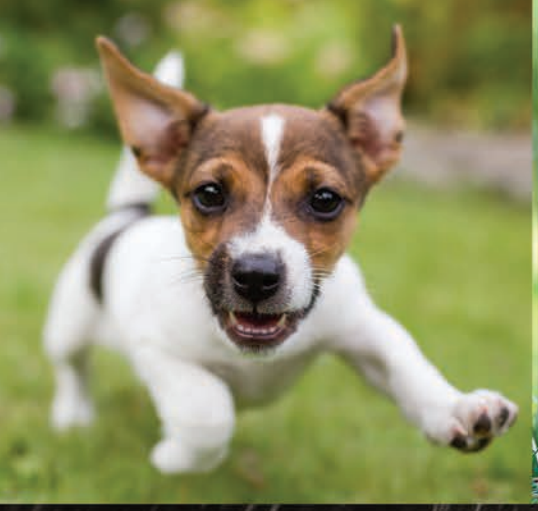

SINCE 1991

MILA
INTERNATIONAL, INC.

Medical Instrumentation for Animals

2019 Catalog

www.milaint.com

MILA International is an innovative company which has developed veterinary medical products otherwise commercially unavailable. We appreciate the opportunity to serve the world's diverse veterinary community 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 blood pressure monitoring. **Optional silver zirconium phosphate throughout the catheter body** including the inner and outer surface of the catheter is designed to inhibit bacteria growth without bacterial resistance. When ordering catheters with silver zirconium phosphate, please look for the 'A' at the end of the item number, indicating 'ANTIMICROBIAL', eg #LA1611-A.

RECOMMENDED INDWELL TIME:
1-30 days indwelling. The catheter is non-kinking and non-thrombogenic.

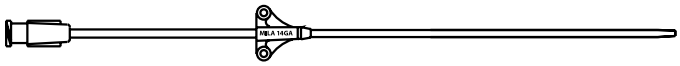
SELECT FROM THESE FEATURES TO DETERMINE ITEM NUMBER NEEDED ON PAGES 6–8:
1) Insertion Technique - Guidewire Introduction or Peel Away Introduction.
2) Animal Size - Large Animal/Equine or Small Animal/Dogs and Cats.
3) Number of Lumens and Length - Single, Double, Triple or Quad Lumens at various lengths.
4) Catheter Type - Standard or Antimicrobial.
5) Preferred Extensions - Pre-Attached Extension Lines or Non-Attached Extension Lines.

ALL KITS contain: Catheter, scalpel, introducer depending on insertion technique, needle free ports, suture wings, and gauze. Those that have extensions include clamps.

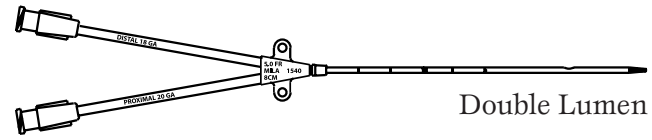
SMALL ANIMAL KITS include a fenestrated drape and 3-0 nylon suture.

LARGE ANIMAL KITS include a larger introducer and 2-0 nylon sutures with a straight and a curved needle.

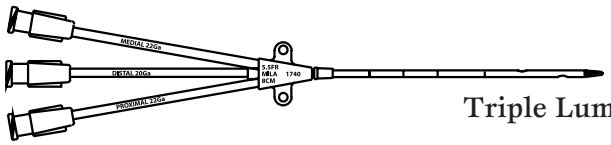
Single Lumen Catheters - Available with pre-attached or non-attached extension tube. The 14Ga catheter has a side and distal exit port.



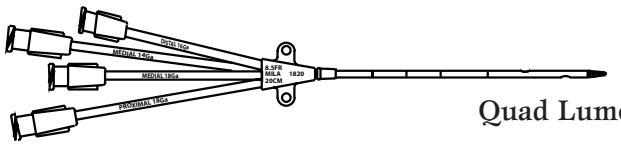
Multi-Lumen Catheters - Separate lumens with separate exit points.



Double Lumen

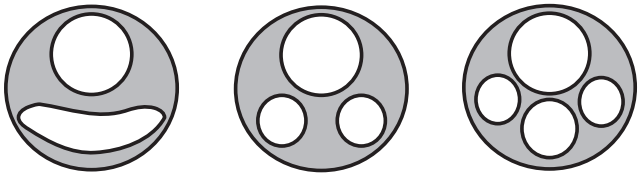


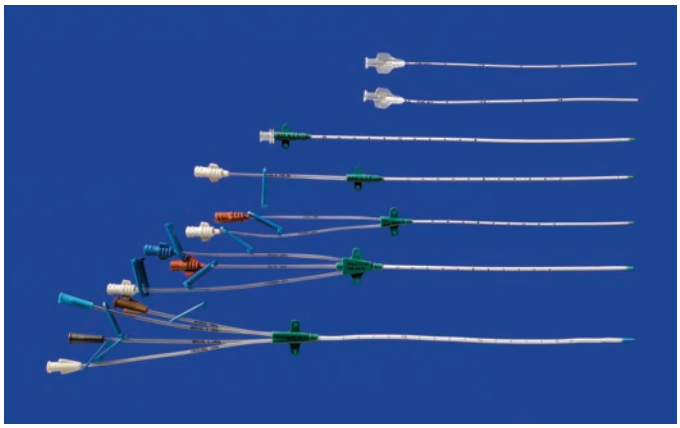
Triple Lumen



Quad Lumen

Double Lumen | Triple Lumen | Quad Lumen





GUIDEWIRE INTRODUCTION
of a Long Term MILACATH®

1

Photo shows introducer being inserted into vein.

2

Guidewire being advanced from housing. Once guidewire advanced to desired length, remove housing and introducer needle while holding onto the guidewire.

Always hold onto guidewire.

3

Slide the distal end of the catheter onto guidewire and advance until guidewire comes through the catheter hub.

4

Grasp wire above the catheter hub. Advance catheter into vein by holding catheter near insertion site and pushing into place. Remove guidewire.

5

Suture catheter individually at each wing around suture groove and toward insertion site. Also, suture the extension to the animal.

Guidewire Introduction

PEEL AWAY INTRODUCTION
of a Long Term MILACATH®

1

Hold peel away introducer, bevel up, directly above vein with index finger firmly placed on top of stylet. Advance introducer into vessel far enough to be sure it is well seated.

2

Good flashback should be noted or blood easily drawn into syringe through stylet. Remove stylet while stabilizing outer portion of introducer. Advance long term catheter through catheter of peel away introducer.

3

Hold catheter hub or extension set against animal. Grasp blue tabs with thumb and fore-finger of both hands. Gently pull up and out to separate blue tabs. Introducer should split above the skin.

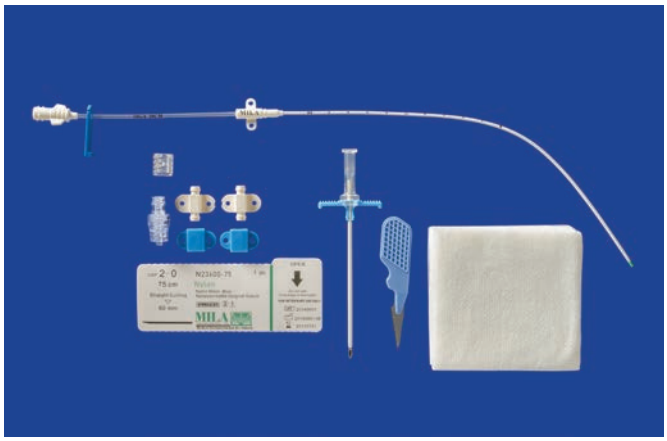
4

The catheter will back out of insertion site an inch or so during peel away procedure but can be easily pushed back.

5

Suture catheter individually at each wing around suture groove and toward insertion site. Also, suture the extension to the animal.

Photos courtesy of Hagyard Equine Medical Institute



Peel Away Introduction

Long Term MILACATH - Small Animal Kits using GUIDEWIRE INTRODUCTION

All SMALL ANIMAL KITS include radiopaque catheter, fenestrated drape, scalpel, introducer, guidewire, dilator, 3-0 nylon suture, suture wing, needle free injection port(s), cap, and gauze. Those that have extensions include clamps.

DESCRIPTION		ITEM #	PRICE
Single Lumen			
24Ga (1.7Fr) x 10cm (4in)	with integrated extension set, 22Ga catheter introducer	SA2410	$27.00
22Ga (2Fr) x 10cm (4in)	with integrated extension set, 22Ga catheter introducer	SA2210	$27.00
20Ga (3Fr) x 12cm (5in)	with integrated extension set, 20Ga catheter introducer	SA2012	$27.00
19Ga (3.5Fr) x 15cm (6in)	20Ga catheter introducer	SA1915	$21.00
19Ga (3.5Fr) x 25cm (10in)	20Ga catheter introducer	SA1925	$21.00
18Ga (4Fr) x 15cm (6in)	with integrated extension set, 20Ga catheter introducer	SA1815	$27.00
18Ga (4Fr) x 25cm (10in)	with integrated extension set, 20Ga catheter introducer	SA1825	$27.00
16Ga (5Fr) x 9cm (3.5in)	with integrated extension set, 18Ga catheter introducer	SA1609	$27.00
16Ga (5Fr) x 15cm (6in)	with integrated extension set, 18Ga catheter introducer	SA1615	$27.00
16Ga (5Fr) x 20cm (8in)	with integrated extension set, 18Ga catheter introducer	SA1620	$27.00
16Ga (5Fr) x 30cm (12in)	with integrated extension set, 18Ga catheter introducer	SA1630	$27.00
14Ga (6Fr) x 15cm (6in)	with integrated extension set, 16Ga catheter introducer	SA1415	$27.00
14Ga (6Fr) x 20cm (8in)	with integrated extension set, 16Ga catheter introducer	SA1420	$27.00
Double Lumen			
4Fr x 8cm (3.25in)	with two 22Ga lumens, 20Ga catheter introducer	SA4FD08	$44.00
4Fr x 13cm (5.25in)	with two 22Ga lumens, 20Ga catheter introducer	SA4FD13	$44.00
4Fr x 30cm (12in)	with two 22Ga lumens, 20Ga catheter introducer	SA4FD30	$44.00
5Fr x 8cm (3.25in)	with a 18Ga & 20Ga lumen, 20Ga catheter introducer	SA5FD08	$44.00
5Fr x 13cm (5.25in)	with a 18Ga & 20Ga lumen, 20Ga catheter introducer	SA5FD13	$44.00
5Fr x 25cm (10in)	with a 18Ga & 20Ga lumen, 20Ga catheter introducer	SA5FD25	$44.00
7Fr x 15cm (6in)	with a 14Ga & 18Ga lumen, 18Ga catheter introducer	SA7FD15	$44.00
7Fr x 20cm (8in)	with a 14Ga & 18Ga lumen, 18Ga catheter introducer	SA7FD20	$44.00
7Fr x 30cm (12in)	with a 14Ga & 18Ga lumen, 18Ga catheter introducer	SA7FD30	$44.00
7Fr x 60cm (24in)	with two 16Ga lumens, 18Ga catheter introducer	SA7FD60	$44.00
Triple Lumen			
5.5Fr x 8cm (3.25in)	with one 20Ga & two 22Ga lumens, 20Ga catheter introducer	SA5FT08	$47.00
5.5Fr x 13cm (5.25in)	with one 20Ga & two 22Ga lumens, 20Ga catheter introducer	SA5FT13	$47.00
5.5Fr x 30cm (12in)	with one 20Ga & two 22Ga lumens, 20Ga catheter introducer	SA5FT30	$47.00
7Fr x 15cm (6in)	with one 16Ga & two 18Ga lumens, 18Ga catheter introducer	SA7FT15	$47.00
7Fr x 20cm (8in)	with one 16Ga & two 18Ga lumens, 18Ga catheter introducer	SA7FT20	$47.00
7Fr x 30cm (12in)	with one 16Ga & two 18Ga lumens, 18Ga catheter introducer	SA7FT30	$47.00
7Fr x 60cm (24in)	with one 16Ga & two 18Ga lumens, 18Ga catheter introducer	SA7FT60	$47.00
Quadruple Lumen			
8.5Fr x 20cm (8in)	with one 16Ga, one 14Ga and two 18Ga lumens, 18Ga introducer	SA8FQ20	$49.00

Long Term MILACATH - Large Animal Kits using GUIDEWIRE INTRODUCTION

All LARGE ANIMAL KITS include radiopaque catheter, scalpel, introducers, guidewire, dilator, 2-0 nylon ***pink*** sutures, suture wing, needle free port(s), cap, and gauze. Those that have extensions include clamps.

Single Lumen

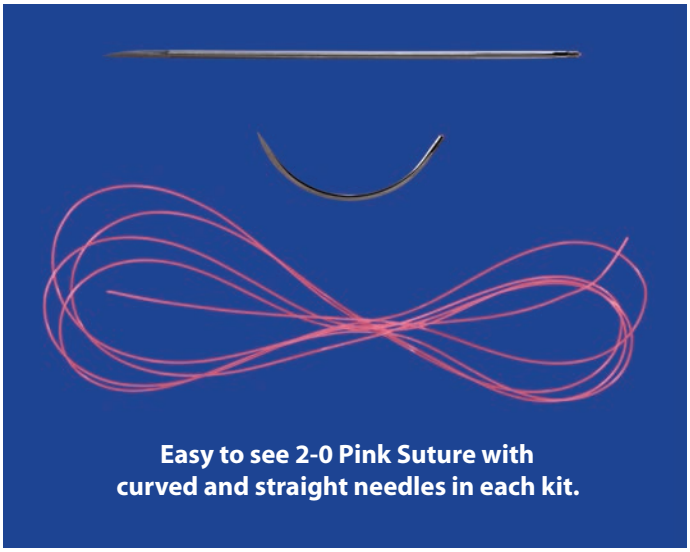
DESCRIPTION		ITEM #	PRICE
16Ga (5Fr) x 11cm (4.5in)	antimicrobial catheter, choice of 18Ga/16Ga introducers	LA1611-A**	$39.00
16Ga (5Fr) x 15cm (6in)	with integrated extension set, choice of 18Ga/16Ga introducers	LA1615**	$27.00
16Ga (5Fr) x 15cm (6in)	antimicrobial catheter, choice of 18Ga/16Ga introducers	LA1615-A**	$39.00
16Ga (5Fr) x 15cm (6in)	extension set, choice of 18Ga/16Ga introducers	LA1615-2P**	$27.00
	*****ABOVE PRODUCTS RECOMMENDED FOR FOALS.***		
16Ga (5Fr) x 20cm (8in)	with integrated extension set, 16Ga introducer	LA1620	$27.00
16Ga (5Fr) x 20cm (8in)	antimicrobial catheter, 16Ga introducer	LA1620-A	$39.00
16Ga (5Fr) x 20cm (8in)	extension set, 16Ga introducer	LA1620-2P	$27.00
14Ga (6Fr) x 15cm (6in)	with integrated extension set, choice of 14Ga introducers	LA1415	$27.00
14Ga (6Fr) x 15cm (6in)	extension set, choice of 14Ga introducers	LA1415-2P	$27.00
14Ga (6Fr) x 20cm (8in)	with integrated extension set, choice of 14Ga introducers	LA1420	$27.00
14Ga (6Fr) x 20cm (8in)	antimicrobial catheter, choice of 14Ga introducers	LA1420-A	$39.00
14Ga (6Fr) x 20cm (8in)	extension set, choice of 14Ga introducers	LA1420-2P	$27.00
12Ga (8Fr) x 20cm (8in)	with integrated extension set, choice of 14Ga introducers	LA1220	$28.00

Double Lumen

7Fr x 15cm (6in)	with 14Ga & 18Ga lumen, choice of 16Ga/14Ga introducers	LA7FD15**	$44.00
	*****ABOVE PRODUCT RECOMMENDED FOR FOALS.***		
7Fr x 20cm (8in)	with 14Ga & 18Ga lumen, choice of 16Ga/14Ga introducers	LA7FD20	$44.00

Triple Lumen

7Fr x 15cm (6in)	with one 16Ga & two 18Ga lumens, 16Ga introducer	LA7FT15	$47.00



Easy to see 2-0 Pink Suture with curved and straight needles in each kit.

Long Term MILACATH - Small and Large Animal Kits using PEEL AWAY INTRODUCTION

All SMALL ANIMAL KITS include radiopaque catheter, drape, scalpel, peel away introducer, 3-0 nylon suture, suture wing, needle free port(s), cap, and gauze. Those that have extensions include clamps.

Small Animal Single Lumen

DESCRIPTION		ITEM #	PRICE
19Ga (3.5Fr) x 15cm (6in)	4Fr x 1.5 inch peel away introducer	SA1915-PI	$21.00
19Ga (3.5Fr) x 25cm (10in)	4Fr x 1.5 inch peel away introducer	SA1925-PI	$21.00
16Ga (5Fr) x 15cm (6in)	extension set, 5Fr x 2.5 inch peel away introducer	SA1615-2P-PI	$27.00
16Ga (5Fr) x 25cm (10in)	extension set, 5Fr x 2.5 inch peel away introducer	SA1625-2P-PI	$27.00

Small Animal Double Lumen

4Fr x 8cm (3.25in)	with two 22Ga lumens, 4Fr x 1.5 inch peel away introducer	SA4FD08-PI	$44.00
4Fr x 13cm (5.25in)	with two 22Ga lumens, 4Fr x 1.5 inch peel away introducer	SA4FD13-PI	$44.00
5Fr x 8cm (3.25in)	with a 18Ga & 20Ga lumen, 5Fr x 1.5 inch peel away introducer	SA5FD08-PI	$44.00
5Fr x 13cm (5.25in)	with a 18Ga & 20Ga lumen, 5Fr x 1.5 inch peel away introducer	SA5FD13-PI	$44.00
5Fr x 25cm (10in)	with a 18Ga & 20Ga lumen, 5Fr x 2.5 inch peel away introducer	SA5FD25-PI	$44.00

All LARGE ANIMAL KITS include radiopaque catheter, scalpel, peel away introducer, 2-0 nylon ***pink*** sutures, suture wing, needle free port, cap, and gauze. Those that have extensions include clamps.

Large Animal Single Lumen

DESCRIPTION		ITEM #	PRICE
16Ga (5Fr) x 15cm (6in)	with integrated extension set, 5Fr x 1.5 inch peel away introducer	LA1615-PI	$27.00
16Ga (5Fr) x 20cm (8in)	with integrated extension set, 5Fr x 2.5 inch peel away introducer	LA1620-PI	$27.00
14Ga (6Fr) x 20cm (8in)	with integrated extension set, 6Fr x 1.5 inch peel away introducer	LA1420-PI	$27.00

Peel Away Introduction Kit - Small Animal

Peel Away Introducer

Peel Away Introduction Kit - Large Animal

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.
- Helps keep patient warm.
- Can be used for small animal DENTAL procedures. Put animal snout through the aperture.

ITEM #PPD	$3.90

Additional drapes on page 47

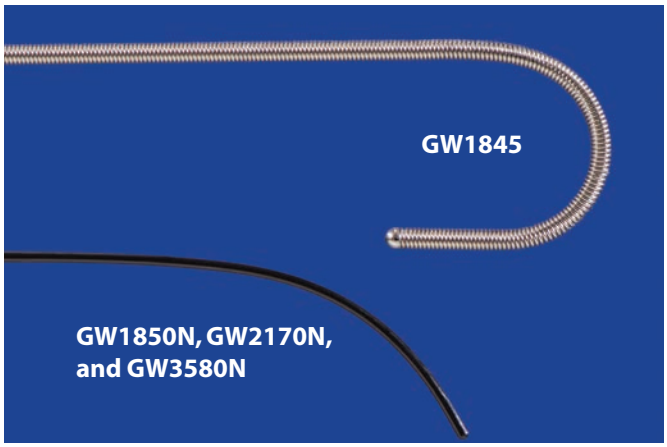
Peel Away Introducers

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

DESCRIPTION	ITEM #	PRICE
3Fr (20Ga) x 3.75cm (1.5in)	4203	$15.00
4Fr (18Ga) x 3.75cm (1.5in)	4204	$15.00
5Fr (16Ga) x 3.75cm (1.5in)	4205.5	$15.00
5Fr (16Ga) x 6.25cm (2.5in)	4205	$15.00
6Fr (14Ga) x 3.75cm (1.5in)	4206.5	$15.00
6Fr (14Ga) x 6.25cm (2.5in)	4206	$15.00

Guidewires

DESCRIPTION	ITEM #	PRICE
0.018in x 45cm guidewire with one soft flexible 'J' end and one soft flexible straight end	GW1845	$7.00
0.018in x 50cm Hydrophilic coated nitinol wire with steerable tip	GW1850N	$25.00
0.021in x 70cm Hydrophilic coated nitinol wire with steerable tip	GW2170N	$25.00
0.035in x 80cm Hydrophilic coated nitinol wire with steerable tip	GW3580N	$30.00



Injection Port

- **Neutral Displacement Injection Port** prevents blood reflux into the catheter. Does not require clamping to control valve induced reflux and the saline flush option reduces risk, cost, and time associated with Heparin use.
  Used in all CVC kits.

ITEM # 8200			$1.50
ITEM # 8099	Optional Stemless Cap	**(10 Pack)**	$3.75

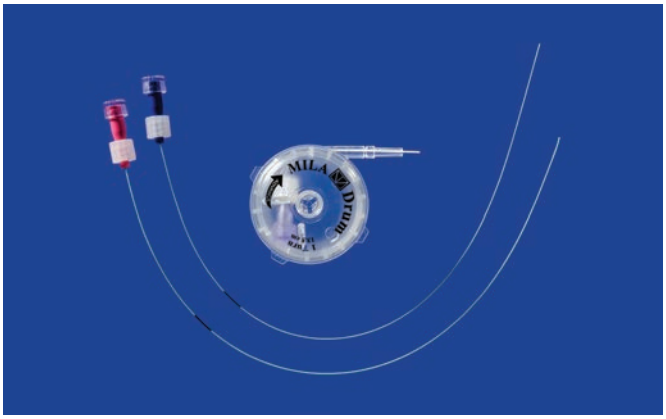
Drum Long Line Catheter

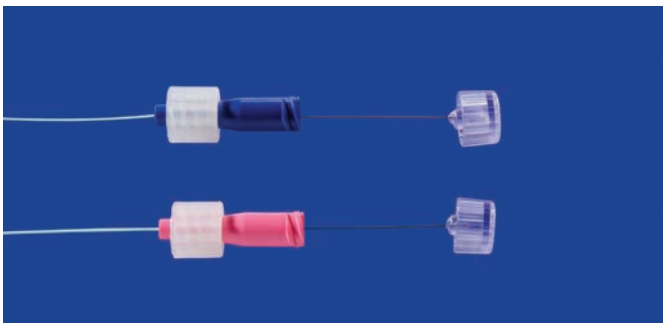
Catheter Through Catheter Introduction Style

- Kit includes catheter-over-needle introducer, a long catheter with stiffening wire and a drum.
- The Drum houses the long catheter, and is an advancement system designed to minimize touch contamination.
- Introduction technique: Long catheter through introducer catheter.
- The INTRODUCER CATHETER REMAINS INDWELLING, and the long catheter hub **locks** onto the introducer catheter hub.
- Long catheter material is radiopaque kink-resistant polyurethane, embedded with a fluoro-polymer formula designed to aid in ease of placement.

