Ideal for Stallions	UC2459



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



MINIMIZE CATHETER ASSOCIATED URINARY TRACT INFECTIONS (CAUTI)

600mL closed urine collection KITS include:

- 1. STERILE collection bag with volume marks beginning at 50mL, 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

1000mL closed urine collection KITS include:

- 1. STERILE collection bag with volume marks beginning at 25mL, 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 volume marks beginning at 25mL, 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



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.



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 EO gas is recommended for reuse replacement 3-way stopcock (item #2400) is required



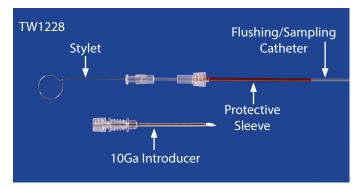


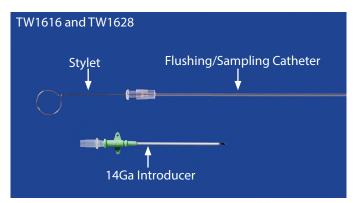


SIZE	OD	ID	LENGTH	ITEM #	
24Fr	8mm	2.5mm	200cm (79in)	BAL200	
30Fr	10mm	2.5mm	240cm (96in)	BAL240	
30Fr	10mm	2.5mm	300cm (120in)	BAL300	
Repla	Replacement Stopcock (10 pack)				
RECOM	MENDED			2400	
Contr	Controlled Flushing Set - to administer				
flush aliquots from a IV bag rather than					
multiple syringes see page 27 CF					

Tracheal Wash

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

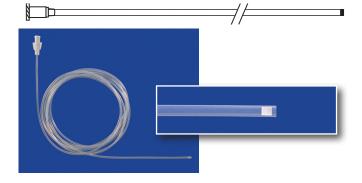
SIZE	LENGTH	INTRODUCER	ITEM#
16Ga	70cm (28in)	14Ga	TW1628

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

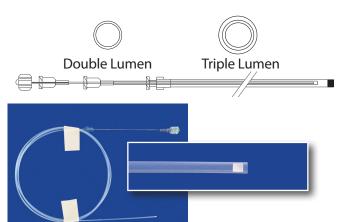
Two and three lumen sampling catheters enable a sterile specimen retrieval via an endoscope. To maintain sterility during placement, the outer catheter has a water-soluble plug in the tip. Once in place, the inner catheter is advanced, pushing out the water-soluble plug, then further advanced for retrieval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

• Injection and aspiration needle with female luer lock

DESCRIPTION	SCOPE CHANNEL SIZE	ITEM #
1.8mm OD x 190cm (76in)		
with 19Ga needle 2.3mm OD x 190cm (76in)	2.0mm	LAN180
with 17Ga needle	2.5mm	LAN190
	Double Lu	men
	_	

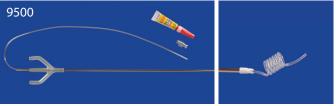
Indwelling Guttural Pouch Flushing Kit

- Non-irritating polyurethane catheter for extended treatment of the guttural pouch
- Placed by viewing the guttural pouch through an endoscope up one nostril and advancing the catheter introducer up the other nostril
- Kit includes:
 - 1. Catheter with coils
 - 2. Bendable introducer
 - 3. Luer lock adapter
 - 4. Glue (to attach luer to catheter)
- The catheter can remain dwelling, secured to the halter and protected by a grazing muzzle



- Introducer dimensions: 12Fr x 71cm (28in)
- Catheter dimensions: 12Ga x 135cm (54in); catheter can be cut to desired length

DESCRIPTION		ITEM #
Guttural Pouch I	9500	
Guttural Pouch I	Y 9510	
9500	Miller	



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 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 sterilization recommended)
- Non-sterile
- Silicone funnel type hub designed to fit most 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