DESCRIPTION	ITEM #	PRICE
22Ga x 20cm (8in) with 20Ga Introducer	LLD2220	$19.00
20Ga x 20cm (8in) with 18Ga Introducer	LLD2020	$19.00
19Ga x 25cm (10in) with 16Ga Introducer	LLD1925	$19.00

Pick & Peel Drape (#PPD - $3.90) recommended for sterile field, *see page 9.*



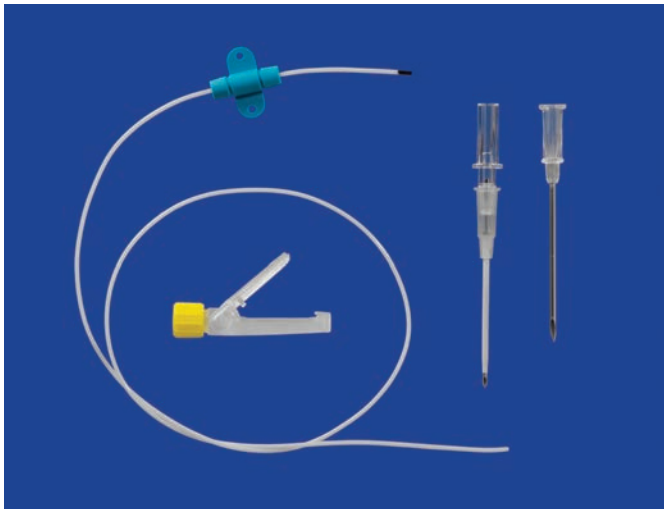


Long Line Catheters

Catheter Through Catheter Introduction Style

- Long term radiopaque catheter may be inserted in any vein.
- Polyurethane kink-resistant catheter can be cut to desired length.
- Female luer lock is placed onto long catheter after insertion into vessel, after the introducer catheter has been removed.
- Moveable wing provides method of secure attachment.
- Kit includes catheter, introducers, moveable suture wing (not available in LL2425), and female luer lock adapter.

DESCRIPTION	ITEM #	PRICE
24Ga catheter adjustable up to 25cm (10in)	LL2425	$31.00
20Ga catheter adjustable up to 45cm (18in)	LL2045	$31.00
19Ga catheter adjustable up to 45cm (18in)	LL1945	$19.00
19Ga catheter adjustable up to 90cm (36in)	LL1990	$19.00



See MILA website for link to YouTube video.

PICC - Silicone Catheter Kit

Catheter Through Peel Away Introducer

- PICC - Peripherally Inserted Central Catheter.
- May be inserted in any vessel.
- Silicone material for long term use of 30 + days.
- Radiopaque catheter can be cut to desired length.
- Insertion method via peel away introducer.
- Catheter has a stylet wire to facilitate advancement.
- Kit includes catheter with wire stylet, peel away introducer, and tape measure.

DESCRIPTION	ITEM #	PRICE
2Fr (23Ga) x 40cm (16in) Single Lumen	3240	$60.00
3Fr (20Ga) x 60cm (24in) Single Lumen	3360	$60.00
4Fr (18Ga) x 60cm (24in) Single Lumen	3460	$60.00
5Fr (16Ga) x 60cm (24in) Single Lumen	3560	$60.00
5Fr x 60cm (24in) Double Lumen (2-18Ga)	3565	$73.00

See MILA website for link to YouTube video.

EZIO - Intraosseous Catheter Kit

- Emergency delivery of fluid, medications, and blood products directly into the vascular system within seconds, via bone marrow.
- Reuseable stainless steel **two-part** needle. Solid sharp inner cannula. Consists of outer cannula with depth marks and forked tip.
- Very gentle. No bone splintering as with competitive systems.
- Training needles are ***non-sterile***. Sterilize with cold sterilant, autoclave or EO Gas.
- **Re-use needles up to ten times.**
- Power driver has lithium sealed battery.

DESCRIPTION	ITEM #	PRICE
Power Driver - G3	EZPD-3	$425.00
Needle - 15Ga x 1.5cm	EZ1515	$187.00
Needle - 15Ga x 2.5cm	EZ1525	$187.00
Needle - 15Ga x 4.5cm	EZ1545	$187.00
Training Needle - 15Ga x 1.5cm	EZTN15	$70.00
Training Needle - 15Ga x 2.5cm	EZTN25	$70.00
Training Needle - 15Ga x 4.5cm	EZTN45	$70.00
Carrying Case - Soft Sided	EZC-S	$60.00

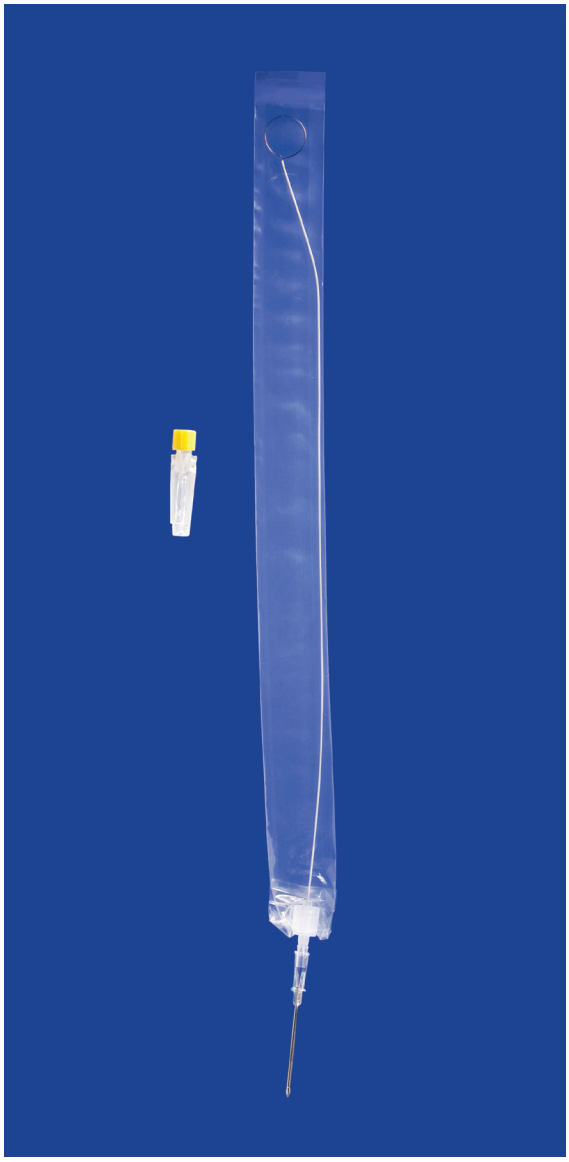
"We have found the EZIO very useful for patient care in our Emergency and Critical Care Department. It is easy to use and we train students, staff, house officers and faculty on clinical indications."

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

Veincath Catheters
Catheter Through Needle Introduction Style

- Innovative replacement for the VenoCath™
- **Protective pouch** to advance catheter with stylet.
- After catheter is placed, the needle is safely discarded before easy attachment of the female luer.
- Economical, radiopaque.

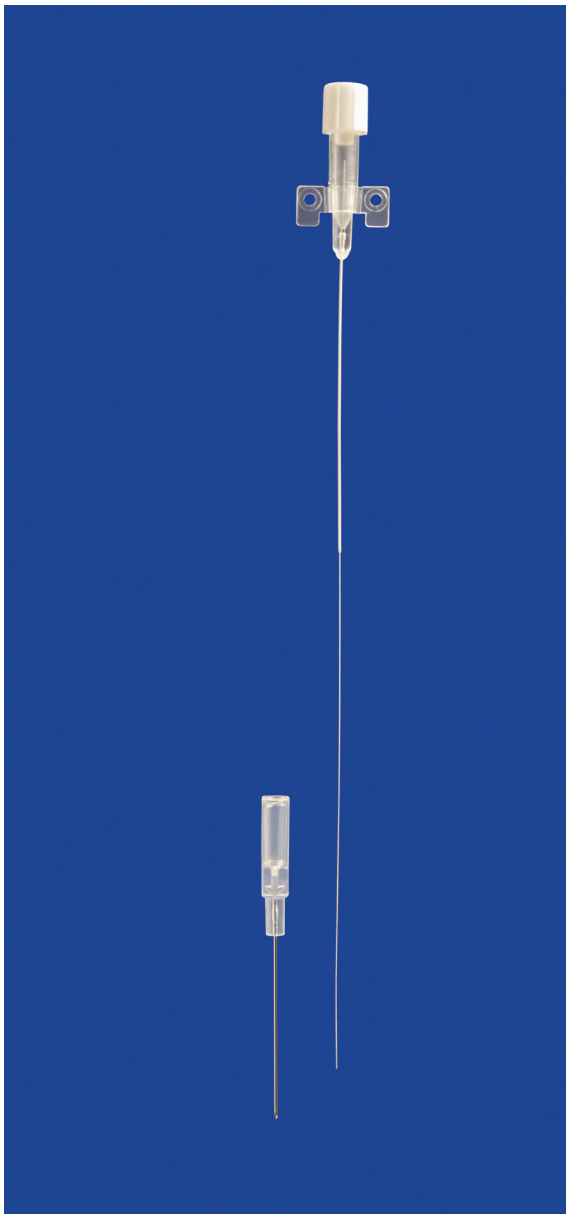
DESCRIPTION	ITEM #	PRICE
20Ga x 30cm (12in) catheter with 18Ga introducer	V2030	$14.00



Arterial Catheter

- Reliable guidewire introduction technique.
- 22Ga x 6cm (2.5in)
- Constructed of PTFEm with flexible suture wing.
- Set includes 22Ga needle, wire, and catheter.

ITEM #AR2206	$18.00

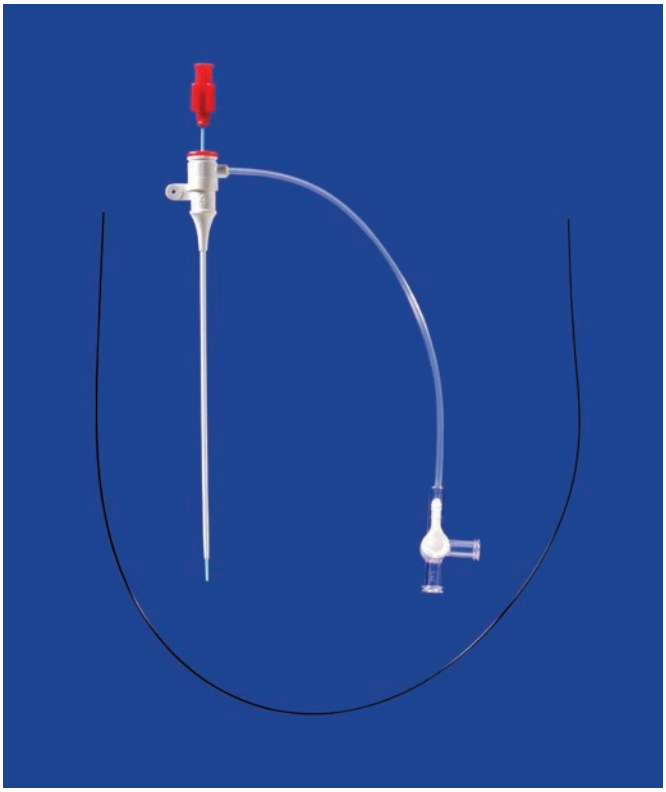


NEW

Introducer Sheaths with Hemostatic Valve

- Vascular access introducer sheath with hemostatic valve.
- Complete hemostasis during insertion and withdrawal of devices.
- Advanced material improves flexibility without gapping or kinking.
- Quarter-turn-screw dilator locking system ensures the smooth transition from dilator to sheath, preventing the pull out of the dilator.
- Includes sheath, dilator, and 45cm hydrophilic coated Nitinol wire with angled tip.

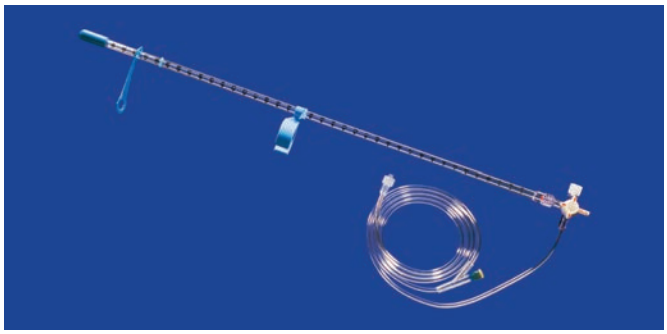
DESCRIPTION	ITEM #	PRICE
4Fr x 4cm (1.6in) - .021 wire	ISK4	$27.00
5Fr x 5cm (2in) - .021 wire	ISK5	$27.00
6Fr x 7cm (2.8in) - .035 wire	ISK6	$27.00
7Fr x 7cm (2.8in) - .035 wire	ISK7	$27.00
8Fr x 7cm (2.8in) - .035 wire	ISK8	$27.00
9Fr x 7cm (2.8in) - .035 wire	ISK9	$27.00



CVP Manometer

35cm water manometer with four-way stopcock, 125cm (50 inch) extension, injection site and luer lock adapter.

ITEM #CVP35	$21.00



NEW

Blood Filtration System

- Stainless steel filter designed to filter particulate within blood components down to 18 microns.
- Used for the filtration of stored blood components and other fluids indicated for filtration.
- Luer locking hub allows the use of a standard syringe without a needle.
- Hemo-Tap bag spike with needle injection port.

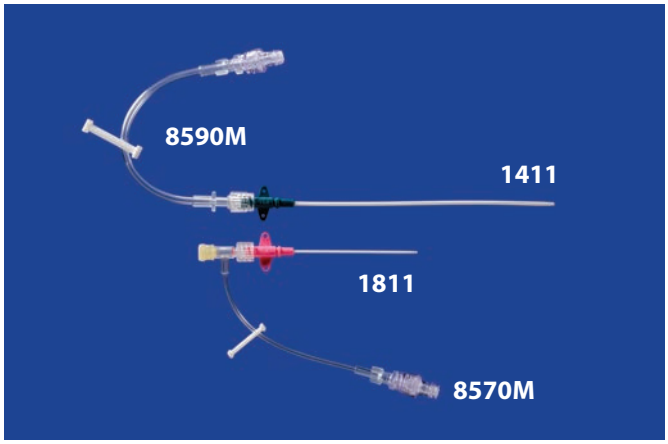
DESCRIPTION	ITEM #	PRICE
Hemo-Tap Bag Spike	BF15	$4.25
Hemo-Nate Blood Filter - 18 Micron	BF18	$4.75

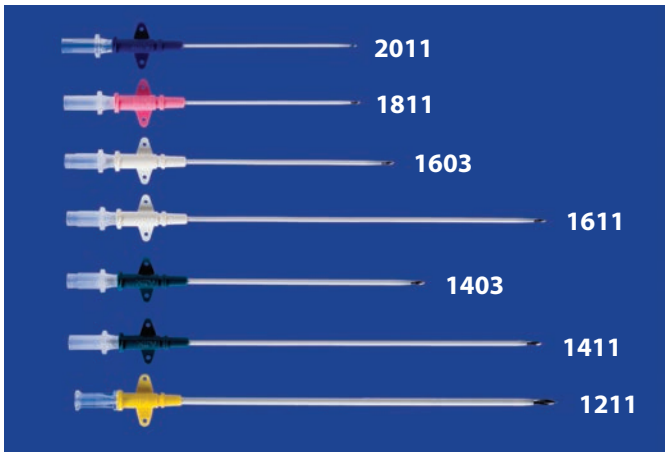
Extended Use MILACATH®

- Kink resistant and break resistant radiopaque polyurethane catheter-over-needle.
- Suture wing and suture groove.

DESCRIPTION	ITEM #	PRICE
20Ga x 6.25cm (2.5in)	2011	$11.00
18Ga x 6.25cm (2.5in)	1811	$11.00
16Ga x 7.5cm (3.0in)	1603	$11.00
16Ga x 13cm (5.25in)	1611	$12.00
14Ga x 9cm (3.5in)	1403	$11.00
14Ga x 13cm (5.25in)	1411	$12.00
12Ga x 13cm (5.25in)	1211	$12.00

Note: Extension sets and caps pictured on pages 16-20.

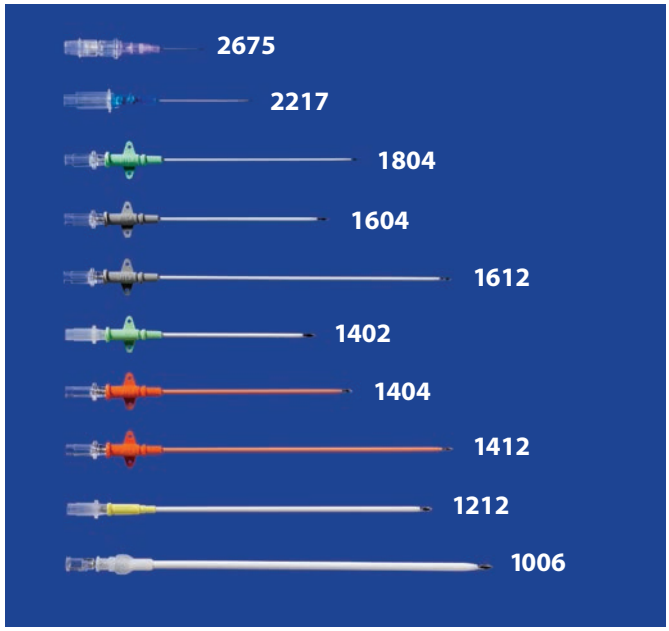




Short Term Catheters

- Teflon radiopaque catheter-over-needle.

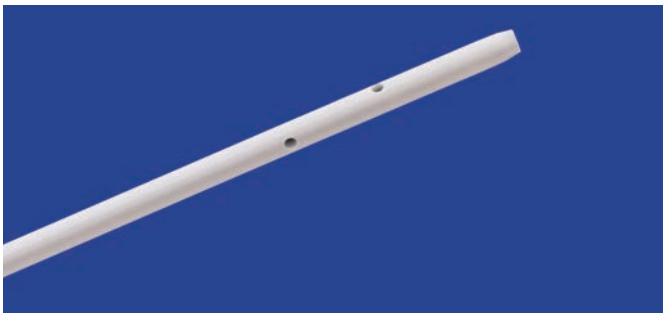
DESCRIPTION	ITEM #	PRICE
26Ga x 20mm (.75in)	2675	$2.75
22Ga x 45mm (1.75in)	2217	$3.50
18Ga x 9cm (3.5in)	1804	$8.00
16Ga x 8cm (3in)	1604	$8.00
16Ga x 13cm (5.25in)	1612	$8.00
14Ga x 7cm (2.75in)	1402	$5.00
14Ga x 9cm (3.5in)	1404	$8.00
14Ga x 13cm (5.25in)	1412	$8.00
12Ga x 13cm (5.25in)	1212	$10.00
10Ga x 15cm (6in) - polyurethane	1006	$11.00

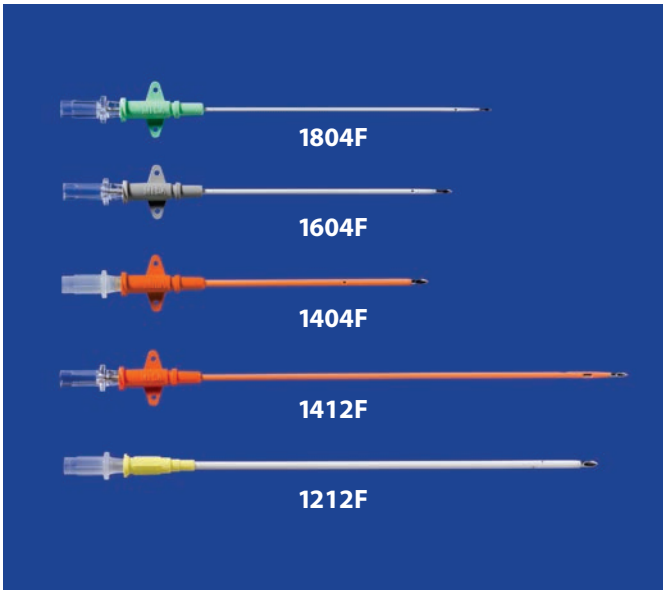


Fenestrated Catheters

- Catheter-over-needle style with smooth transition from needle to catheter that aids in placement.
- Fenestrated with an additional 4 side holes at the distal end.
- Ideal for tapping pericardial effusion in dogs.

DESCRIPTION	ITEM #	PRICE
18Ga x 5cm (2.5in)	1802F	$10.00
18Ga x 9cm (3.5in)	1804F	$10.50
16Ga x 8cm (3in)	1604F	$10.50
14Ga x 9cm (3.5in)	1404F	$10.50
14Ga x 13cm (5.25in)	1412F	$10.50
12Ga x 13cm (5.25in)	1212F	$11.00





Introcan® Safety™ Catheters

- Quality smooth transition from needle to catheter reduces burring and wasted sticks.
- Introcan® Safety™ radiopaque polyurethane catheters feature a safety clip that automatically covers the needle point when it is withdrawn, reducing accidental needle sticks.
- Push-off plate on hub for smooth insertion.
- Guarded flashback chamber.

DESCRIPTION	ITEM #	PRICE
24Ga x 19mm (.75in)	IC2475	$2.00
22Ga x 25mm (1.0in)	IC2201	$2.00
20Ga x 32mm (1.25in)	IC2001	$2.00
18Ga x 45mm (1.75in)	IC1801	$2.00

NEW

360° SPINNER LUER LOCK*

- **360° spinning luer lock hub** resists twisting and kinking of the catheter during horse movement.
- Helps prevent catheter disconnects by allowing the extension line to spin freely **360°** when connected to a catheter. Avoids accidental unscrewing.
- Easily position the extension set dorsal or ventral to allow catheter wings to lay flat against the horse for improved stabilization.
- Item numbers 8518M, 8530M, 8590M feature the stasis valve and the 360° spinning luer lock hub. Item numbers 8700 and 8718 feature a large bore female luer and 360° spinning luer lock hub.

STASIS VALVE

- **The neutral displacement stasis valve prevents blood reflux into the catheter when connecting and disconnecting syringes/lines.**
- **Does not require clamping to control valve induced reflux.**
- **Closed, needle free valve with a flat, swabable top for easy disinfecting.**
- **Saline flush** option reduces risk, cost, and time associated with Heparin use. **Heparin not required.**
- **Higher flow rate** than Microclave.
- Included in item numbers 8518M, 8530M, 8572M, 8575M, 8590M.

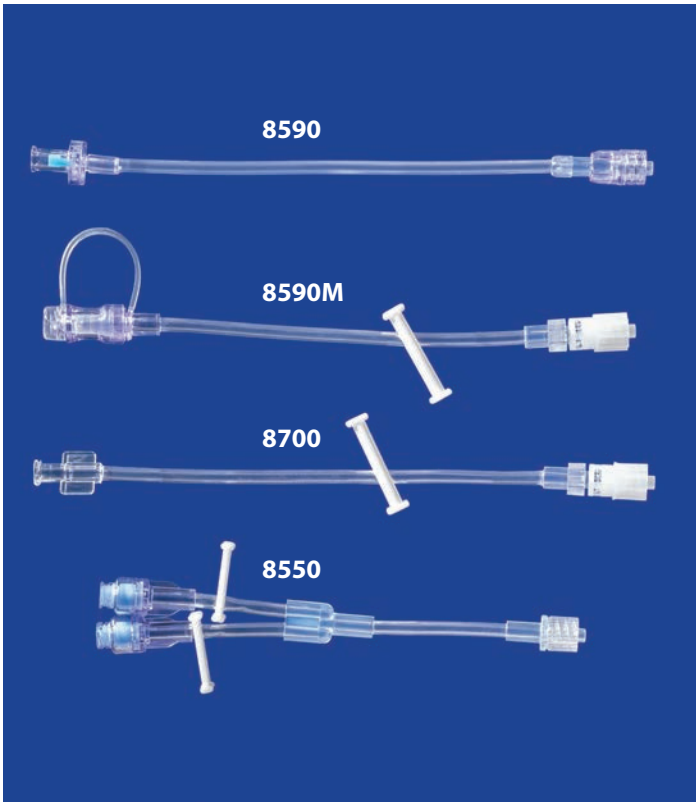
LARGE BORE FEMALE LUER

- Large bore, female luer.
- Included in item numbers 8700 and 8718.

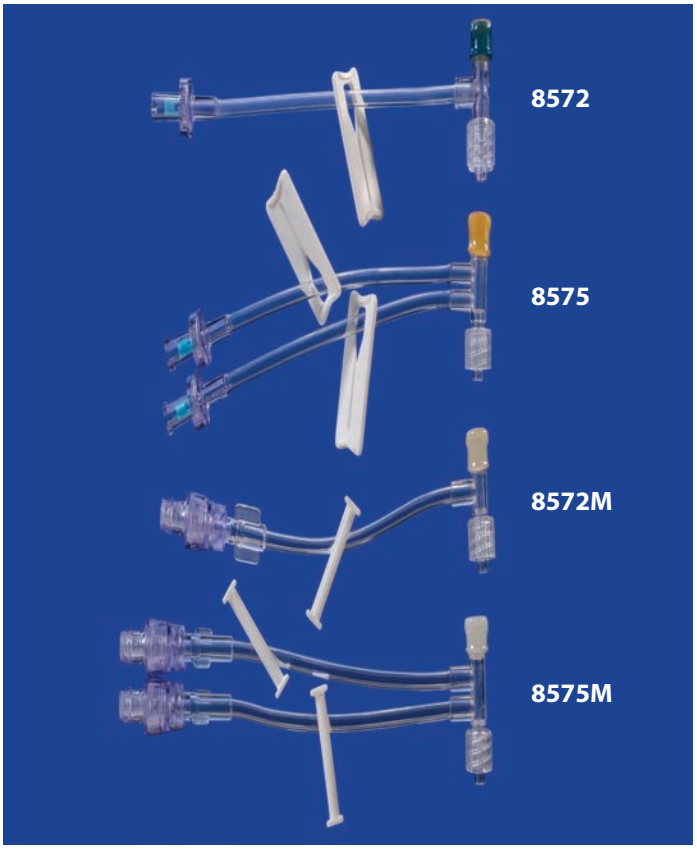
ROTATING MALE LUER LOCK

- Large bore, rotating luer lock.
- Included in item numbers 8518, 8550, 8572, 8575, 8590, 8572M, and 8575M.

***Patent Pending**



DESCRIPTION	ITEM #	PRICE
Normally Closed Valve and Rotating Male Luer Lock		
13Ga x 18cm (7in)	8590	$3.85
13Ga x 45cm (18in)	8518	$3.85
Stasis Valve, Clamp, Tethered Cap, and 360° Spinner		
13Ga x 18cm (7in)	8590M	$2.50
13Ga x 45cm (18in)	8518M	$2.70
13Ga x 75cm (30in)	8530M	$2.90
Female Luer, Clamp, and 360° Spinner		
13Ga x 18cm (7in)	8700	$2.00
13Ga x 45cm (18in)	8718	$2.20
Needle Free Y Extension, Clamps, and Rotating Male Luer Lock		
12Ga x 13cm (5.25in)	8550	$4.00



DESCRIPTION	ITEM #	PRICE
T-Set with Normally Closed Valve, Clamp, and Rotating Male Luer Lock		
12Ga x 12.75cm (5in)	8572	$4.60
Double T with Normally Closed Valves, Clamps, and Rotating Male Luer Lock		
12Ga x 12.75cm (5in)	8575	$4.60
T-Set with Stasis Valve, Injection Site, Clamp, and Rotating Male Luer Lock		
12Ga x 12.75cm (5in)	8572M	$2.00
Double T with Stasis Valves, Clamps, and Rotating Male Luer Lock		
12Ga x 12.75cm (5in)	8575M	$4.50

NEW

STASIS VALVE

- **The neutral displacement stasis valve prevents blood reflux into the catheter when connecting and disconnecting syringes/lines.**
- **Does not require clamping to control valve induced reflux.**
- **Closed, needle free valve with a flat, swabable top for easy disinfecting.**
- Saline flush option reduces risk, cost, and time associated with Heparin use. **Heparin not required.**
- **Higher flow rate** than Microclave.
- Included in item numbers 8570M, 8573M, 8574M, 8576M, 8585M.

MICROCLAVE®

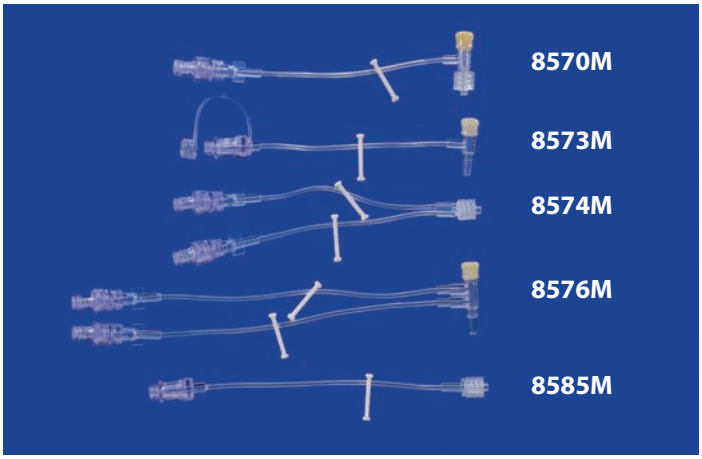
- One-piece, closed, needle free connector.
- Approved for saline flush. **Heparin not required.**
- Included in item numbers MC40, MC43, MC44.

NORMALLY CLOSED VALVE

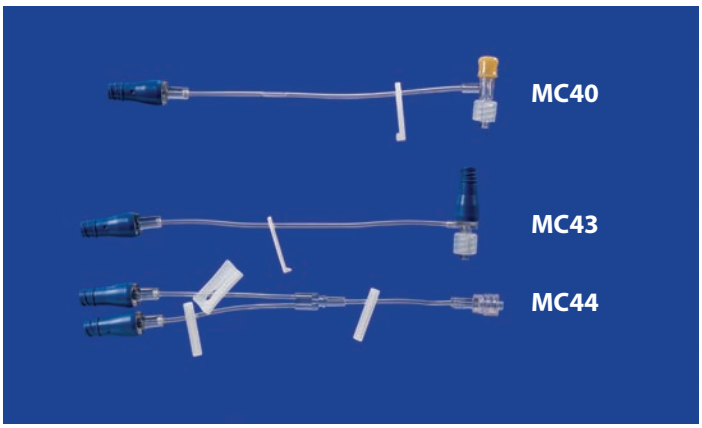
- The valve is bi-directional for infusion and sampling.
- Small bore tubing.
- Select caps on page 20, or connect to an IV line.
- Included in item numbers 8570 and 8585.

FEMALE LUER AND ROTATING MALE LUER LOCK

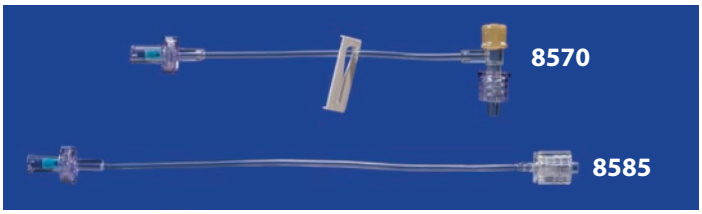
- Small bore, mini bore, and pressure tubing with female luer.
- Rotating male luer lock.
- Select caps on page 20, or connect to an IV line.
- Included in item numbers 8515, 8540, 8541, 8544, 8545.



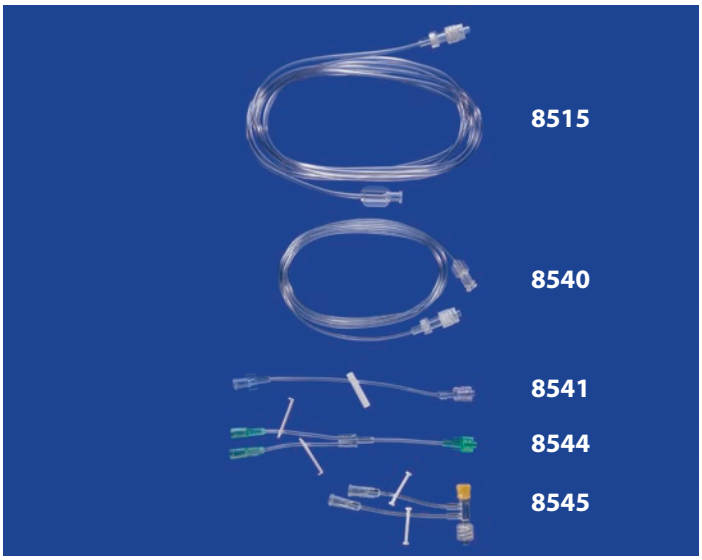
DESCRIPTION	ITEM #	PRICE
T-Set, Injection Site, Clamp, Rotating Male Luer Lock 16Ga x 13cm (5in)	8570M	$2.00
T-Set, Injection Site, Clamp, Luer Slip 16Ga x 13cm (5in)	8573M	$2.00
Y-Set, Clamps, Rotating Male Luer Lock 16Ga x 13cm (5in)	8574M	$4.00
T-Set with Dual Valves, Injection Site, Clamps, Luer Slip 16Ga x 20cm (8in)	8576M	$4.50
Single Lumen, Clamp, Rotating Male Luer Lock 16Ga x 18cm (7in)	8585M	$1.85



DESCRIPTION	ITEM #	PRICE
Smallbore T-Set with MicroClave, Injection Site, Clamp, Rotating Luer Lock (18cm/7in length)	MC40	$4.85
Smallbore T-Set with dual MicroClaves, Injection Site, Clamp, Rotating Luer Lock (18cm/7in length)	MC43	$5.00
Smallbore Bifuse 'Y' Set with three Clamps, Rotating Luer Lock (18cm/7in length)	MC44	$5.00



DESCRIPTION	ITEM #	PRICE
Small Bore T-Set with clamp - 16Ga x 12.75cm (5in)	8570	$4.60
Small Bore - 16Ga x 18cm (7in)	8585	$3.85



DESCRIPTION	ITEM #	PRICE
Pressure Monitoring Extension 16Ga x180cm (72in)	8515	$3.75
Small bore - 20Ga x 100cm (40in)	8540	$3.85
Mini Bore Extension - 20Ga x 15cm (6in)	8541	$2.50
Y Extension Set	8544	$3.00
Double T Extension Set	8545	$4.00

Injection Ports

FEATURE	Item #8200	Item #8098	Item #8095	Item #8080
Needle Free, Swabable	✔	✔	✔	
Neutral Displacement	✔			
Bi-Directional	✔	✔	✔	
Approved for Saline Flush	✔	✔		
High Flow	✔		✔	
Normally Closed	✔	✔	✔	✔
Safety, Built-in Stop	NA	NA	NA	✔
Price	$1.50	$2.00	$3.00	$0.80

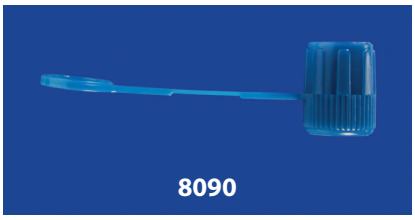
- **#8200 - Neutral Displacement (Stasis) Injection Port** prevents blood reflux into the catheter. Does not require clamping to control valve induced reflux and the saline flush option reduces risk, cost, and time associated with Heparin use. Higher flow rate than the Microclave.
- **#8098 - MicroClave** is a one-piece, closed, needle free connector. Labeled for saline flush. Heparin not required.
- **#8095 - Bi-Directional Injection Port** for direct attachment of an IV line or syringe. Includes a tethered cap (8090).
- **#8080 - Safety Injection Port** has a built-in stop to prevent accidental tubing or technician puncture.

DESCRIPTION	ITEM #	PRICE
Neutral Displacement (Stasis) Injection Port	8200	$1.50
MicroClave Needle Free Injection Port	8098	$2.00
Bi-Directional Valve Cap (includes 8090)	8095	$3.00
Safety Injection Port	8080	$0.80

Caps

- **Tethered Cap** (8090) attaches to the catheter or extension hub to cover the injection site.
- **Stemless Luer Lock Cap** (8099) 10 pack, non-sterile.

DESCRIPTION	ITEM #	PRICE
Tethered Cap	8090	$0.80
Stemless Luer Lock Cap (10 pack)	8099	$3.75


8090

8099

NEW

Aspiration Needle System for **FLUID**

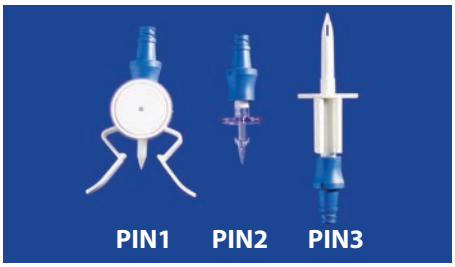
- Designed to provide intraosseous access and quality fluid aspirates.
- Triple sharpened tip to allow a non-traumatic, fast penetration into the bone marrow cavity.
- Adjustable depth guard to help control depth during needle insertion.
- Luer lock connection for syringe.

DESCRIPTION	ITEM #	PRICE
18Ga x 3cm (1.25in) - Pink	BMAN18	$22.00
15Ga x 3cm (1.25in) - Blue	BMAN15	$22.00

Dispensing Pins

- Save time and money.
- Puncture bag stopper or vial only once for multiple withdrawals or injections.
- All are needle free. Operate with any syringe.
- PIN1 clamps onto the vial, eliminates pulling against a vacuum, and extends the life of the vial medication because all incoming air is filtered. Use on 20mm and 28mm vials.
- PIN3 greatly speeds up the process of filling syringes from a bag. The bag is punctured only once with the spike, thereby extending the life of the fluids when withdrawing from the bag through the needle free adapter, rather than through a needle.

DESCRIPTION	ITEM #	PRICE
Locking Vial Spike with MicroClave and Filtered Inlet Vent	PIN1	$3.50
Vial Spike with MicroClave	PIN2	$2.25
IV Bag Access with MicroClave	PIN3	$2.00



NEW

Bone Marrow Aspiration Needle 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.
- Needle point allows for easy penetration into the marrow 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.

DESCRIPTION	ITEM #	PRICE
13Ga x 10cm (4in) - Blue	BMAN13	$28.00
11Ga x 10cm (4in) - White	BMAN11	$28.00
8Ga x 10cm (4in) - Green	BMAN8	$28.00

NEW

Vented Vial Access Adapter

- Vented, with dual pathway non-coring plastic spike and pressure equalization with 0.2 micron bacteria filter.
- Locks onto the vial.
- 0.10ml priming volume.

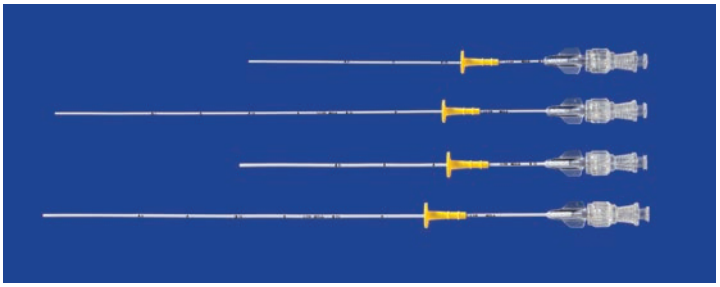
DESCRIPTION	ITEM #	PRICE
13mm vial	PIN13	$3.25
20mm vial	PIN20	$3.00
28mm vial	PIN28	$4.00

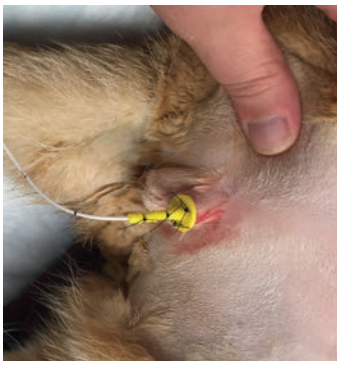
Tomcat / Small Animal Urinary Catheter

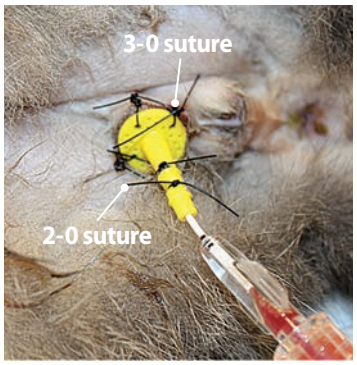
- **One catheter replaces two.** Same catheter used to unblock and leave indwelling to drain the bladder. This single device technique is designed to reduce the risk of infection and trauma associated with a two catheter technique.
- FLUSHING STYLET (optional) enables flushing through the stylet during insertion.
- Moveable new suture device allows length adjustment.
- Non-irritating radiopaque polyurethane material with a finished open tip. Catheter is rigid for easy insertion and softens with body temperature.
- Improvement to the standard Tomcat, Jackson and Slippery Sam™ urinary catheters.
- Finished open tip.
- Luer lock for secure attachment to a CLOSED COLLECTION SYSTEM (see page 23).
- The 25cm length allows for the most flexibility when securing the catheter. The additional length allows for securement of the collection bag connector to occur at the tail or back of the cat, resulting in minimal catheter tension at the prepuce when the cat moves.

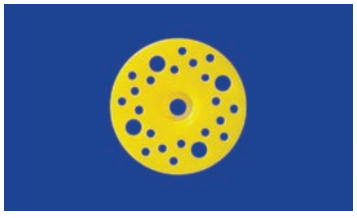
DESCRIPTION	ITEM #	PRICE
3.5Fr - catheter, length adjustable up to 15cm (6in)	UC306	$11.00
3.5Fr - catheter, length adjustable up to 15cm (6in), with stylet	UC306S	$13.00
3.5Fr - catheter, length adjustable up to 25cm (10in)	UC310	$11.00
3.5Fr - catheter, length adjustable up to 25cm (10in), with stylet - ***most versatile size***	UC310S	$13.00
5Fr - catheter, length adjustable up to 15cm (6in)	UC506	$13.00
5Fr - catheter, length adjustable up to 15cm (6in), with stylet	UC506S	$16.00
5Fr - catheter, length adjustable up to 25cm (10in)	UC510	$13.00
5Fr - catheter, length adjustable up to 25cm (10in), with stylet	UC510S	$16.00

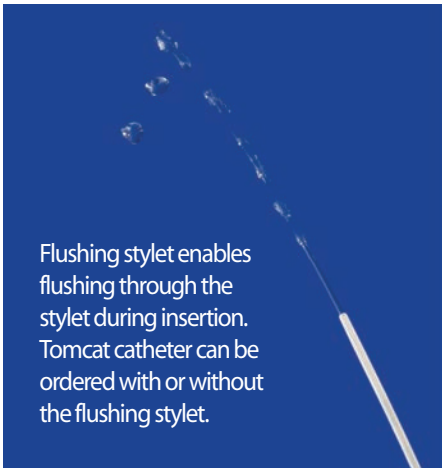
See page 23 for Urine Collection options.









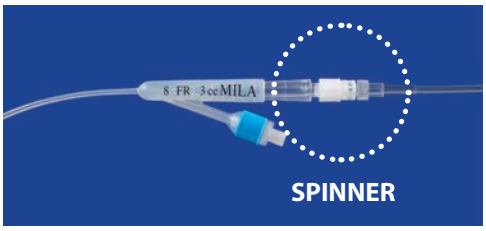


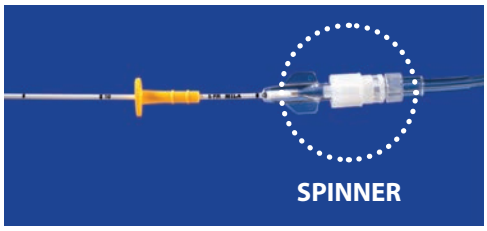
Closed System Urine Collection Kits and Replacement Bags

DESCRIPTION	ITEM #	PRICE
600cc closed system including 600cc collection bag with anti-reflux valve and twist drain, 72in (180cm) lightweight collection line with spinner luer lock, injection/sampling port, and female christmas tree adapter.	UC600K	$23.00
1000cc closed system including 1000cc collection bag with anti-reflux valve and twist drain, 72in (180cm) lightweight collection line with spinner luer lock, injection/sampling port, and female christmas tree adapter.	UC1000K	$23.00

360°SPINNER LUER LOCK ON THE COLLECTION LINE

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





2000cc closed system including 2000cc collection bag with anti-reflux valve and push/pull drain, 72in (180cm) collection line, injection/sampling port, non-wetable air filter, and integrated barbed adapter.	UC2000K	$23.00

NEW

FOAL Closed System

FOAL closed system with 600cc bag with anti-reflux valve and twist drain, short 7in (17cm) collection line allows foal to carry bag.	UC600F	$23.00

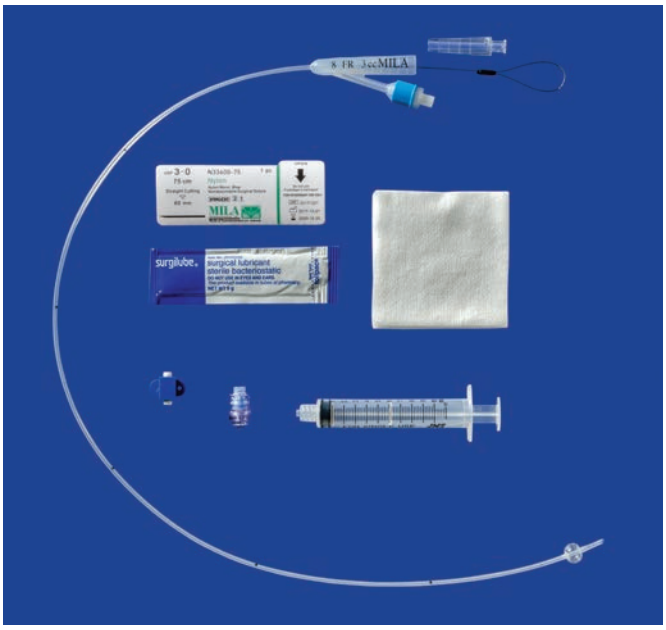
REPLACEMENT BAGS

600cc Collection Bag - Improved with volume marks beginning with 50cc, male luer lock, and twist drain.	UC600	$18.00
1000cc Collection Bag - Improved with volume marks beginning with 25cc, male luer lock, and twist drain.	UC1000	$18.00

Foley Catheters with Wire Stylet in a Procedure Kit

- **Kit** includes radiopaque silicone foley catheter, wire stylet, suture wing, suture pack, female luer lock christmas tree, cap, lubricating gel packet, gauze, and syringe.
- Water activated lubricant on **inside** of sizes 5, 6 and 8 facilitates wire removal.
- Balloon cuff retains catheter in the bladder.
- The stylet provides rigidity to save time and trauma.