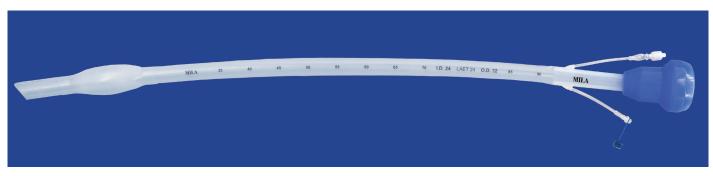


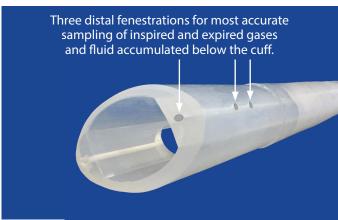
Cuffed Silicone Endotracheal Tubes with Distal End Sample Port

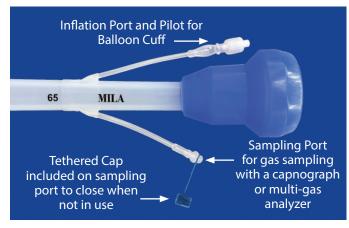
The MILA Cuffed Silicone Endotracheal Tubes are used to deliver assisted ventilation and anesthetic gases. The inflated balloon cuff creates a seal for pressurized assisted ventilation. The sampling port provides access below the cuff for more accurate measurement of inhaled and exhaled gas concentrations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

- Medical grade, transparent silicone
- Funnel hub designed to fit most 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 sterilization recommended)

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







Funnel Hub designed

to connect best to

Wye adapters

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

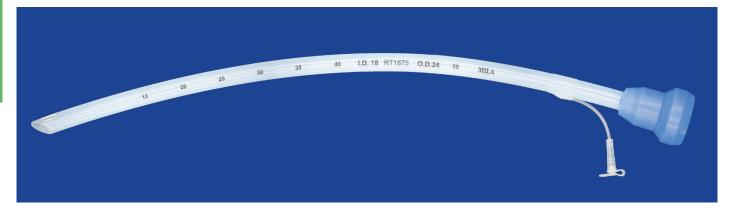
Oral Intubation

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
>1000	35	160	Domestic Bovine	LAET35
> 1200	35	160	Equids (Horses, Donkeys, Ponies, Mules, Zebras)	LAET35

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 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









Side port accepts a variety of barbed adapters.
Shown here with MILA adapter #2320 (page 52)

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





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 51cm (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

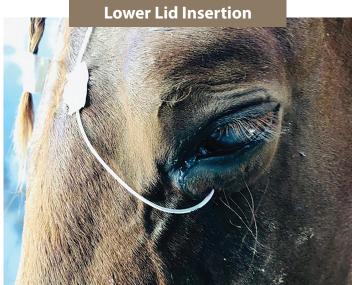
DESCRIPTION	ITEM#
Subpalpebral Eye Lavage Kit	
Straight trocar, 152cm (60in) tubing	6612
Subpalpebral Eye Lavage Kit	
Angled 10° trocar, 152cm (60in) tubing	6613
Repair Kit	
51cm (20in) tubing	6615

For Ophthalmic Surgical Drape, see next page.









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:

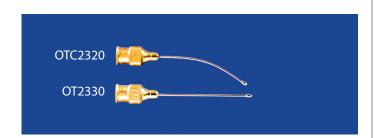


Courtesy of Dr. Meghan Mendoza and Dr. Katie Hayes, Hayes Veterinary Services

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





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

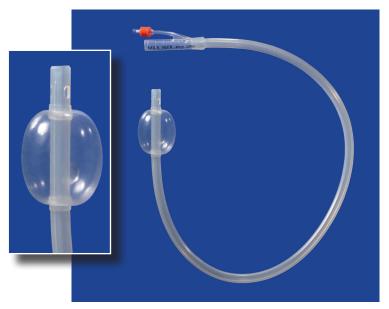


Uterine Flush

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



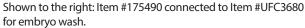


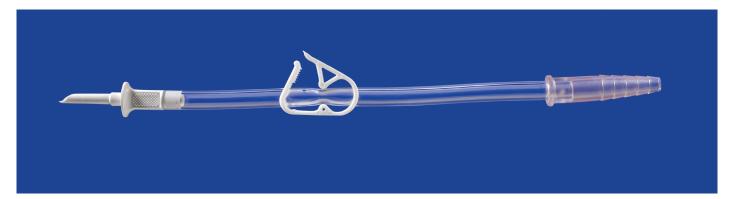


Photo courtesy of MVZ Juan José Ramirez Nava, Reproducción Asistida en Equinos.

High Flow Fluid Transfer Set

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

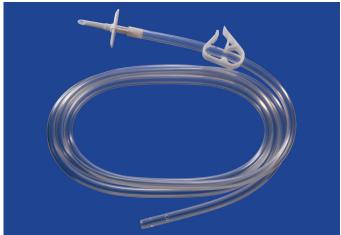
ID	LENGTH	PRIMING VOLUME	ITEM #
19Fr	30cm (12in)	8mL	175490
19Fr	60cm (24in)	20mL	175493

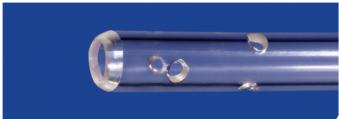


Uterine Flush Tube

- Flushing tube with spike and clamp4 side-holes, 1.5cm apart, ending 2.5cm from end of catheter
- · Smooth, open-ended tip

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

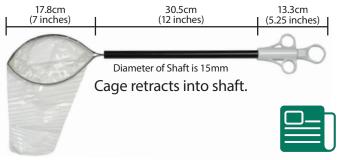




Laparoscopic Large Animal Retrieval Pouch

- Retrieval pouch for a variety of 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



Equine Oocyte Collection Set



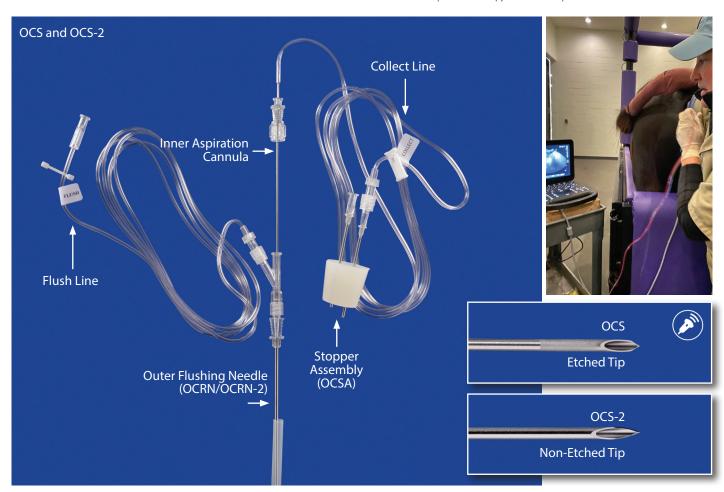
- For equine transvaginal oocyte collection
- · Laminar flow no ridges on collection side
- Etched needles are ECHOGENIC to improve ultrasound visualization
- Double lumen needle design consists of an outer flushing needle and inner aspiration cannula (see photo below); outer needle can be easily cleaned 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)
 - 4. Y-adapter
 - 3. 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 ☐ 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



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

Blood Filtration & Administration Sets with 200 Micron Filter

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
- Flow rates can be increased using the pressurization kit, item #AF48 (on next page)

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	



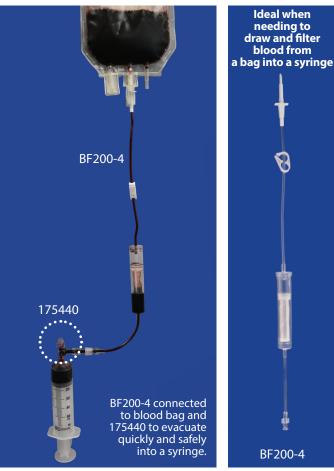
Syringe Administration

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



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 to make a completely closed delivery system
- Can be used to filter autologous blood prior to AUTOTRANSFUSION. Refer to Pigott study (article named below).