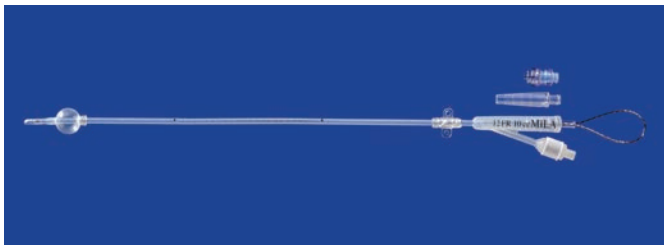
DESCRIPTION	ITEM #	PRICE
5Fr x 30cm (12in) with 1cc balloon	UC512	$37.00
5Fr x 55cm (21in) with 1cc balloon	UC521	$37.00
6Fr x 30cm (12in) with 1.5cc balloon, suture wing	UC612	$37.00
6Fr x 60cm (24in) with 1.5cc balloon, suture wing	UC624	$37.00
6Fr x 90cm (36in) with 1.5cc balloon, suture wing	UC636	$37.00
8Fr x 30cm (12in) with 3cc balloon, suture wing	UC812	$37.00
8Fr x 60cm (24in) with 3cc balloon, suture wing	UC824	$37.00
8Fr x 90cm (36in) with 3cc balloon, suture wing	UC836	$37.00
10Fr x 30cm (12in) with 5cc balloon, suture wing	UC1012	$37.00
10Fr x 45cm (18in) with 5cc balloon, suture wing	UC1018	$37.00
10Fr x 90cm (36in) with 5cc balloon, suture wing	UC1036	$37.00



Foley Catheters with Wire Stylet

- Catheter **with wire stylet**, female luer lock christmas tree, and cap.

DESCRIPTION	ITEM #	PRICE
12Fr x 30cm (12in) with 10cc balloon, suture wing	UC1212	$35.00
12Fr x 55cm (21in) with 10cc balloon, suture wing	UC1221	$35.00
14Fr x 23cm (9in) with 10cc balloon, suture wing	UC1409	$35.00
14Fr x 55cm (21in) with 10cc balloon, suture wing	UC1421	$35.00
16Fr x 55cm (21in) with 10cc balloon	UC1621	$35.00
18Fr x 55cm (21in) with 10cc balloon	UC1821	$35.00
20Fr x 55cm (21in) with 10cc balloon	UC2021	$35.00
22Fr x 55cm (21in) with 10cc balloon	UC2221	$35.00
24Fr x 42cm (16in) with 30cc balloon	UC2416	$52.00
24Fr x 150cm (59in) with 30cc balloon	UC2459	$52.00

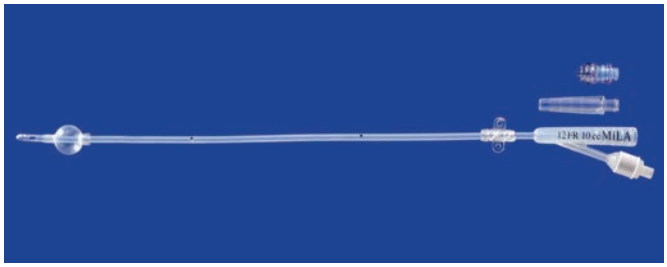


NEW

Foley Catheters without Wire Stylet

- Catheter only, **no stylet**. Includes female luer lock christmas tree, and cap.

DESCRIPTION	ITEM #	PRICE
12Fr x 30cm (12in) with 10cc balloon, suture wing	UC1212C	$25.00
12Fr x 55cm (21in) with 10cc balloon, suture wing	UC1221C	$25.00
14Fr x 23cm (9in) with 10cc balloon, suture wing	UC1409C	$25.00
14Fr x 55cm (21in) with 10cc balloon, suture wing	UC1421C	$25.00
16Fr x 55cm (21in) with 10cc balloon	UC1621C	$25.00
18Fr x 55cm (21in) with 10cc balloon	UC1821C	$25.00
20Fr x 55cm (21in) with 10cc balloon	UC2021C	$25.00
22Fr x 55cm (21in) with 10cc balloon	UC2221C	$25.00
24Fr x 42cm (16in) with 30cc balloon	UC2416C	$37.00
24Fr x 150cm (59in) with 30cc balloon	UC2459C	$37.00

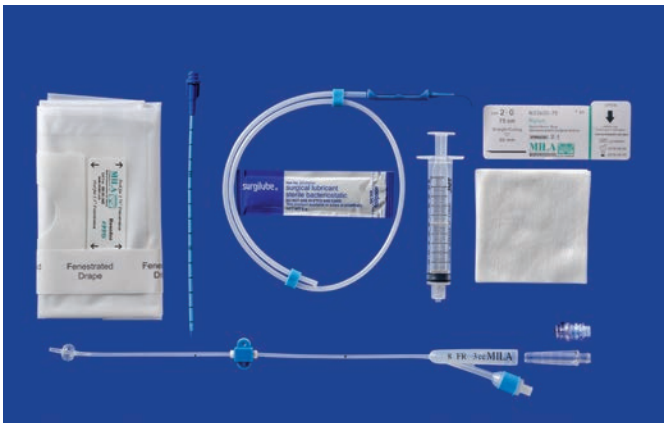


NEW

Foley Catheters for Female Canine Guidewire/Seldinger Insertion

- Guidewire inserted foley catheter for female dogs.
- **Open ended** foley catheter with balloon cuff.
- Hydrophilic Nitinol guidewire with angled tip.
- Water activated lubricant facilitates wire removal.
- Introducer with depth markings and flexible tip.
- Radiopaque silicone material.
- Kit includes catheter, guidewire, dilator, drape, lubricant, suture, suture wing, female luer lock christmas tree, cap, gauze, and syringe.

DESCRIPTION	ITEM #	PRICE
6Fr x 35cm (14in) with 1.5cc balloon	UCG610	$49.00
8Fr x 35cm (14in) with 3cc balloon	UCG810	$49.00



"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

Foal/Horse Foley Catheters and Foal Urine Collection Kit

- Balloon cuff retains catheter in the bladder.
- The wire provides rigidity to save time and trauma.
- Radiopaque silicone material.
- 8Fr and 10Fr sizes packaged in a kit with catheter, wire stylet, suture wing, suture pack, female luer lock christmas tree, cap, lubricating gel packet, gauze, and syringe.
- 12Fr to 24Fr include wire stylet, female luer lock christmas tree, and cap. Suture wing packaged with 12Fr and 14Fr.
- Urine collection kit includes 600cc collection bag with anti-reflux valve and twist drain, female luer lock christmas tree, and 17cm (7in) extension line to facilitate easy carrying of the bag by the foal.

DESCRIPTION	ITEM #	PRICE
8Fr x 30cm (12in) with 3cc balloon	UC812	$37.00
8Fr x 60cm (24in) with 3cc balloon	UC824	$37.00
8Fr x 90cm (36in) with 3cc balloon	UC836	$37.00
10Fr x 30cm (12in) with 5cc balloon	UC1012	$37.00
10Fr x 45cm (18in) with 5cc balloon	UC1018	$37.00
10Fr x 90cm (36in) with 5cc balloon	UC1036	$37.00
12Fr x 30cm (12in) with 10cc balloon	UC1212	$35.00
12Fr x 55cm (21in) with 10cc balloon	UC1221	$35.00
14Fr x 23cm (9in) with 10cc balloon	UC1409	$35.00
14Fr x 55cm (21in) with 10cc balloon	UC1421	$35.00
16Fr x 55cm (21in) with 10cc balloon	UC1621	$35.00
18Fr x 55cm (21in) with 10cc balloon	UC1821	$35.00
20Fr x 55cm (21in) with 10cc balloon	UC2021	$35.00
22Fr x 55cm (21in) with 10cc balloon	UC2221	$35.00
24Fr x 42cm (16in) with 30cc balloon	UC2416	$52.00
24Fr x 150cm (59in) with 30cc balloon	UC2459	$52.00
Foal Urine Collection Kit - 600cc bag with 17cm (7in) extension tube	UC600F	$23.00

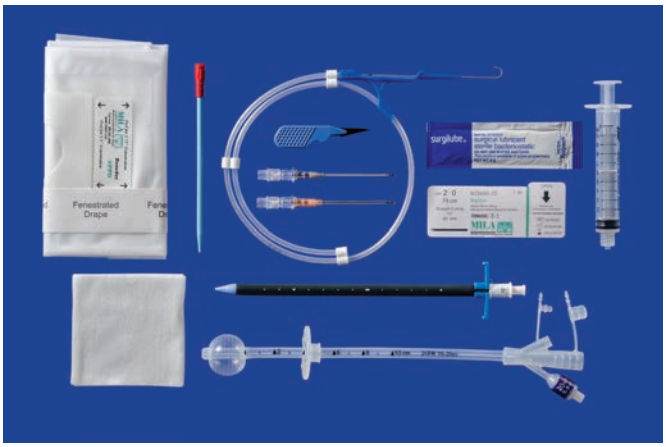
NEW

NEW

PERCUTANEOUS Balloon Catheter Kit for Cystostomy and Gastrotomy

- **Introduction uses Seldinger wire, followed by peel away sheath.**
- **Open ended** silicone catheter with 20cc balloon, depth markings, and radiopaque stripe.
- 20Fr x 25cm (10in) catheter with Y-port and fixation ring.
- **Short catheter tip** design reduces gastric mucosa irritation.
- Large funnel Y-port with locking caps.
- Adjustable fixation ring prevents catheter migration.
- Kit includes catheter, catheter-over-needle introducers, guidewire, peel-away sheath with dilator, 12Fr dilator, scalpel, drape, gauze, suture, and syringe.

ITEM #PBC20	$85.00

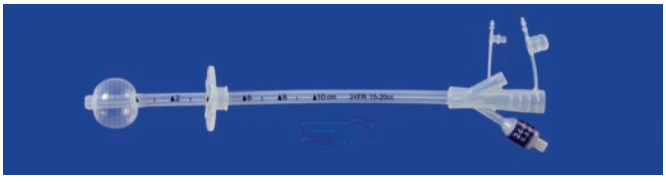


NEW

Cystostomy/Gastrotomy Catheter

- Surgically placed open ended silicone catheter with 20cc balloon, radiopaque stripe, fixation ring, and Y-port.

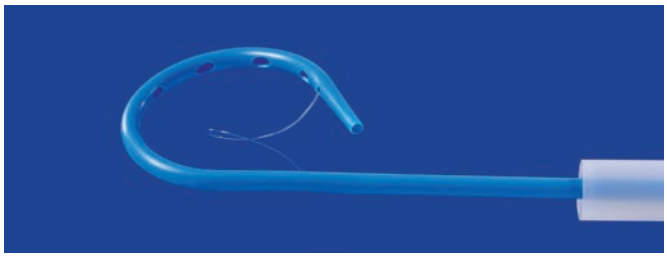
DESCRIPTION	ITEM #	PRICE
20Fr x 25cm (10in)	CYGA20	$24.00
24Fr x 25cm (10in)	CYGA24	$24.00



Locking Pigtail Catheter Kit (Nephrostomy)

- Percutaneous cannula-over-needle placement facilitates controlled, minimally invasive catheter introduction.
- For emergency drainage of nephrostomies and abscesses.
- Soft, flexible, kink resistant, radiopaque polyurethane catheter.
- Side holes positioned within catheter pigtail for effective drainage.
- **Locking string system** to secure pigtail/catheter in place.
- Includes cannula, direct puncture needle, pigtail catheter, collection line, and 600cc collection bag.

DESCRIPTION	ITEM #	PRICE
6Fr x 30cm (12in)	PT625	$75.00
8Fr x 30cm (12in)	PT825	$75.00



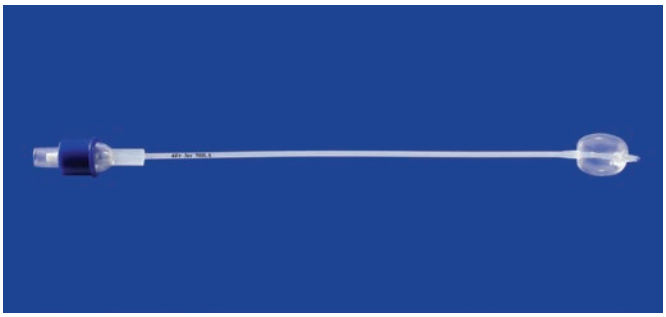
Anal Sac Lifting Catheter

- Use for anal sacculectomy.
- Silicone catheter and balloon construction.
- Stiff low profile tip allows catheter to navigate into the anal sac orifice.

DESCRIPTION	ITEM #	PRICE
4Fr x 17.5cm (7in) - 1cc balloon	SAC4	$9.00
6Fr x 17.5cm (7in) - 3cc balloon	SAC6	$9.00

See MILA website for link to YouTube video.

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

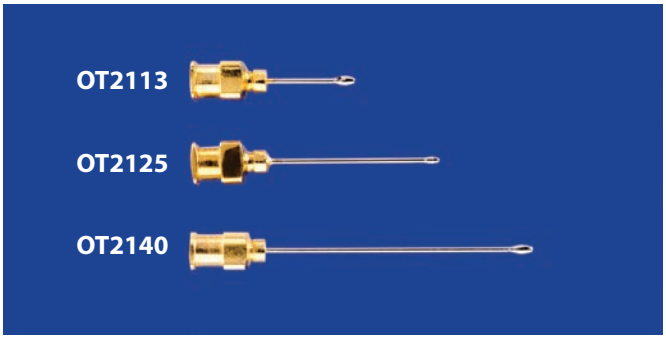


Olive Tip Needles

URINARY & ANAL GLAND LAVAGE NEEDLE

- Used to flush and lavage distal end of feline penis and anal gland.
- Stainless steel needle with small atraumatic olive tip.
- Female luer designed to fit any syringe.

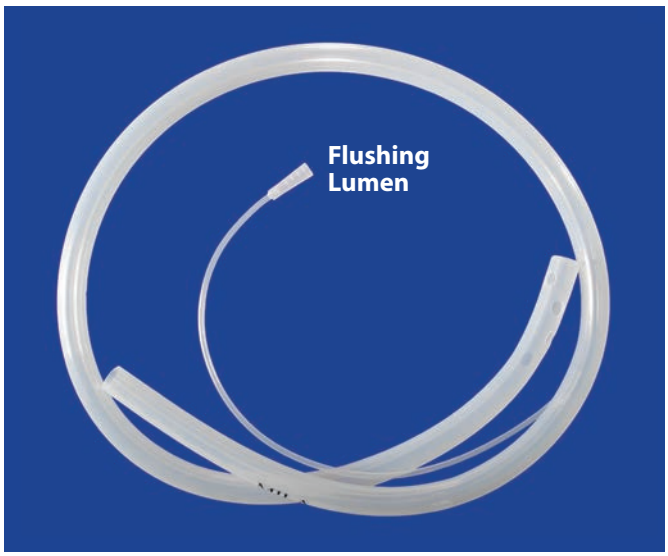
DESCRIPTION	ITEM #	PRICE
21Ga x 1.3cm (.5in)	OT2113	$15.00
21Ga x 2.5cm (1in)	OT2125	$15.00
21Ga x 4.0cm (1.5in)	OT2140	$15.00

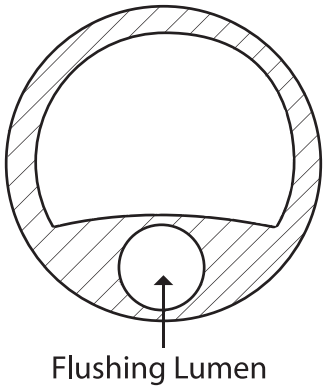


Canine GDV / Bloat Tube

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

DESCRIPTION	ITEM #	PRICE
Giant Breed 30mm (1.2in) OD x 22mm (1in) ID 180cm (72in) length, Flushing lumen = 50in	GDV1	$199.00
Large Breed 25mm (1.0in) OD x 18mm (.7in) ID 180cm (72in) length, Flushing lumen = 50in	GDV2	$199.00
Medium Breed 17mm (0.6in) OD x 12mm (.48in) ID 125cm (50in) length, Flushing lumen = 32in	GDV3	$120.00
Small Breed 12mm (0.48in) OD x 8.7mm (.34in) ID 125cm (50in) length, Flushing lumen = 32in	GDV4	$120.00





Gastrotomy Kits

- Radiopaque polyurethane material is non-irritating and stronger than silicone.
- Collapsible bumper to facilitate insertion and removal. **Less traumatic removal than mushroom style.**
- Right angle fixation device that holds tube securely.
- Locking Y-adapter for feeding, irrigation, decompression and medication without disconnection.
- In large dogs, suture the disk securely.

SURGICAL PLACEMENT

Surgical Kit includes 50cm (20in) peg tube, right angle fixation device, silicone fixation bar, Y-adapter, and clamp.

DESCRIPTION	ITEM #	PRICE
16Fr Surgically Placed Kit	PGS16	$52.00
20Fr Surgically Placed Kit	PGS20	$52.00

ENDOSCOPIC PLACEMENT

Endoscopic Kit includes introducer needle, guidewire with loop, 62.5cm (25in) PEG tube with loop, right angle fixation device, silicone fixation bar, Y-adapter and clamp.

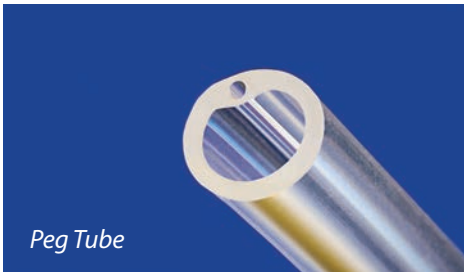
DESCRIPTION	ITEM #	PRICE
16Fr Endoscopically Placed Kit	PEG16	$70.00
20Fr Endoscopically Placed Kit	PEG20	$70.00

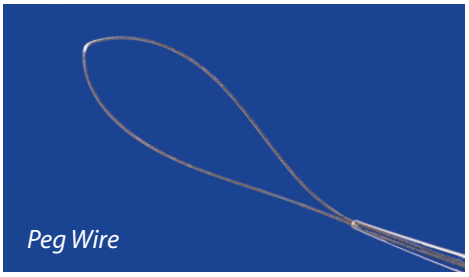
REPLACEMENT PIECES

Y-Replacement - 16Fr	RPEG16	$17.00
Y-Replacement - 20Fr	RPEG20	$17.00

See MILA website for link to YouTube video.

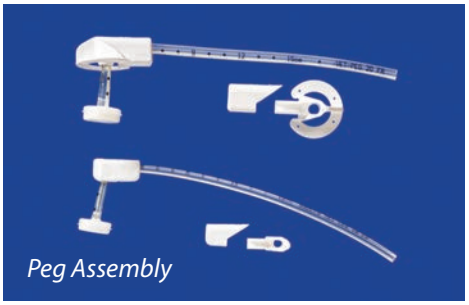
Kit Pieces

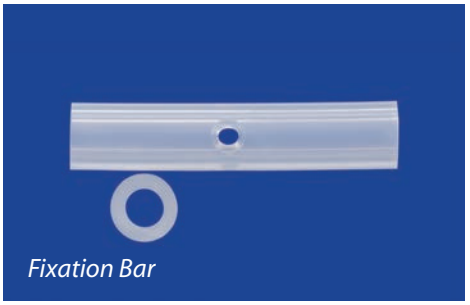

Peg Tube


Peg Wire

Peg Y

Peg Bumper


Peg Assembly

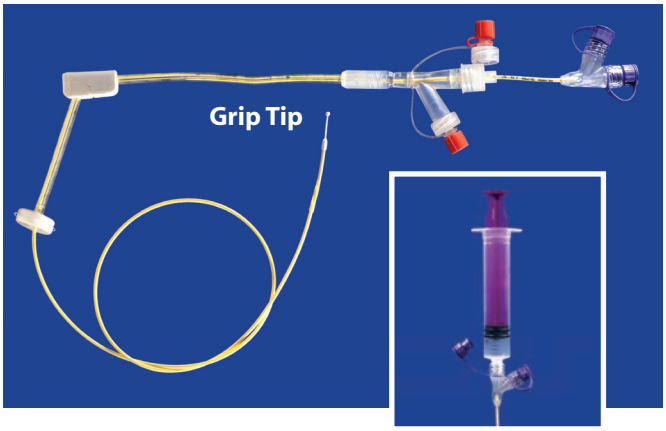

Fixation Bar

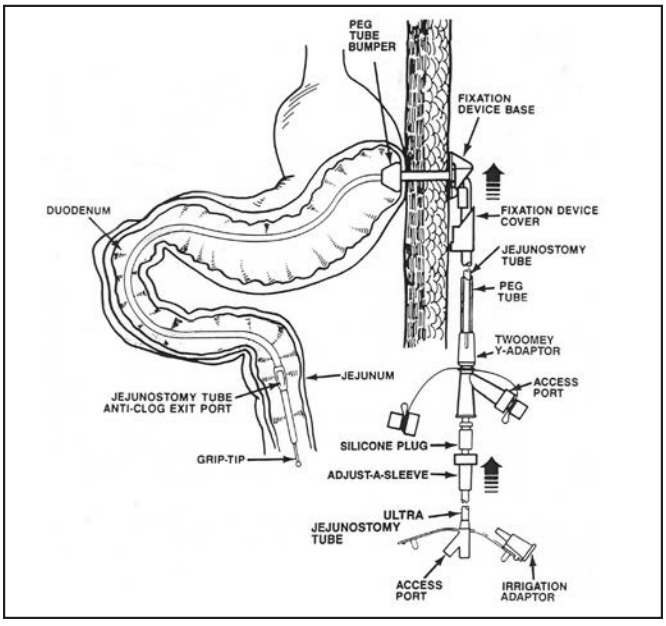
Jejunostomy Tubes (J thru G)

- Must be placed through either a 16Fr or 20Fr MILA PEG tube.
- Continuous nutritional support via a jejunostomy tube positioned in duodenum or jejunum.
- Sealed Twoomey adapter permits evacuation of stomach from side port and placement of J-tube through top port.
- **Grip tip** on tube for grasping with endoscope.
- **Purple luer locks** to indicate for enteral nutrition only.