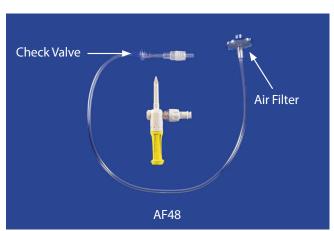
Miller, V. and Pigott, A. (2020) Traumatic haemothorax in a dog managed without surgery using a guidewire-inserted chest tube and a single closed system for collection and administration of autotransfusion. Veterinary Record Care Reports, 8:e001142

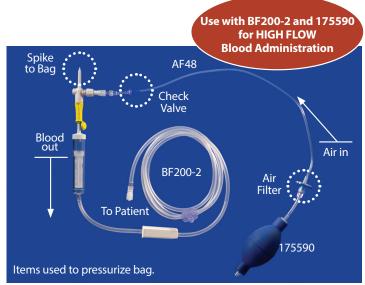
DESCRIPTION	LENGTH	PRIMING VOLUME	ITEM #
High Flow Blood Administration Set	203cm (80in)	36mL	BF200-2
Syringe Administration Set	43cm (17in)	4mL	BF200-3
Bag Administration Set	47cm (18in)	3mL	BF200-4

Bag/Bottle Pressurization Set

- T-shaped spike with 48cm (19in) extension set, female luer, air filter, and check valve
- Increases flow rate of an IV or BLOOD set by pumping FILTERED AIR into the bag or bottle when used with the pressurization squeeze bulb (item #175590)
- Bag Spike adapter can also be used to add or withdraw from the bag or bottle

DESCRIPTION	ITEM #
Pressurization Kit	AF48
Pressurization Squeeze Bulb Assembly	
Includes bulb and three-way stopcock	175590









Blood Collection Set

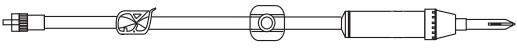
High flow collection set attaches directly to the venous catheter and vacutainer bottle.

• Set includes large bore tubing, injection site, drip chamber, and spin luer lock

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







Equine Joint Infusion

- Provide continuous, localized infusion of antibiotics directly into the affected joint
- A crush resistant, 5Fr (16Ga) catheter is inserted using a 6Fr (14Ga) peel-away introducer
- The lightweight administration pump will hold up to 100mL
- Accuracy rate +/- 15%
- Minimum fill volume = 60mL
- Residual volume = 2mL
- Kit includes:
 - 1. 100mL administration pump
 - 2. 5Fr (16Ga) crush resistant catheter
 - 3. 6Fr (14Ga) peel-away introducer
 - 4. Two crush resistant catheters that provide different flow rate options:
 - 1. Item #FCT12 is attached to the pump and will deliver medication at 0.8mL/hour
 - 2. Item #FCT4 is included in the package and will deliver medication at 2.5mL/hour

DESCRIPTION	ITEM #
Joint Infusion KIT	9100
Crush Resistant Catheter - 2.5mL/hour	FCT4
Crush Resistant Catheter - 0.8mL/hour	FCT12
0.2-micron filter (10 pack)	2420



See MILA website for detailed insertion instructions written by Stephen B. Adams, DVM, MS and Timothy B. Lescun, BVSc

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 #
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. 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 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





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







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



Accessories and Components

Barbed Adapters

Each individually packed and sterile.

DESCRIPTION	FITS TUBE SIZES	BOX QTY	ITEM #
Dual End Barbed Adapter	7.5-15mm	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













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, nonsterile. Keeps injection ports clean without opening the valve, works with all needle-free injection ports, including stasis valves

DESCRIPTION	BOX QTY	ITEM #
Tethered Cap	N/A	8090
Stemless Luer Lock Cap	10	8099



No Backflow Valve

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



Accessories and Components

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







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)

DESCRIPTIONPneumatic Y-Connector with SPINNERS

2475



Injection ports

Each individually packed and sterile.

- #8200 Neutral Displacement Injection Port (Stasis Valve) 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®
- #8098 MicroClave® is a normally closed, needle-free connector. Labeled for saline flush (heparin not required)
- #8095 Normally closed valve is needle-free for direct attachment of an IV line or syringe includes a tethered cap (item #8090)
- #8080 Safety Injection Port has a built-in stop to prevent accidental needle sticks

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









Accessories and Components

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.

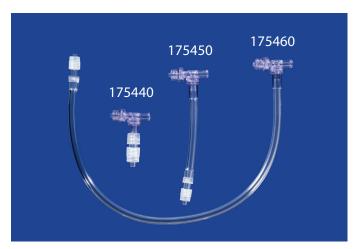
DESCRIPTION	BOX QTY	ITEM#		
Three-way with luer slip	10	2400		
Three-way with luer lock	10	2405		
Three-way with 8 inch	10			
extension		2408		
Four-way with High Flow				
Needle-Free Valves	N/A	2412		
For Automatic 3-Way, see Centesis Adapters in next column.				





Centesis Adapters

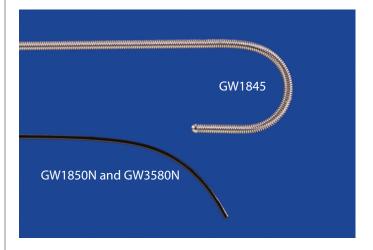
DESCRIPTION	ITEM#
Centesis Adapter with Spin Luer Lock	175440NB
Centesis Adapter with total Length 12cm	175450NB
Centesis Adapter with total Length 40cm	175460NB



Guidewires

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

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



FRENCH		OD(mm)	OD(in)
2	22.6	0.6667	0.0262
2.5	20.8	0.8333	0.0328
3	19.4	1.0000	0.0394
3.5	18.5	1.1667	0.0459
4	17.7	1.3333	0.0525
4.5	16.8	1.5000	0.0591
5	15.9	1.6667	0.0656
5.5	15.0	1.8333	0.0722
6	14.4	2.0000	0.0787
6.5	13.8	2.1667	0.0853
7	13.3	2.3333	0.0919
7.5	12.8	2.5000	0.0984
8	12.3	2.6667	0.1050
8.5	11.8	2.8333	0.1115
9	11.2	3.0000	0.1181
9.5	10.7	3.1667	0.1247
10	10.2	3.3333	0.1312
	10.5	3.5000	0.1378
	11	3.6667	0.1444
	11.5	3.8333	0.1509
	12	4.0000	0.1575
	12.5	4.1667	0.1640
	13	4.3333	0.1706
	13.5	4.5000	0.1772
	14	4.6667	0.1837
	14.5	4.8333	0.1903
	15	5.0000	0.1969
	15.5	5.1667	0.2034
	16	5.3333	0.2100
	16.5	5.5000	0.2165
	17	5.6667	0.2231
	17.5	5.8333	0.2297
	18	6.0000	0.2362
	18.5	6.1667	0.2428
	19	6.3333	0.2493
	19.5	6.5000	0.2559
	20	6.6667	0.2625
	20.5	6.8333	0.2690
	21	7.0000	0.2756
	21.5	7.1667	0.2822
	22	7.3333	0.2887
	22.5	7.5000	0.2953
	23	7.6667	0.3018
	23.5	7.8333	0.3084
	24	8.0000	0.3150
	24.5	8.1667	0.3215
	25	8.3333	0.3281
	25.5	8.5000	0.3346
	26	8.6667	0.3412
	26.5	8.8333	0.3478
	27	9.0000	0.3543
	27.5	9.1667	0.3609
	28	9.3333	0.3675
	28.5	9.5000	0.3740
	29	9.6667	0.3806
	29.5	9.8333	0.3871
	20	10.0000	0.2027