For surgically placed J-tubes, refer to Nasogastric Feeding Tubes on page 30.

DESCRIPTION	ITEM #	PRICE
6Fr x 90cm (36in) - Order PEG16 or PGS16	J636	$65.00
8Fr x 90cm (36in) - Order PEG20 or PGS20	J836	$65.00
10Fr x 90cm (36in) - Order PEG20 or PGS20	J1036	$65.00





Mic-Key – Low Profile Gastrotomy Device

- Balloon style cuff which enables insertion and removal without trauma after a stoma is formed.
- Can be easily replaced by the client.
- Kit includes patient care kit with a 6cc & 60cc syringes, right angle feeding set, bolus feeding set and care giver guide.
- Available in 12Fr, 14Fr, 16Fr, 18Fr, 20Fr and 24Fr sizes and lengths of 1.0cm, 1.5cm, 2.0cm, 2.5cm, 3.0cm, 3.5cm, 4.0cm, 4.5cm, and 5.0cm. Length is from the proximal side of the balloon to the skin surface.

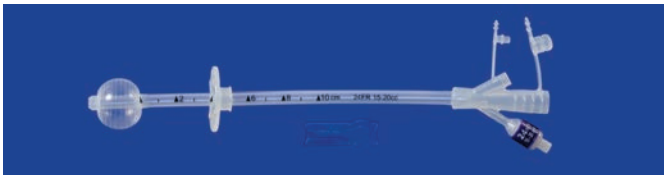
DESCRIPTION	ITEM #	PRICE
Mic-Key - specify Fr size and length	Mic-Key	$145.00
Stoma Measuring Device	M5555	$10.00
24in Right Angle Feeding Set - 5 pack	RFS24	$55.00
Bolus Feeding Set - 5 pack	BFS12	$50.00

NEW

Cystostomy/Gastrotomy Catheter

- Surgically placed open ended silicone catheter with 20cc balloon, radiopaque stripe, fixation ring, and Y-port.

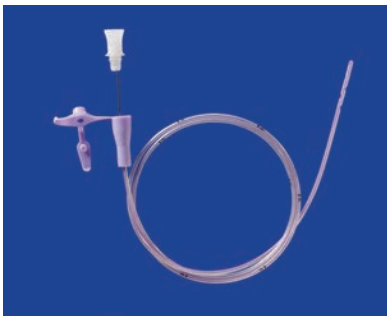
DESCRIPTION	ITEM #	PRICE
20Fr x 25cm (10in)	CYGA20	$24.00
24Fr x 25cm (10in)	CYGA24	$24.00



NG PLUS Feeding Tube with Flushing Stylet

- Use for decompression and feeding.
- Can be left indwelling for days.
- Round, soft atraumatic closed tip with side holes.
- Stylet pre-loaded in every tube and designed to allow **easy wire removal in tight turns.**
- Flushing stylet to facilitate insertion.
- Dual port designed for funnel syringe and luer slip syringe.
- **Superior kink resistance**.
- Non-irritating, LOW FRICTION, clear radiopaque polyurethane with purple stripe, depth markings and suture wing.
- Color coded purple for safety.
- **OTHER USES - oxygen delivery, male canine urine catheter, surgically placed jejunostomy tube.**

DESCRIPTION	ITEM #	PRICE
5Fr x 55cm (22in) sterile	NGP522S	$18.00
5Fr x 90cm (36in) sterile	NGP536S	$18.00
6Fr x 55cm (22in)	NGP622	$15.00
6Fr x 90cm (36in)	NGP636	$15.00
8Fr x 90cm (36in)	NGP836	$15.00
8Fr x 108cm (43in)	NGP843	$15.00
8Fr x 140cm (55in)	NGP855	$15.00
10Fr x 90cm (36in)	NGP1036	$15.00
10Fr x 140cm (55in)	NGP1055	$15.00
12Fr x 108cm (43in)	NGP1243	$15.00

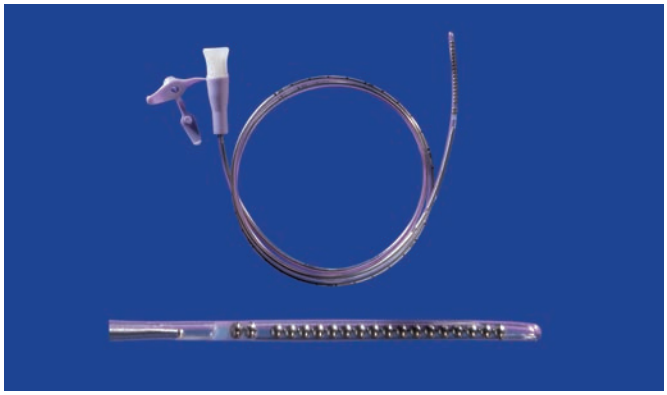


NEW

WEIGHTED NG PLUS Feeding Tube with Flushing Stylet

Weighted NG Plus Feeding tubes have all of the same features as non-weighted tubes. Weight is in the distal tip.

DESCRIPTION	ITEM #	PRICE
6Fr x 55cm (22in) - 1 Gram weight	NGP622W	$18.00
8Fr x 108cm (43in) - 3 Gram weight	NGP843W	$20.00
10Fr x 90cm (36in) - 3 Gram weight	NGP1036W	$25.00
12Fr x 108cm (43in) - 3 Gram weight	NGP1243W	$25.00



NEW

Feeding Tube Extension

- Color coded purple for safety, to indicate feeding.
- Male luer fits the port of all MILA yellow and purple NG Tubes.
- Total length 150cm/60in.

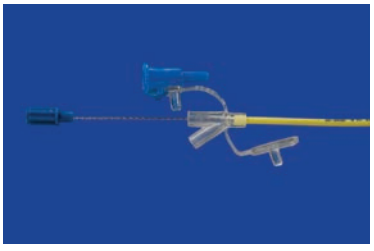
ITEM #FTE60	$3.00

Nasogastric Feeding Tube with Stylet

- Use for decompression and feeding.
- Can be left indwelling for days.
- Flushing stylet to facilitate insertion.
- Non-irritating radiopaque polyurethane.
- Depth marks.
- Y-adapter for feeding, medication and flushing.
- Suitable for oropharyngeal oxygen delivery.
- Can be used as surgically placed Jejunostomy Tubes.

DESCRIPTION	ITEM #	PRICE
3Fr x 25cm (10in) sterile	NG310S	$11.00
5Fr x 55cm (22in) sterile	NG522S	$20.00
6Fr x 55cm (22in)	NG622	$16.00
6Fr x 90cm (36in)	NG636	$16.00
8Fr x 108cm (43in)	NG843	$16.00
8Fr x 140cm (55in)	NG855	$16.00
10Fr x 90cm (36in)	NG1036	$16.00
10Fr x 108cm (43in)	NG1043	$18.00
10Fr x 140cm (55in)	NG1055	$18.00
12Fr x 108cm (43in)	NG1243	$20.00
14Fr x 125cm (50in) Length adjustable and includes suture wing	NG1450	$30.00
18Fr x 250cm (100in) Length adjustable and includes suture wing	NG18100	$33.00

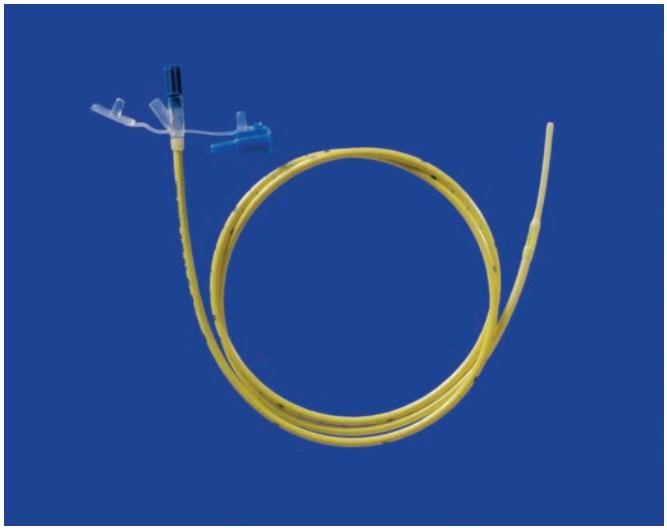
See MILA website for link to YouTube video.

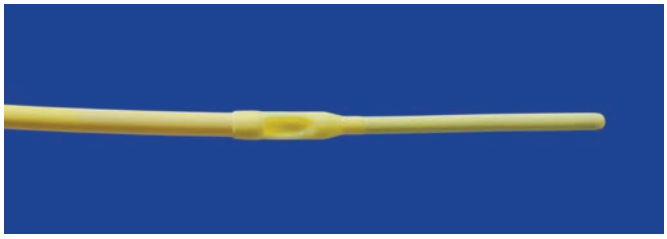


Weighted Nasogastric Feeding Tube with Stylet

- Weight in distal end.
- Depth marks.
- Non-irritating radiopaque polyurethane.
- Use for decompression and feeding.
- Flushing stylet to facilitate insertion.
- Y-adapter for feeding, medication, and flushing.

DESCRIPTION	ITEM #	PRICE
6Fr x 55cm (22in) - 1 Gram weight	NG622W	$20.00
8Fr x 108cm (43in) - 3 Gram weight	NG843W-3	$22.00
8Fr x 108cm (43in) - 7 Gram weight	NG843W-7	$22.00
10Fr x 90cm (36in) - 3 Gram weight	NG1036W	$27.00
10Fr x 108cm (43in) - 3 Gram weight	NG1043W	$27.00
12Fr x 108cm (43in) - 3 Gram weight	NG1243W	$27.00





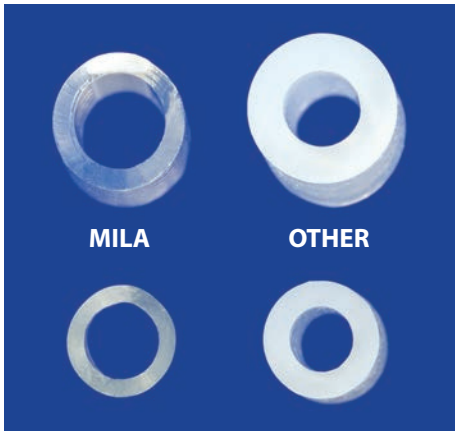
Esophagostomy Feeding Tubes - Polyurethane

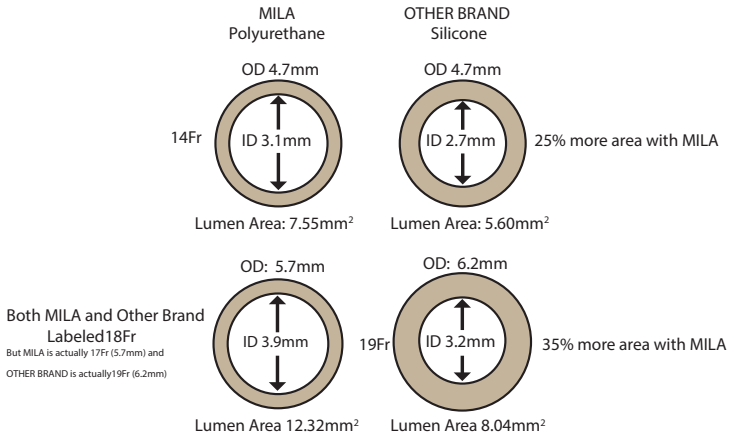
NEW INFO

- **Place using MILA tunneler (ETUN14 or ETUN18), see page 33, or place in the usual manner.**
- Tapered open end with multiple side holes.
- Clear, non-irritating polyurethane material, that resists kinking.
- Secure Y-adapter for feeding, medication and flushing.
- **Length adjustable after** placement by cutting the proximal end and replacing Y-adapter.
- Suture wing included (#2580/#2590).
- Radiopaque stripe with depth markings.

DESCRIPTION	ITEM #	PRICE
10Fr length adjustable up to 75cm (30in) - Use with #ETUN14 for placement.	E1030	$23.50
14Fr length adjustable up to 33cm(13in)	E1413	$23.50
14Fr length adjustable up to 75cm (30in) - Order 75cm or 125cm length for use with MILA Tunneler	E1430	$23.50
14Fr length adjustable up to 125cm (50in), includes stiffening stylet	E1450	$25.50
18Fr length adjustable up to 75cm (30in) - Order 75cm or 125cm length for use with MILA Tunneler	E1830	$25.50
Y-Replacement Kit	E-Y	$9.00
14Fr Suture Wing - 10 pack	2580	$18.00
18Fr Suture Wing - 10 pack	2590	$18.00

The MILA polyurethane esophagostomy catheter achieves much greater inner diameters with thinner walls, compared to silicone esophagostomy catheters. This results in greater flow rates through a smaller catheter.





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. This technique allows the distal tip of the catheter to be manually passed through the mouth into the esophagus. The proximal end of the tube is pulled through the neck with the tunneler. Trim length and replace hub.

Designed to be used with Esophagostomy tubes (ITEM #E1030, E1430, E1450, E1830). All stainless steel construction which can be reprocessed and reused.

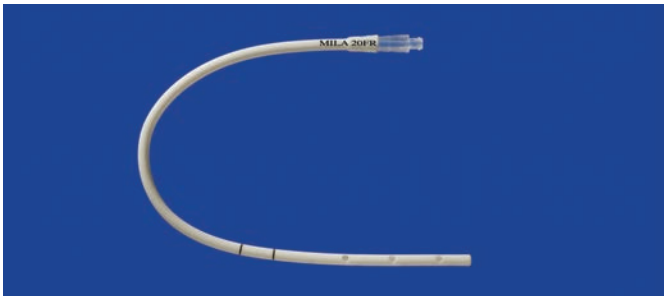
DESCRIPTION	ITEM #	PRICE
14Fr Esophagostomy Tube Tunneler	ETUN14	$75.00
18Fr Esophagostomy Tube Tunneler	ETUN18	$75.00

See MILA website for link to YouTube video.

Esophagostomy Feeding Tubes–Silicone

- Radiopaque, silicone material.
- Open end with multiple side holes.
- Female luer lock adapter with tethered cap.

DESCRIPTION	ITEM #	PRICE
12Fr x 38cm (15in) with 5cm of sideholes	SE1215	$24.00
14Fr x 38cm (15in) with 7cm of sideholes	SE1415	$24.00
20Fr x 38cm (15in) with 10cm of sideholes	SE2015	$24.00
20Fr x 55cm (22in) with 10cm of sideholes	SE2022	$24.00
30Fr x 55cm (22in) with 12cm of sideholes	SE3022	$24.00



NEW

Cat Model

Use to demonstrate the placement of esophagostomy tubes with the MILA Tunneler.

ITEM # CatModel $99.00

NEW

Percutaneous Balloon Catheter Kit for Cystostomy and Gastrotomy

- Introduction uses Seldinger wire, followed by peel away sheath.
- **Open ended** silicone catheter with 20cc balloon, depth markings, and radiopaque stripe.
- 20Fr x 25cm (10in) catheter with Y-port and fixation ring.
- **Short catheter tip** design reduces gastric mucosa irritation.
- Large funnel Y-port with locking caps.
- Adjustable fixation ring prevents catheter migration.
- Kit includes catheter, catheter-over-needle introducers, guidewire, peel-away sheath with dilator, 12Fr dilator, scalpel, drape, gauze, suture, and syringe.

ITEM #PBC20 $85.00

Esophageal Balloon Dilation Feeding Tube

Use this one-stage esophageal balloon dilation 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.

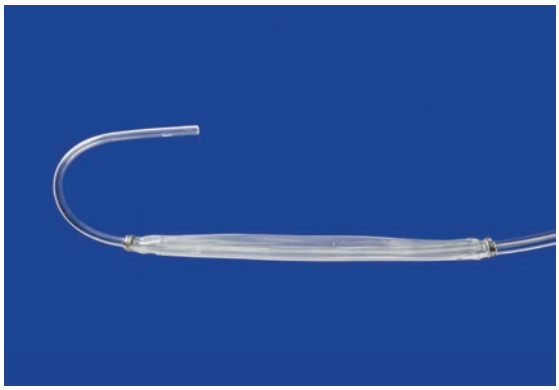
DESIGN: The BE-tube has a double balloon surrounding the tube. A compliant outer balloon covers a non-compliant inner balloon for optimal, low profile, long term, routine at home dilation of strictures.

- BE-tube is clear, non-irritating polyurethane ideal for long term use.
- Lateral ports minimize catheter occlusion.
- Radiopaque line for x-ray visualization aids exact placement.
- Latex free.
- **Accessory kit** contains two Hydrophilic Nitinol wires with steerable tip - .035 x 80cm and .035 x 150cm, a Centesis Valve (#175450), and a stopcock (#2405).
- **Items needed for placement** and operation of the BE-tube are the accessory kit (#BE-ACC), peel away introducer, and inflation device (#BE-BIG60).

DESCRIPTION	ITEM #	#PRICE
10Fr x 75cm (30in) Feeding Tube with a balloon 10mm diameter x 12cm length - Order with BE14PAI	BE1012	$650.00
14Fr x 75cm (30in) Feeding Tube with a balloon 15mm diameter x 15cm length - Order with BE14PAI	BE1415	$650.00
14Fr x 75cm (30in) Feeding Tube with a balloon 20mm diameter x 20cm length - Order with BE14PAI	BE1420	$650.00
18Fr x 75cm (30in) Feeding Tube with a balloon 25mm diameter x 25cm length - Order with BE18PAI	BE1825	$650.00
18Fr x 75cm (30in) Feeding Tube with a balloon 30mm diameter x 30cm length - Order with BE18PAI	BE1830	$650.00

Peel Away Introducer	**Required, Select One**		
10Fr and 14Fr Tube use 24Fr x 13cm Sheath		BE14PAI	$53.00
18Fr Tube use 26Fr x 13cm Sheath		BE18PAI	$53.00
Accessory Kit - Wires, Centesis Valve, Stopcock	**Required**	BE-ACC	$70.00
Inflation Device	**Required and Reuseable**		
60cc Inflation Device		BE-BIG60	$90.00

USE: 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.



See MILA website for link to YouTube video.
See 2018 publication: http://www.milainternational.com/media/wysiwyg/BE_Tube_Publication_2018.pdf

STIMPOD 450

- Universal handheld system designed to provide functionality for nerve location, with add-on cables for nerve mapping and neuromuscular blocking agent monitoring (NMBA). *All cables sold separately.*
- Ability to vary frequency/pitch, pulse width, and current.
- Visual and audible feedback is given when the target current and pulse width ranges are reached indicating probable nerve proximity.
- Displays real time graphical representation of the actual waveform delivered. Pause mode allows changing stimulus parameters without stimulating.
- Non-linear current adjustment. User can pre-program 20 different current and pulse width settings.
- Items needed for basic nerve stimulation are #NB-STIM, #NBMP, and #NBCC.

Add-on Cables:

- Nerve Mapping Probe (#NBMP) enables nerve location and transcutaneous nerve mapping at higher currents (to a maximum of 20mA), while the tip offers a contact surface small enough to ensure effective discrimination.
- Tri-axial accelerometer (#NBCA), which 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.

DESCRIPTION	ITEM #	PRICE
Stimpod NMS450 Stimulator with Carry Case	NB-STIM	$875.00
Nerve Location and Mapping Probe Cable	NBMP	$75.00
NMBA Cable with Accelerometer	NBCA	$200.00
Crocodile Clip for non-adhesive ground	NBCC	$6.00

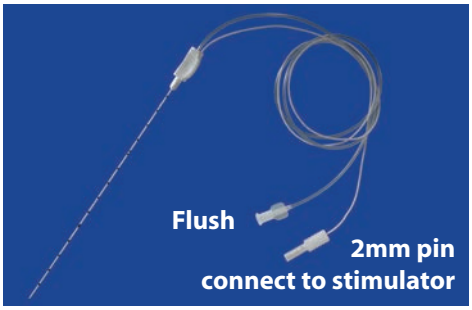
Stimulating Needles

Stimulating 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.**
- 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 depth placement.

DESCRIPTION	ITEM #	PRICE
22Ga x 5cm (2in)	NB2205	$10.25
21Ga x 8cm (3.1in)	NB2108	$10.50
21Ga x 10cm (4in)	NB2110	$10.70

See MILA website for training course information.

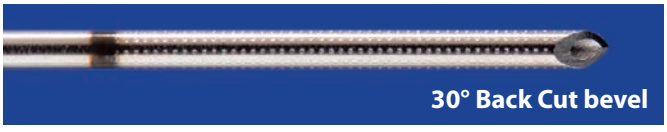


Nerve Block Needles

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

See page 55 for complete details.

DESCRIPTION	ITEM #	PRICE
21Ga x 8cm (3.125in)	E2103	$10.00
21Ga x 10cm (4in)	E2104	$10.00



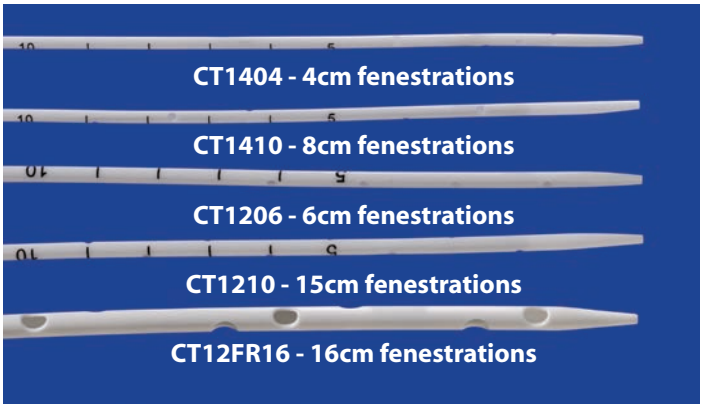
Guidewire Inserted Chest Tube Procedure Kit

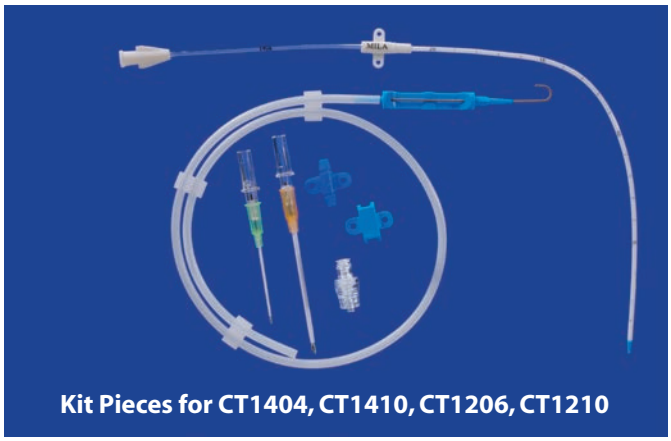
- **Place using local and sedation.**
- Single lumen radiopaque polyurethane catheter with multiple fenestrations.
- Use for pyothorax, hemothorax, pneumothorax, emergency peritoneal lavage and pericardial drain.
- Insertion using the Seldinger catheter-over-guidewire technique.
- Normally closed bi-directional valve with luer adapters prevents air from entering chest.
- Additional suture wing for secure adjustment and attachment.
- **NEW larger 12 French** size with pre-loaded stiffening stylet and skin dilator in the kit.
- Multiple drainage holes.
  14Ga fenestrated up to 4cm or 8cm mark.
  12Ga fenestrated up to 6cm or 15cm mark.
  12Fr fenestrated up to 16cm mark.
- Kit includes introducers, guidewire, dilator, catheter, suture wings, and neutral displacement valve.

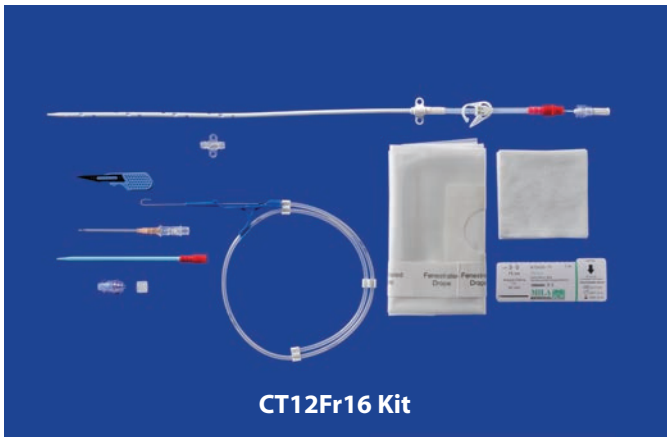
DESCRIPTION	ITEM #	PRICE
14Ga x 20cm (8in) Fenestrated up to 4cm	CT1404	$31.00
14Ga x 20cm (8in) Fenestrated up to 8cm	CT1410	$31.00
12Ga x 20cm (8in) Fenestrated up to 6cm	CT1206	$32.00
12Ga x 30cm (12in) Fenestrated up to 15cm	CT1210	$32.00
12Fr x 30cm (12in) Fenestrated up to 16cm	CT12Fr16	$42.00

See MILA website for link to YouTube video.

Photos courtesy of Mike Ethier DVM, DVSc, DACVECC




Kit Pieces for CT1404, CT1410, CT1206, CT1210


CT12Fr16 Kit

CT12Fr Stiffening Stylet

Chest Tube Suction Bulb with Luer

- Continuous gentle suction.
- Luer lock adapter for secure attachment to MILA Guidewire Chest Tube.
- Add barbed adapter (Item #2350) for flared chest tube.
- Volume marking provides easy measurement.
- Non-reflux valve.

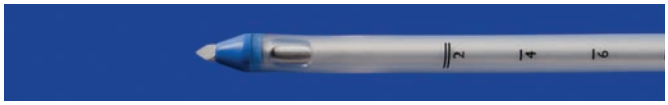
DESCRIPTION	ITEM #	PRICE
100cc suction bulb	CG100	$18.00
150cc suction bulb	CG150	$18.00
200cc suction bulb	CG200	$18.00
400cc suction bulb	CG400	$22.00
Female luer lock adapter accepts 20-40Fr tube Each individually packed and sterile	2350	$20.00 **(10 pack)**

Chest Tube with Sharp Trocar and Adapters (Blunt trocar on page 45.)

- **Sizes 10, 12, and 14 include clamp** and barbed adapter.
- **Sizes 16, 20, 24, 28, and 32 include clamp**, barbed adapter, 36 inches (90cm) of sterile bubble tubing.
- Open-end with two large side holes.
- Depth marks.
- PVC material.

DESCRIPTION	ITEM #	PRICE
10Fr x 19cm (7.5in)	CTT10S	$15.00
12Fr x 19cm (7.5in)	CTT12S	$15.00
14Fr x 19cm (7.5in)	CTT14S	$15.00
16Fr x 21cm (8in)	CTT16	$15.00
20Fr x 34cm (13.5in)	CTT20	$15.00
24Fr x 34cm (13.5in)	CTT24	$15.00
28Fr x 34cm (13.5in)	CTT28	$15.00
32Fr x 34cm (13.5in)	CTT32	$15.00

CTT10S, CTT12S, CTT14S

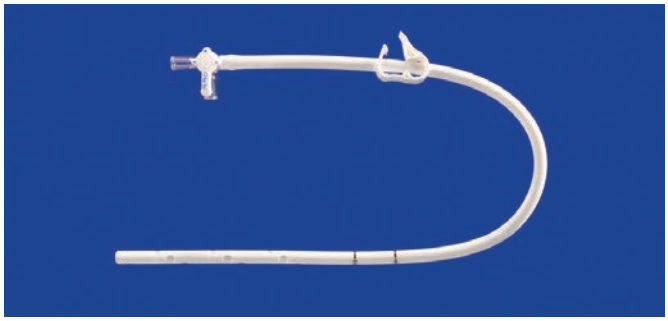


Kit pieces for CTT16 up to CTT32

Silicone Chest Tubes

- Very kink resistant.
- Radiopaque single lumen open-end with multiple side holes.
- Use for drainage of air or fluid.
- Surgically place or use Kelly clamp.
- Includes clamp, barbed adapter, or stopcock.

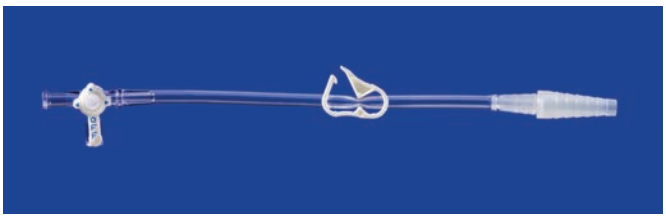
DESCRIPTION	ITEM #	PRICE
12Fr x 38cm (15in) with 5cm of sideholes	CT1215	$24.00
14Fr x 38cm (15in) with 7cm of sideholes	CT1415	$24.00
20Fr x 38cm (15in) with 10cm of sideholes	CT2015	$24.00
20Fr x 55cm (22in) with 10cm of sideholes	CT2022	$24.00
30Fr x 55cm (22in) with 12cm of sideholes	CT3022	$24.00



Chest Tube Adapter with Stopcock

- The **leak proof** adapter is assembled to include a three-way stopcock, clamp and barbed adapter for 18-34Fr tubes.
- Fits most flare end chest tubes.
- Can be used with a variety of patient tubes such as drains and nasogastric.

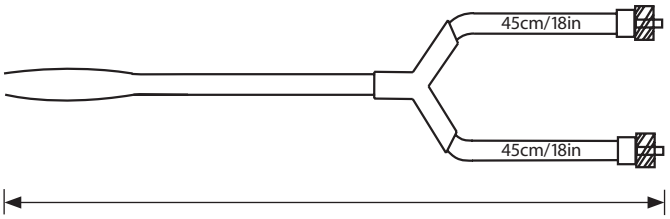
DESCRIPTION	ITEM #	PRICE
16Fr x 17cm (7in)	175420	$10.00
20Fr x 25cm (10in)	175425	$10.00



Suction Connector for Bilateral Chest Tubes

IMPROVED - Longer length. This set connects bilateral chest tubes to a single vacuum source. Luers allow easy disconnect and reconnect. Bubble tubing can be cut to accommodate various underwater seal sets. Works well with Items #175420 and #175425 (Chest Tube Adapter with Stopcock.)

DESCRIPTION	ITEM #	PRICE
20Fr Suction Set	175800	$14.00



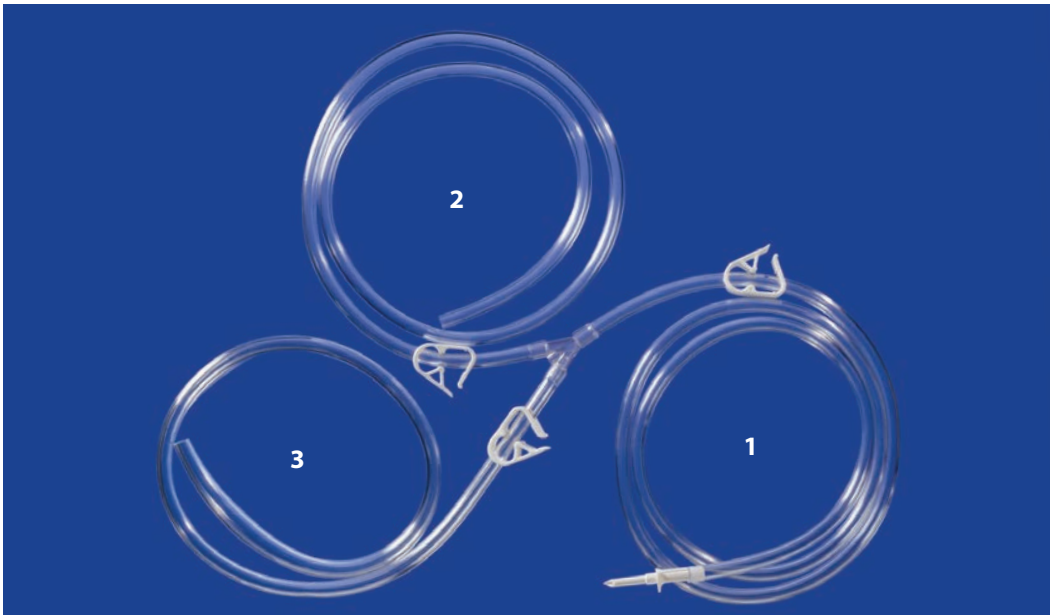
Total length = 55 inches (137.5cm)

NEW

Flushing Wye Set for Large Chest Tubes

Flush large chest tubes with this large bore (6.35 ID) wye set.

ITEM #CTF6	$11.00



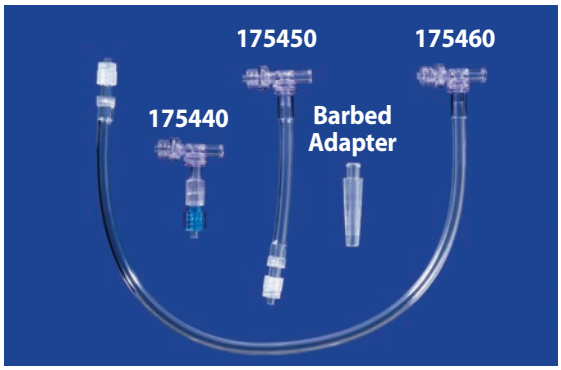
Arm 1 - 152cm (60in) with spike and clamp
Arm 2 - to patient tube, 90cm (36in) with clamp
Arm 3 - to drain bucket, 122cm (48in) with clamp

Centesis Adapter – Automatic 3-Way

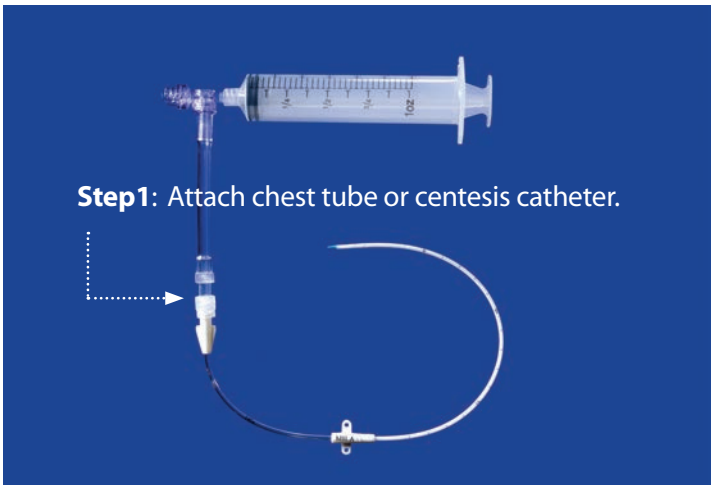
NEW Drainage Bag Added

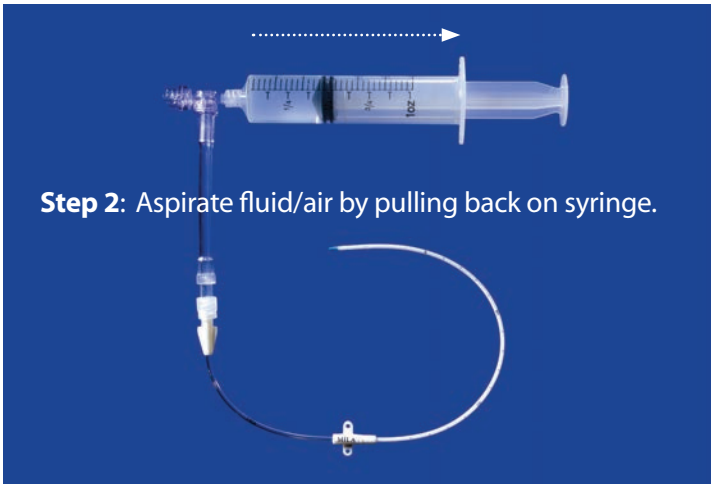
- **NEW COLLECTION BAG** - 1000ml, 15in drain line with luer lock, anti-reflux valve and fluid drain port.
- Unique valve allows aspiration and evacuation without disconnecting the syringe, and without turning a stopcock. SAVES TIME AND AVOIDS MISTAKES.
- Use as a chest tube adapter.
- Use for chest tap, belly tap, or anytime you want to remove air or fluid.
- Includes a barbed adapter to fit 18-34Fr flared tubes.

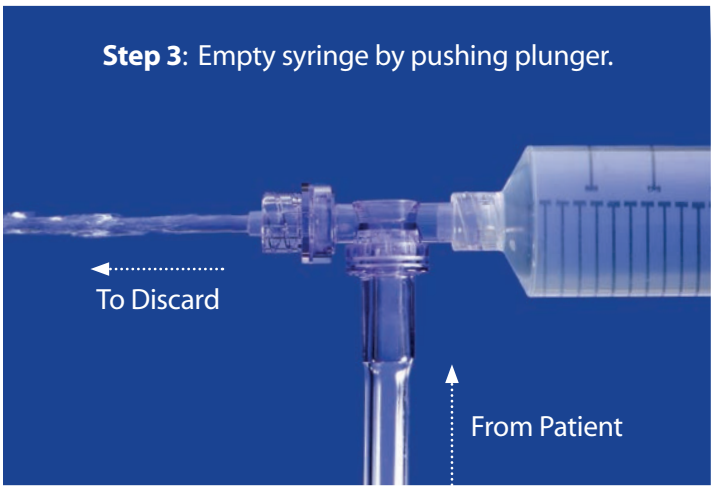
DESCRIPTION	ITEM #	PRICE
Centesis Adapter with Spin Luer Lock - No Tube	175440	$10.00
Centesis Adapter with total Length 12.5cm (5in)	175450	$10.00
Centesis Adapter with total Length 40cm (16in)	175460	$10.00
Without Collection Bag:		
Centesis Adapter with Spin Luer Lock	175440NB	$10.00
Centesis Adapter with total Length 12.5cm	175450NB	$10.00
Centesis Adapter with total Length 40cm	175460NB	$10.00



See MILA website for link to YouTube video.



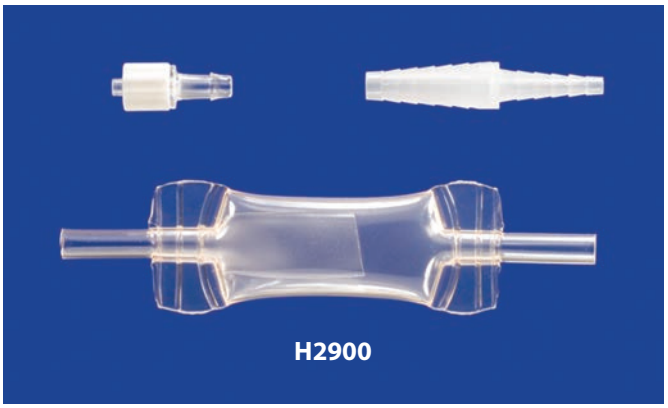




Heimlich Valve

- One way valve.
- #H2900 is pillow style with male luer lock adapter and christmas tree adapter. Total pillow length is 12cm (5 inches).
- #H5300 is a semi-rigid cylinder style with christmas tree adapters. Total cylinder length is 16cm (6.5 inches).

DESCRIPTION	ITEM #	PRICE
Pillow style, 5 inches long, 12-30Fr tubes	H2900	$8.00
Semi-rigid cylinder to fit 20-40Fr tubes	H5300	$11.25



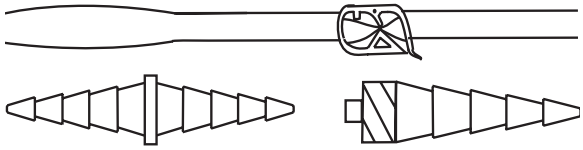
H2900

H5300

Chest Tube Adapter for Suction Systems

Securely connect female luer lock or funnel style chest tubes to suction systems from other manufacturers, eg., Pleuravac and Thoraseal. Each set contains a christmas tree adapter, bubble tubing that can be trimmed to fit the suction device, and a clamp.

DESCRIPTION	ITEM #	PRICE
Dual Christmas Tree Adapter	175300	$7.00
Male Luer Lock Christmas Tree	175380	$7.00



175300 175380

Chest Tube Suction Bulb with Luer

- Continuous gentle suction.
- Luer lock adapter for secure attachment to MILA Guidewire Chest Tube.
- Add barbed adapter (Item #2350) for flared chest tube.
- Volume marking provides easy measurement.
- Non-reflux valve.

DESCRIPTION	ITEM #	PRICE
100cc suction bulb	CG100	$18.00
150cc suction bulb	CG150	$18.00
200cc suction bulb	CG200	$18.00
400cc suction bulb	CG400	$22.00

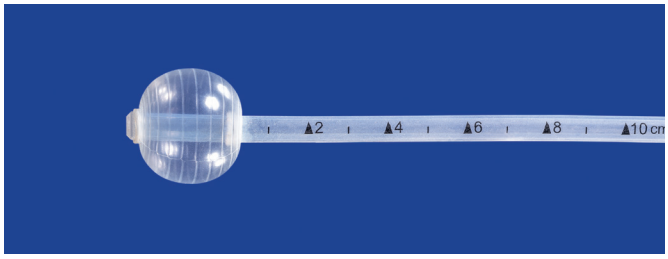
NEW

Fecal Management System

The Fecal Management System is a 20Fr or 24Fr soft silicone catheter inserted into the rectum for collection of liquid stool. It is retained by an inflated low pressure balloon. The proximal end of the tube attaches to a large bore collection bag.

- For small, medium and large size dogs.
- For temporary collection of liquid stool.
- Measures liquid output.
- Reduces infection risk to other animals and humans.
- Greatly reduces clean up time.
- Retains the odor.

DESCRIPTION	ITEM #	PRICE
20Fr catheter with 3 collection bags	FM2000	$60.00
24Fr catheter with 3 collection bags	FM2400	$60.00
Replacement Bag	FMRB	$15.00



NEW

Percutaneous Peritoneal Drain Kit (Peritoneal Dialysis)

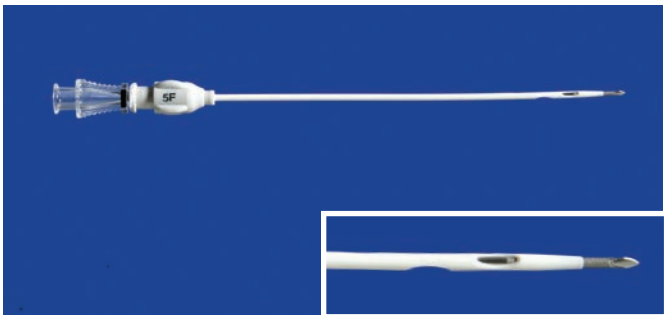
- **Recommended to stock both sizes on every Emergency Cart.**
- Use for Peritoneal Dialysis and other emergency drain needs.
- Non-surgical guidewire (Seldinger) introduction.
- Soft, biocompatible polyurethane catheter.
- Radiopaque.
- Kit includes introducer, guidewire, dilator, drain catheter (stiffening stylet in 12Fr), scalpel, suture wing, collection bag with line, sutures, gauze, and drape.

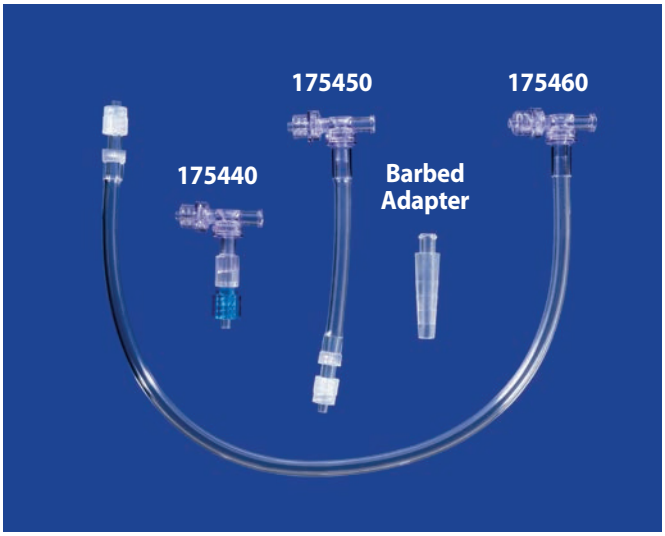
DESCRIPTION	ITEM #	PRICE
8Fr x 30cm (12in), Fenestrated up to 15cm	PPDK8Fr	$42.00
12Fr x 30cm (12in), Fenestrated up to 16cm	PPDK12Fr	$42.00

Centesis Catheters (Fenestrated)

- Catheter-over-needle style with smooth transition from needle to catheter that aids in placement.
- **Three large skived holes** for maximum drainage and reduction of clogging.
- **Echogenic needle** with bevel indicator for visibility on ultrasound.
- Clear needle hub for flashback confirmation.

DESCRIPTION	ITEM #	PRICE
4Fr (18Ga) x 7cm (2.75in)	175042	$15.00
4Fr (18Ga) x 10cm (4in)	175044	$15.00
5Fr (16Ga) x 7cm (2.75in)	175052	$15.00
5Fr (16Ga) x 10cm (4in)	175054	$15.00
5Fr (16Ga) x 15cm (6in)	175056	$15.00

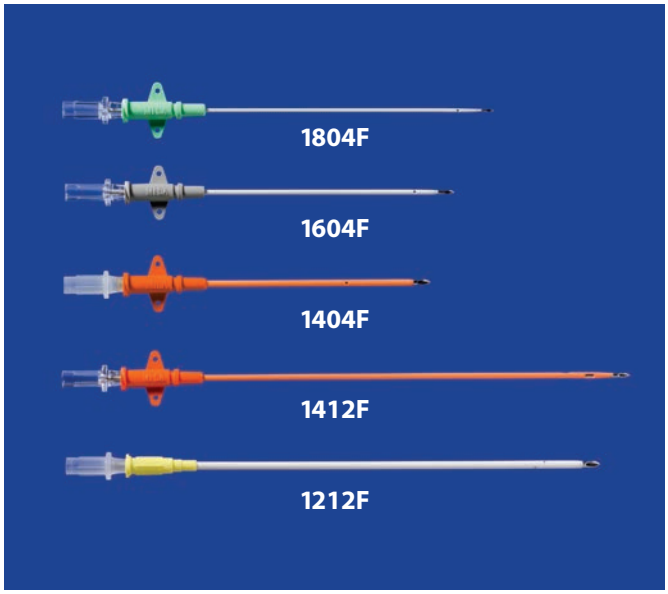




For rapid drainage, see Automatic 3-Way on page 40.