30

10.0000

0.3937

GAUGE	FRENCH	OD(mm)	OD(in)
10	10.2	3.4040	0.1340
11	9.1	3.0480	0.1200
12	8.3	2.7690	0.1090
13	7.2	2.4130	0.0950
14	6.3	2.1080	0.0830
15	5.5	1.8290	0.0720
16	5.0	1.6510	0.0650
17	4.4	1.4730	0.0580
18	3.8	1.2700	0.0500
19	3.2	1.0670	0.0420
20	2.7	0.9081	0.0358
21	2.4	0.8192	0.0323
22	2.1	0.7176	0.0283
23	1.9	0.6414	0.0253
24	1.7	0.5652	0.0223
25		0.5144	0.0203
26		0.4636	0.0183
27		0.4128	0.0163
28		0.3620	0.0143

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ITEM#	PAGE #	ITEM#	PAGE#	ITEM#	PAGE#	ITEM#
1006		8585		H2900		UC1212
1211		8585M		H5300		UC1221
1212		8587M		IVBA		UC1409
1212F		8590		LA1220		UC1421
1402		8590M		LA1220		UC1621
						UC1625
1403		8590MS		LA1415-2P		
1404		8590S		LA1420		UC1821
1404F		8671		LA1420-2P		UC2021
1411		8700		LA1420-A		UC2221
1412		8718		LA1420-PI		UC2416
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1603	10	9100	48	LA1615	7	UFC3680
1604	11	91110	12	LA1615-2P	7	UFT28190
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1810		175480		LA7FD15	7	
1903		175484		LA7FD20	7	
2008		175490		LA7FT15	7	
2206		175493		LACS1	22	
2300				LACS-EX	25	
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2350		175499		LAET16	36	
2360		175500		LAET18	36	
2370		175590		LAET20	36	
2380		175720		LAET22	36	
2400		175950		LAET22	36	
2405	52	8V0002	25	LAET24	36	
2408	21/52	AF48	47	LAET26	36	
2412	52	B1220	7	LAET28	36	
2420	41/48/52	BAL200	32	LAET30	36	
2440	51	BAL240	32	LAN180	33	
2445	51	BAL300	32	LAN190	33	
2460		BF200-2	46	NG1450	29	
2475		BF200-3		NG18100	29	
2485		BF200-4		OCRL	45	
4203		CFS36	27/32/45		45	
4204		CTT16		OCRN-2	45	
4205.5		CTT20		OCS	44	
4205.5		CTT24		OCS-2	44	
4206.5		CTT24		OCSA	45	
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4206		CTT32 E1808				
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6613		E2008		OTC2320	41	
6615		E2103		PP1816	29	
7100		E2104		PP1847	29	
8080		EDC190		PP2460	29	
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8095		EDC220		QC145-B	11	
8098		EDC400	33	QC163-B	11	
8099		EMAC700		QC165-B	11	
8200	9/13/51	EMAC800	33	RT1160	38	
8515	21	EMAC700L	33	RT1460	38	
8518	17	EP810	43	RT1670	38	
8518M	17	ETCZ-7	34	RT1875	38	
8530M	17	ETCZ-9	34	RT2080	38	
8550M		ETCZ-11		TW1228	32	
8570	18	ETCZ-12	34	TW1628	32	
8570M		ETCZ-14		UC600K	31	
8572		ETCZ-12-F		UC1000K	31	
8572M		ETCZ-14-F		UC2000K	31	
8573M		FCT4		UC812	30	
8574M		FCT12		UC824	30	
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