- Catheter-over-needle style with smooth transition from needle to catheter that aids in placement.
- Fenestrated with an additional 4 side holes at the distal end.
- Ideal for tapping pericardial effusion in dogs.

DESCRIPTION	ITEM #	PRICE
18Ga x 5cm (2.5in)	1802F	$10.00
18Ga x 9cm (3.5in)	1804F	$10.50
16Ga x 8cm (3in)	1604F	$10.50
14Ga x 9cm (3.5in)	1404F	$10.50
14Ga x 13cm (5.25in)	1412F	$10.50
12Ga x 13cm (5.25in)	1212F	$11.00

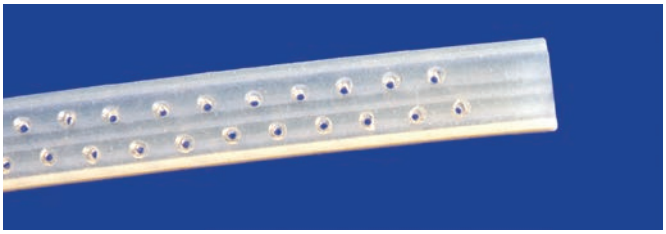


Jackson Pratt Drain with Trocar

- Silicone radiopaque drain with full perforations.
- Length of drain area = 20cm (8in), overall length 80cm (32in).
- Can trim both ends.

DESCRIPTION	ITEM #	PRICE
4.5mm with 8Fr (2.7mm) trocar	JP4	$10.00
7mm with 14Fr (4.7mm) trocar	JP7	$10.00
10mm with 14Fr (4.7mm) trocar	JP10	$10.00
13mm with 16Fr (5.3mm) trocar	JP13	$10.00

Select a suction grenade 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 = 20cm (8in), overall length 80cm (32in).
- Ideal for peritoneal dialysis.
- Can trim both ends.

DESCRIPTION	ITEM #	PRICE
8mm with 16Fr (5.3mm) trocar	BL8	$15.00
11mm with 16Fr (5.3mm) trocar	BL11	$15.00

Select a suction grenade to complete the CLOSED system.

NEW

Grenade – Continuous Suction for Drains

- Attach to all drains - Blake, Jackson Pratt, and Spiral.
- Luer lock cap for secure closure and syringe emptying (400cc has a push on cap.)
- **Closed system for fluid collection.**
- Low pressure design provides continuous gentle suction and minimizes tissue trauma.
- Volume markings provide easy measurement.
- Non-reflux valve.
- Silicone.
- Metal clip for secure attachment.

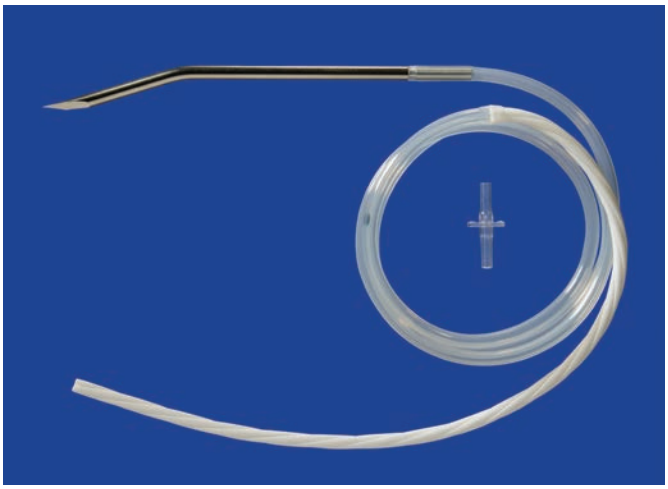
DESCRIPTION	ITEM #	PRICE
100cc suction bulb w/one-way valve	G100	$15.00
150cc suction bulb w/one-way valve	G150	$15.00
200cc suction bulb w/one-way valve	G200	$15.00
400cc suction bulb w/one-way valve	G400	$20.00

Spiral Drain with Trocar

- Silicone.
- Radiopaque round spiral fluted drain.
- Spiral design allows greater drainage area.
- Length of spiral area = 30cm (12in), overall length 90cm (36in).
- Can trim both ends.

DESCRIPTION	ITEM #	PRICE
7Fr (2.7mm) drain with trocar	SP07	$13.00
10Fr (3.7mm) drain with trocar	SP10	$13.00
12Fr (4.0mm) drain with trocar	SP12	$13.00
15Fr (5.0mm) drain with trocar	SP15	$13.00
19Fr (6.3mm) drain with trocar	SP19	$13.00

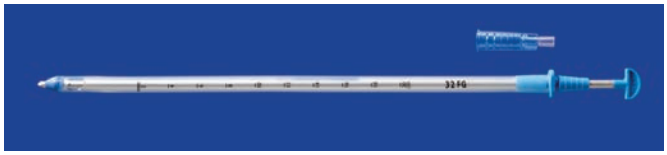
Select a suction grenade to complete the CLOSED system.

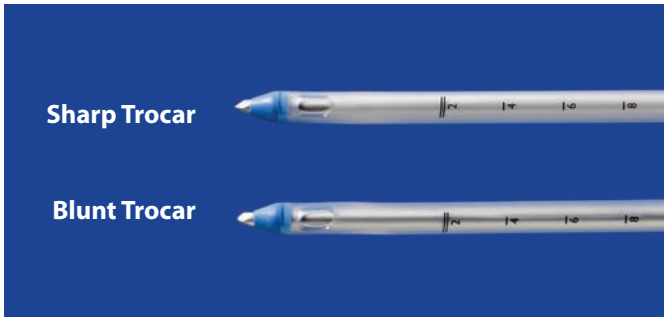


Abdominal Drain with Blunt Trocar (Sharp trocar on page 38)

- **Blunt** trocar.
- Open-end with large side holes.
- Depth marks.
- PVC material.

DESCRIPTION	ITEM #	PRICE
16Fr x 21cm (8in)	DBT16	$16.00
20Fr x 34cm (13.5in)	DBT20	$16.00
24Fr x 34cm (13.5in)	DBT24	$16.00
28Fr x 34cm (13.5in)	DBT28	$16.00
32Fr x 34cm (13.5in)	DBT32	$16.00





Sharp Trocar Chest Drains on page 38.

NEW

Grenade – Continuous Suction for Drain

- Attach to all drains - Blake, Jackson Pratt, and Spiral.
- Luer lock cap for secure closure and syringe emptying (400cc has a push on cap.)
- **Closed system** for fluid collection.
- Low pressure design provides continuous gentle suction and minimizes tissue trauma.
- Volume markings provide easy measurement.
- Non-reflux valve.
- Silicone.
- Metal clip for secure attachment.

DESCRIPTION	ITEM #	PRICE
100cc suction bulb w/one-way valve	G100	$15.00
150cc suction bulb w/one-way valve	G150	$15.00
200cc suction bulb w/one-way valve	G200	$15.00
400cc suction bulb w/one-way valve	G400	$20.00

50ml Bellows Suction System

- 50ml Mini Grenade.
- Supplied with two adapters for connection to all drain sizes.
- Fits Blake, Jackson Pratt, and Spiral Drains.
- Low pressure design provides continuous gentle suction and minimizes tissue trauma.
- Sterile, single use only.

ITEM #G050	$7.00

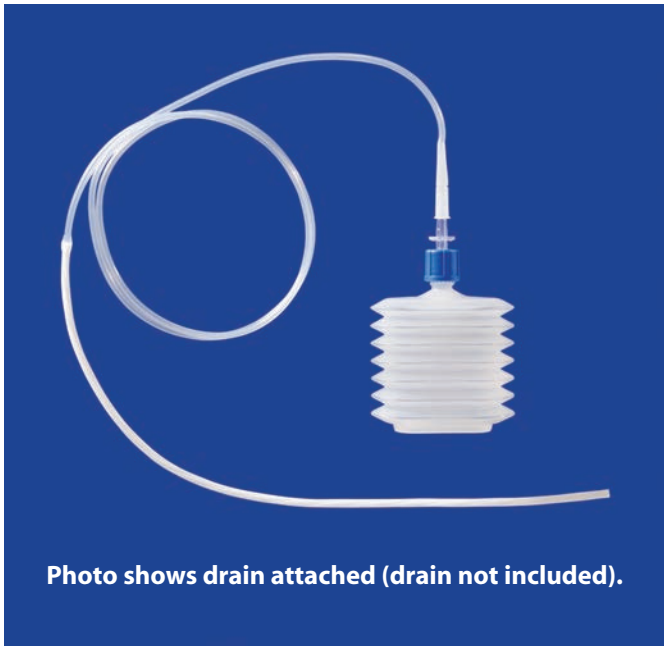


Photo shows drain attached (drain not included).

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.
- Helps keep patient warm.
- Can be used for small animal DENTAL procedures. Put animal snout through the aperture.

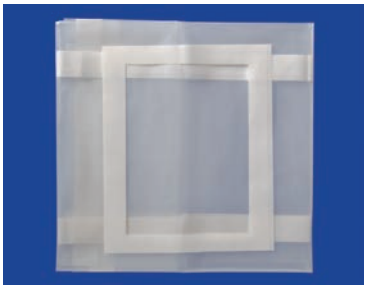
ITEM #PPD $3.90

Equine Castration Drape

Drape size 150cm (60in) x 90cm (36in) clear film with 20cm (8.25in) x 15cm (6in) adhesive fenestration and **edge strips**.

- **Edge strips** makes this drape ideal for field use, and many types of procedures.
- **Adhesive** aperture.
- Sterile, impervious translucent film.
- Provides superb translucent protection with optimal drapeability.
- Helps maintain patient temperature.

ITEM #ECD $6.00

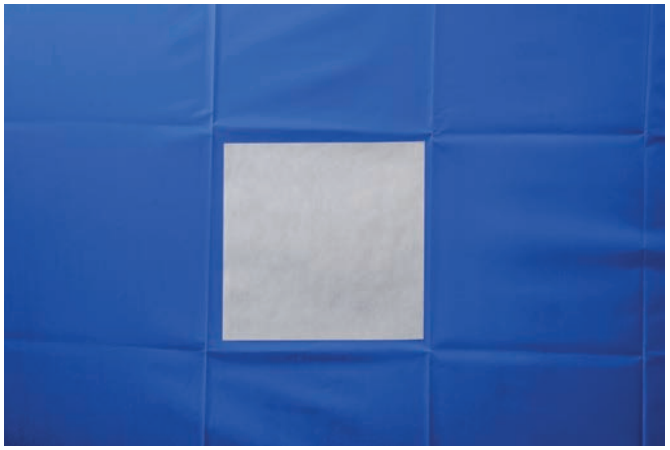


Ophthalmic Surgical Drape - Customizable

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.
- Helps keep patient warm.
- Sterile.

ITEM #OSD $3.50



Non-Cuffed

- Silicone Material - MRI Compatible
- Radiopaque
- Reuseable
- Ethylene Oxide Sterilization Recommended

Proximal fitting accepts a 15mm adapter.

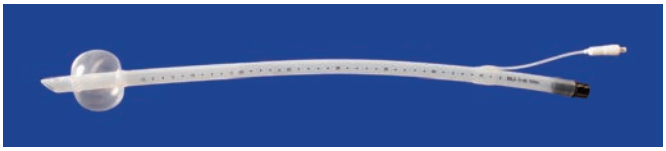
DESCRIPTION	ITEM #	PRICE
1.0mm ID x 9.5cm tube with wire stylet	ETN10	$15.00
1.5mm ID x 10cm tube with wire stylet	ETN15	$15.00

Cuffed

- Silicone Material - MRI Compatible
- Reuseable
- Ethylene Oxide Sterilization Recommended
- Low Pressure, High Volume Cuff

DESCRIPTION	ITEM #	PRICE
2mm ID, 4.0mm OD - 12Fr x 14cm (5.5in)	ETC20	$42.00
9mm ID, 12mm OD - 36Fr x 55cm (22in)	ETC955	$63.00
10mm ID, 14mm OD - 42Fr x 55cm (22in)	ETC1055	$63.00
11mm ID, 15mm OD - 45Fr x 55cm (22in)	ETC1155	$65.00

See MILA website for link to YouTube video.



NEW

Low Dead Space Endotracheal Tube Adapter

- 15mm connector with luer lock sampling side port to replace standard 15mm adapter on endotracheal tubes.
- Low dead space design decreases the mechanical dead space and subsequent CO^2 rebreathing.
- Allows for administration of medications and surfactants as well as monitoring of pressure and gas.

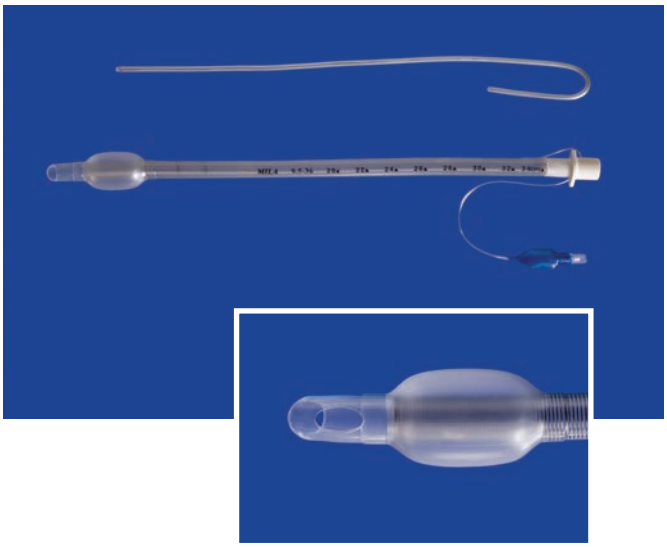
DESCRIPTION	ITEM #	PRICE
2.0mm ID - 15mm Endotracheal Adapter	ETA20	$3.75
2.5mm ID - 15mm Endotracheal Adapter	ETA25	$3.75
4.0mm ID - 15mm Endotracheal Adapter	ETA40	$3.75
5.0mm ID - 15mm Endotracheal Adapter	ETA50	$3.75
8.0mm ID - 15mm Endotracheal Adapter	ETA80	$3.75

NEW

Reinforced Endotracheal Tubes with Malleable Stylet

- Wire reinforcement incorporated into the wall of the tube provides safe, NON KINKING airway regardless of patient position.
- Constructed of medical grade, non-toxic PVC material allowing for thinner walls.
- **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.
- 15mm connector included.

DESCRIPTION	ITEM #	PRICE
2.5mm ID, 4.5mm OD - 13Fr x 19.5cm (7.6in)	ETC25R	$18.00
3.0mm ID, 5.0mm OD - 15Fr x 20.5cm (8.1in)	ETC30R	$18.00
3.5mm ID, 5.7mm OD - 17Fr x 22cm (8.7in)	ETC35R	$18.00
4mm ID, 6.1mm OD - 18Fr x 23.5cm (9.3in)	ETC40R	$18.00
4.5mm ID, 6.7mm OD - 20Fr x 24.5cm (9.6in)	ETC45R	$18.00
5mm ID, 7.4mm OD - 22Fr x 26cm (10.2in)	ETC50R	$18.00
5.5mm ID, 7.9mm OD - 24Fr x 27.5cm (10.8in)	ETC55R	$18.00
6mm ID, 8.5mm OD - 25Fr x 30cm (11.8in)	ETC60R	$18.00
6.5mm ID, 9.1mm OD - 27Fr x 31cm (12.2in)	ETC65R	$18.00
7mm ID, 9.5mm OD - 28Fr x 32cm (12.6in)	ETC70R	$18.00
7.5mm ID, 10.2mm OD - 31Fr x 36cm (14.2in)	ETC75R	$18.00
8mm ID, 11mm OD - 33Fr x 36cm (14.2in)	ETC80R	$18.00
8.5mm ID, 11.7mm OD - 35Fr x 36cm (14.2in)	ETC85R	$18.00
9mm ID, 12.3mm OD - 37Fr x 36cm (14.2in)	ETC90R	$18.00
9.5mm ID, 13mm OD - 39Fr x 36cm (14.2in)	ETC95R	$18.00
10mm ID, 13.7mm OD - 41Fr x 36cm (14.2in)	ETC100R	$18.00

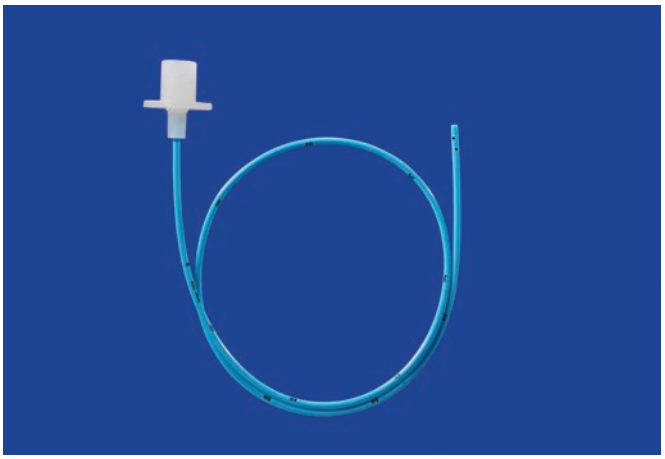


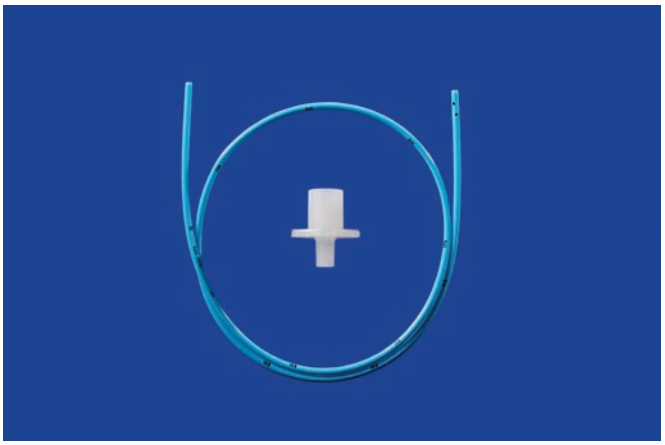
NEW

Airway/ET Tube Exchange Catheter

- Intended for uncomplicated atraumatic endotracheal tube exchange.
- 15mm adapter for oxygen delivery, NOT for ventilation.
- 15mm adapter is removed to slide ET tubes out and in.
- Centimeter markings for alignment with endotracheal tube markings.
- Polished atraumatic, open ended catheter with side holes.

DESCRIPTION	ITEM #	PRICE
8Fr x 80cm (32in)	ETE0880	$28.00
10Fr x 80cm (32in)	ETE1080	$28.00
10Fr x 150cm (60in)	ETE10150	$28.00
15Fr x 80cm (32in)	ETE1580	$28.00



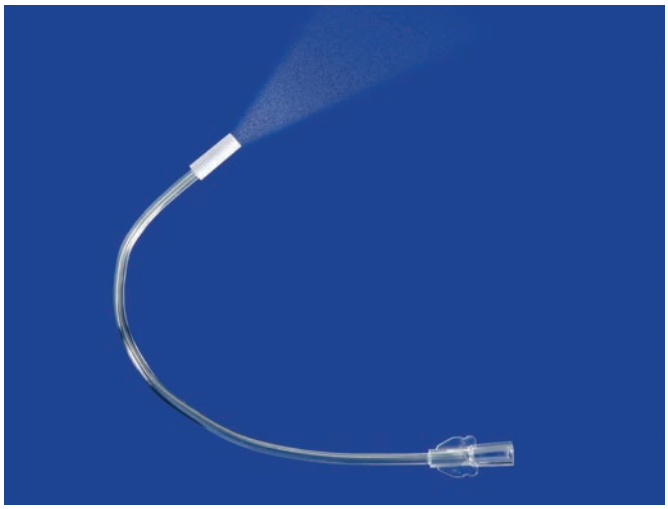


Atomizer / Throat Sprayer

Deliver topical anesthetic to the nose, throat, hypo pharynx, vocal cords, larynx, and trachea prior to airway manipulation such as intubation, endoscopy, rhinoscopy, and soft palate exam. The benefit is a reduced gag and sensation, reducing pulse, and blood pressure response to intubation.

- Atomize medication into a fine mist of particles 50-80 microns.
- 15Fr (4.7mm) tip x 6.5 inch (15cm) malleable, conformable tube for targeted deposition of medication.
- 5cc syringe is recommended for accurate dosing and proper pressure.
- Priming volume is 0.2ml.
- Use a 3ml syringe for a minimum forecast distance of 100mm upon exiting the sprayer tip, under 25Kpa pressure, to form an area of diameter of no less than 70mm.

ITEM #5380	$4.75



"The device makes endoscopy work within the nasal cavity, soft palate, larynx and pharnyx much easier by distributing a fine mist of lidocaine or lidocaine/phenylephrine."

"We also use the device to distribute same mixture in hard to reach surgical areas such as otic canals, wound flaps, urogenital tracts, and to atomize topical local anesthetics and hemostatic agents to bleeding tumors and derm biopsy sites."

Andrea Looney, DVM, DACVAA, DACVSMR
Anesthesia Services, IVG Hospitals, Woburn, MA

Cuffed

- Low Pressure Cuff
- Strap

DESCRIPTION	ITEM #	PRICE
3.5mm ID x 4.8mm OD - Length 40mm	TTC35	$27.00
4mm ID x 5.4mm OD - Length 41mm	TTC40	$27.00
4.5mm ID x 6.1mm OD - Length 42mm	TTC45	$27.00
5mm ID x 6.7mm OD - Length 44mm	TTC50	$27.00
5.5mm ID x 7.4mm OD - Length 46mm	TTC55	$27.00

Cuffed

- Obturator
- Low Pressure Cuff
- Strap

DESCRIPTION	ITEM #	PRICE
6mm ID x 8mm OD - Length 50.5mm	TTC60	$27.00
6.5mm ID x 8.7mm OD - Length 55.5mm	TTC65	$27.00
7mm ID x 9.4mm OD - Length 64.5mm	TTC70	$27.00
7.5mm ID x 10.1mm OD - Length 70.5mm	TTC75	$27.00
8mm ID x 10.8mm OD - Length 74.5mm	TTC80	$27.00
8.5mm ID x 11.5mm OD - Length 77.5mm	TTC85	$27.00
9mm ID x 12.2mm OD - Length 84.5mm	TTC90	$27.00
9.5mm ID x 12.9mm OD - Length 90.5mm	TTC95	$27.00
10mm ID x 13.6mm OD - Length 90.5mm	TTC100	$27.00

Cuffed with Obturator, and Inner Cannula

- Obturator.
- TWO Inner Cannulas with 15mm Connector - Can be switched out for cleaning, and therefore safer practice.
- Cap, Brush, and Strap.

DESCRIPTION	ITEM #	PRICE
5mm ID x 8.6mm OD - Length 66mm	TTCIC50	$27.00
Replacement Cannula - 5mm ID - with 15mm connector	IC50	$9.00
6mm ID x 9.2mm OD - Length 71mm	TTCIC60	$27.00
Replacement Cannula - 6mm ID - with 15mm connector	IC60	$9.00
7mm ID x 10.4mm OD - Length 73mm	TTCIC70	$27.00
Replacement Cannula - 7mm ID - with 15mm connector	IC70	$9.00
8mm ID x 11.4mm OD - Length 76mm	TTCIC80	$27.00
Replacement Cannula - 8mm ID - with 15mm connector	IC80	$9.00

For Non-Cuffed with inner cannula, leave cuff deflated.

Non-Cuffed with 15mm Spinning Connector

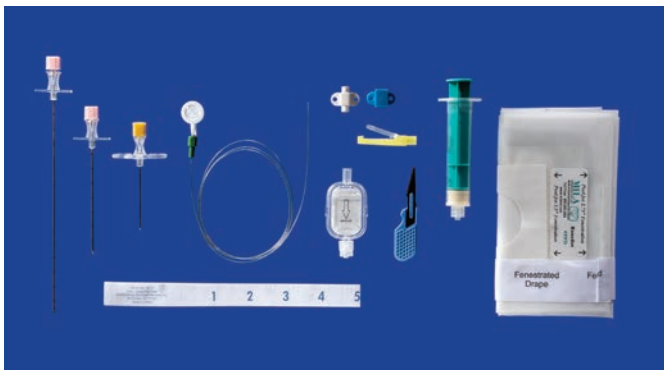
DESCRIPTION	ITEM #	PRICE
2.5mm ID x 3.4mm OD - Length 38mm	TTNC25	$27.00
3mm ID x 4.1mm OD - Length 39mm	TTNC30	$27.00
3.5mm ID x 4.8mm OD - Length 40mm	TTNC35	$27.00
4mm ID x 5.4mm OD - Length 41mm	TTNC40	$27.00
4.5mm ID x 6.1mm OD - Length 42mm	TTNC45	$27.00
5mm ID x 6.7mm OD - Length 44mm	TTNC50	$27.00
5.5mm ID x 7.4mm OD - Length 46mm	TTNC55	$27.00

Epidural Pain Management Kit

- Epidural catheter with wire stylet.
- 20Ga is 90cm/36in, 24Ga is 25cm/10in.
- Closed end with side holes.
- Cut to desired length - catheter will not crush.
- Kit includes catheter with wire stylet, tuohy introducer needle, loss of resistance syringe, 0.2 micron bacteria filter, luer lock catheter clamp, suture wing, blade, drape, and tape measure.

DESCRIPTION	ITEM #	PRICE
24Ga catheter - 20Ga x 4.5cm (1.75in) tuohy needle	9243	$39.00
20Ga catheter - 18Ga x 7.5cm (3in) tuohy needle	9203	$39.00
20Ga catheter - 18Ga x15cm (6in) tuohy needle	9206	$39.00

See MILA website for link to YouTube video.



Stimpod 450

Universal handheld system designed to provide functionality for nerve location, with add-on cables for nerve mapping and neuromuscular blocking agent monitoring.

See page 35 for details.

Diffusion Catheter/Soft Tissue Incision Catheter

- 16Ga x 30cm (12in) radiopaque polyurethane catheter with micro ports in the distal end to evenly disperse fluid over 2 inches, 4 inches, 6 inches, 7.5 inches or 9 inches.
- For delivery of pain medication or antibiotics directly to a surgical incision.
- Surgically place in the deepest layer of closure, or by using a 5Fr (#4205 or 4205.5) peel away introducer for wounds.
- Use with MILA administration pump (see page 52), a syringe, or IV pump for continuous infusion.

DESCRIPTION	ITEM #	PRICE
2in (5cm) Dispersion Area Catheter length = 11cm (4.5in)	DIFF2	$21.00
4in (10cm) Dispersion Area	DIFF4	$21.00
6in (15cm) Dispersion Area	DIFF6	$21.00
7.5in (18cm) Dispersion Area	DIFF7	$21.00
9in (22.5cm) Dispersion Area	DIFF9	$21.00
.2 Micron Filter (10 pack) Individually packed / sterile	2420	$47.00

See MILA website for sample protocols and dosages by Emily McCobb DVM MS DACVA.

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

Opioid free soft tissue pain management.

Closed Medication System

Simple and Economical. The MILA CHEMO Safety System is designed to fully protect veterinary healthcare personnel from exposure to hazardous drugs. The systems allow for safe handling of hazardous injectable drugs while optimizing safety, simplicity and the cost of care. The use of a closed system transfer device in conjunction with other safety precautions is a proven way to increase safety levels when preparing, transporting, administering, and disposing of hazardous drugs.

Closed Male Luer Valve

- Needle free luer locks to any luer syringe to control exposure during drug transport.
- Drip free disconnection.
- Passive safety system that locks and closes the fluid path upon disconnection.
- Simple **permanent** locking feature prevents disconnection and reduces exposure.
- 0.06ml priming volume.
- Single Use.
- Item #12-007, $3.25 each

Closed Female Luer Valve

- Needle free female luer connects onto any needle or catheter. Designed to reduce exposure after drug infusion.
- Drip free disconnection.
- 0.06ml priming volume.
- Single Use.
- Item #12-004, $1.75 each

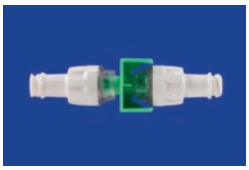
Infusion Access Device Spike with Closed Female Luer

- 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, $3.50 each

Accessories

EZ Fill - Syringe to Syringe Transfer Device

Item #12-006, $5.00 each



Closed Valve Three-Way Stopcock

Item #12-055, $6.25 each

Administration Sets

- Universal spike, 224cm (88in) tubing, roller clamp, slide clamp, one injection site located **11 inches** above distal end, spin connector.
  Priming volume = 25.6ml, 10 drops/ml.
  Item #175250, $3.50 each
- Universal spike, 261cm (103in) tubing, roller clamp, slide clamp, **two injection sites located 9 inches and 87 inches** above distal end, spin connector.
  Priming volume = 28ml,10 drops/ml.
  Item #175255, $4.00 each

Closed Vial Access Adapter

- **100% protection** against aerosols and vapors.
- Drip free.
- **Mechanically and microbiologically closed** with no coring needles.
- Expandable chamber with barrier film captures aerosols and vapors without compromising sterility.
- No need to prime valve with non-filtered air.
- Multi-use, vapor free with drip free connector.
- Vented, with dual pathway non-coring plastic spike and pressure equalization with 0.2 micron one way filter.
- Universal design that supports virtually all vial sizes and types: 13 and 20mm.
- 0.10ml priming volume.
- 13mm = Item #12-009, $4.75 each and
  20mm = Item #12-010, $4.50 each
  (about $.24 per use)

Vented Vial Access Adapter

- **99.99% protection** against aerosols and vapors.
- Drip free.
- Low residual.
- Multi-use with drip free connector.
- Vented, with dual pathway non-coring plastic spike and pressure equalization with 0.2 micron one way filter.
- Universal design that supports virtually all vial sizes and types: 13, 20, and 28mm.
- 0.10ml priming volume.
- 13mm = Item #12-036, $3.25 each
  20mm = Item #12-038, $3.00 each
  28mm = Item #12-040, $4.00 each

NEW

Closed Vial Access Adapter – 13mm

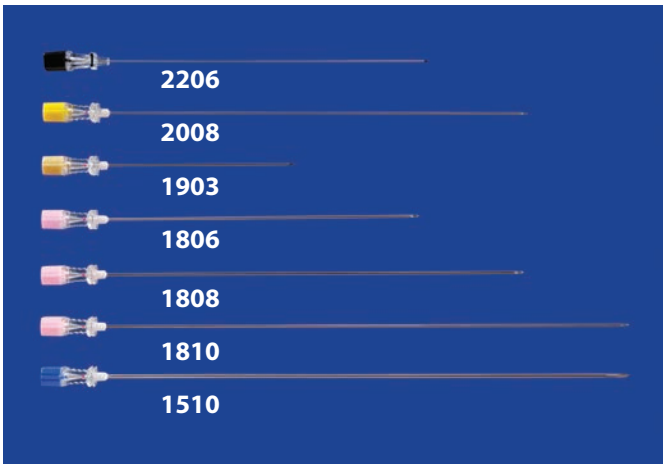
- 13mm
- Low residual.
- Item #12-100 $4.75

DESCRIPTION	ITEM #	PRICE
Closed Male Luer Valve	12-007	$3.25
Closed Female Luer Valve	12-004	$1.75
13mm Closed Vial Access Adapter	12-009	$4.75
20mm Closed Vial Access Adapter	12-010	$4.50
13mm Vented Vial Access Adapter	12-036	$3.25
20mm Vented Vial Access Adapter	12-038	$3.00
28mm Vented Vial Access Adapter	12-040	$4.00
EZ Fill - Syringe to Syringe Transfer Device	12-006	$5.00
Infusion Access Device Spike	12-008	$3.50
Closed Valve Three-Way Stopcock	12-055	$6.25
13mm Closed Vial Adapter - Low Residual	12-100	$4.75
IV Administration Set with One Injection Site	175250	$3.50
IV Administration Set with Two Injection Sites	175255	$4.00

Spinal Needles

Spinal needles with marked and notched hub for easy tip orientation.

DESCRIPTION	ITEM #	PRICE
22Ga x 15cm (6in)	2206	$9.00
20Ga x 20cm (8in)	2008	$10.00
19Ga x 8.75cm (3.5in)	1903	$3.00
18Ga x 15cm (6in)	1806	$8.00
18Ga x 20cm (8in)	1808	$10.00
18Ga x 25cm (10in)	1810	$11.00
15Ga x 25cm (10in)	1510	$14.00



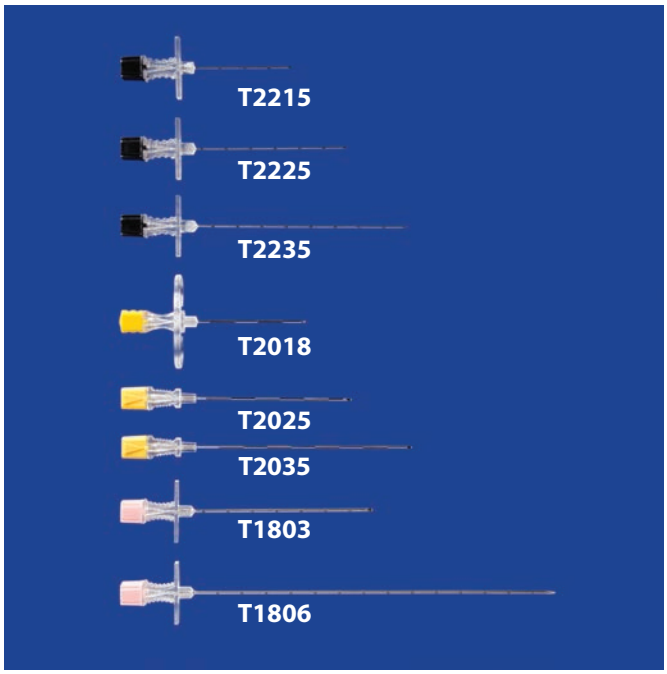
Echogenic Stimulating Needles for use with nerve stimulator on page 35.

DESCRIPTION	ITEM #	PRICE
22Ga x 5cm (2in)	NB2205	$10.25
21Ga x 8cm (3.1in)	NB2108	$10.50
21Ga x 10cm (4in)	NB2110	$10.70

Tuohy Needles

Tuohy needles with marked and notched hub for easy tip orientation.

DESCRIPTION	ITEM #	PRICE
22Ga x 4cm (1.5in)	T2215	$7.00
22Ga x 6.25cm (2.5in)	T2225	$7.00
22Ga x 8.75cm (3.5in)	T2235	$7.00
20Ga x 4.75cm (1.75in)	T2018	$7.00
20Ga x 6.25cm (2.5in)	T2025	$7.00
20Ga x 8.75cm (3.5in)	T2035	$7.00
18Ga x 8.75cm (3.5in)	T1803	$10.00
18Ga x 15cm (6in)	T1806	$11.00



NEW

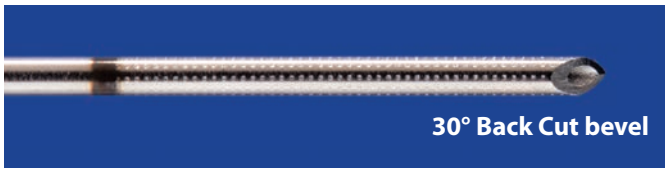
Echogenic Needles for Ultrasound

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

Nerve Block Needles

- Use for nerve block injections.
- Clear needle tip visualization under ultrasound for safe and accurate needle placement.
- Needle bevel is 30° back cut.

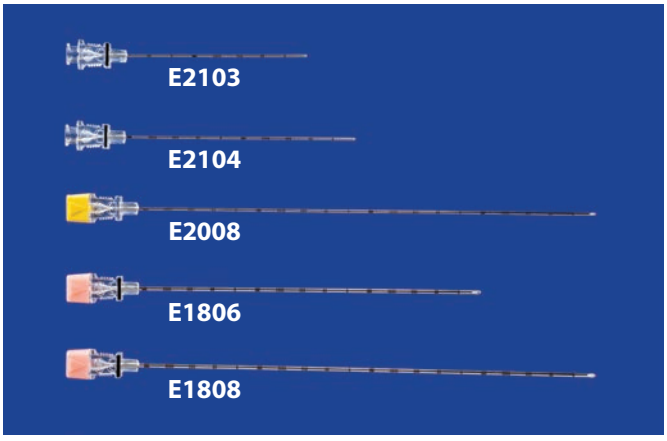
DESCRIPTION	ITEM #	PRICE
21Ga x 8cm (3.125in)	E2103	$10.00
21Ga x 10cm (4in)	E2104	$10.00



MSK/Spinal Needles

- Use for musculoskeletal and spinal injections.
- Clear needle tip visualization under ultrasound for safe and accurate needle placement.
- Needle bevel is Quincke style.

DESCRIPTION	ITEM #	PRICE
20Ga x 20cm (8in)	E2008	$11.50
18Ga x 15cm (6in)	E1806	$11.50
18Ga x 20cm (8in)	E1808	$11.50

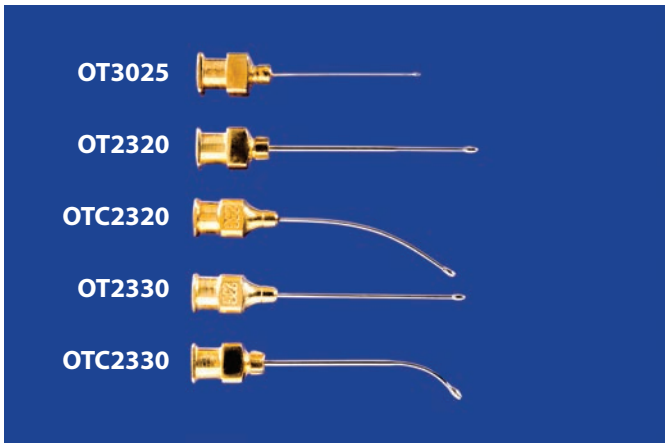


Olive Tip Needles

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.

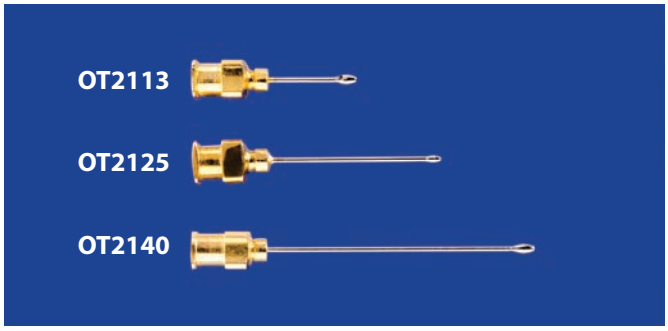
DESCRIPTION	ITEM #	PRICE
30Ga x 2.5cm (1.0in)	OT3025	$15.00
23Ga x 3.0cm (1.25in) Stepped	OT2320	$15.00
23Ga x 3.0cm (1.125in) Curved	OTC2320	$15.00
23Ga x 3.0cm (1.25in)	OT2330	$15.00
23Ga x 3.0cm (1.25in) Curved/Stepped	OTC2330	$15.00



URINARY & ANAL GLAND LAVAGE NEEDLE

- Used to flush and lavage distal end of feline penis and anal gland.
- Stainless steel needle with small atraumatic olive tip.
- Female luer designed to fit any syringe.

DESCRIPTION	ITEM #	PRICE
21Ga x 1.3cm (.5in)	OT2113	$15.00
21Ga x 2.5cm (1in)	OT2125	$15.00
21Ga x 4.0cm (1.5in)	OT2140	$15.00

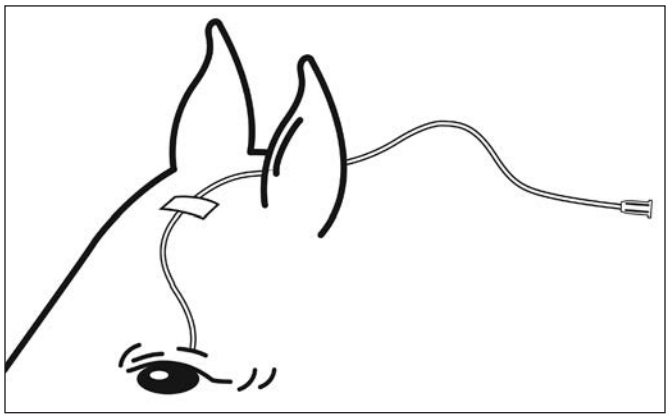


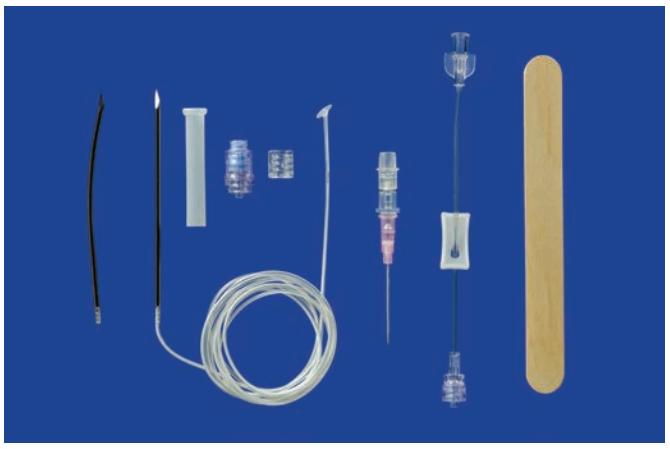
Eye Lavage Kit/SPL

- For upper or lower lid.
- Single stick insertion method.
- Soft non-irritating disk and tubing.
- Allows application of eye medication away from the site.
- Easily used in clinical and farm setting.
- Kit includes 12Ga straight or 10° angled trocar, catheter, eyelid lifter, extension tube, luer lock adapter, tongue depressor, catheter for medication infusion, and needle free port.
- Repair kit (#6615) includes tubing 20in long, cannula for connecting tubes, 20Ga catheter, tongue depressor, and needle free port.
- Use the elastomeric administration pump for continuous infusion.

DESCRIPTION	ITEM #	PRICE
Subpalpebral Eye Lavage Kit 60in catheter	6612	$61.00
Subpalpebral Eye Lavage Kit Angled 10° trocar, 60in catheter	6613	$61.00
Repair Kit	6615	$20.00

For Ophthalmic Surgical Drape (#OSD $3.50), see page 47.





Elastomeric Pump

- Four layers of latex for sturdiness.
- Recoil of balloon pushes fluid through tubing.
- 100ml fluid reservoir.
- Two flow control tubes are included. FCT12 (0.8ml/hr) is attached to pump. The FCT4 (2.5ml/hr) is included in the package.
- Accuracy rate +/- 15%.

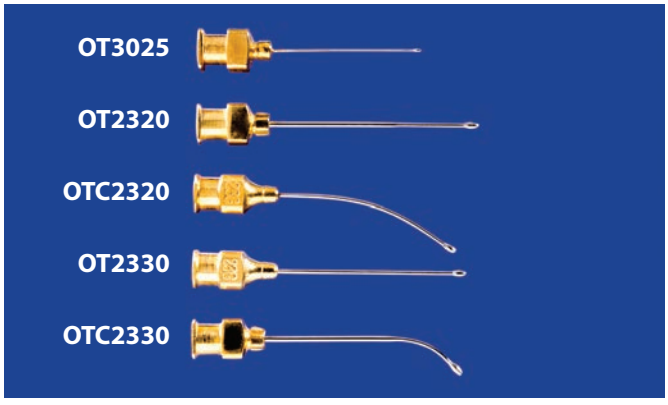
DESCRIPTION	ITEM #	PRICE
Elastomeric Pump	7100	$38.00
10ml in 4 hours – 2.5ml/hour	FCT4	$9.55
10ml in 12 hours – 0.8ml/hour	FCT12	$11.55
.2 micron filter (10 pack)	2420	$47.00

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.

DESCRIPTION	ITEM #	PRICE
30Ga x 2.5cm (1.0in)	OT3025	$15.00
23Ga x 3.0cm (1.25in) Stepped	OT2320	$15.00
23Ga x 3.0cm (1.125in) Curved	OTC2320	$15.00
23Ga x 3.0cm (1.25in)	OT2330	$15.00
23Ga x 3.0cm (1.25in) Curved/Stepped	OTC2330	$15.00

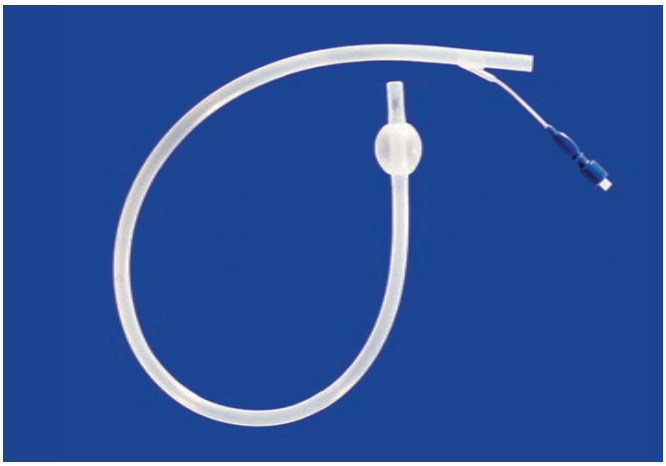


Uterine Flush

EMBRYO TRANSFER CATHETER

- Open end silicone catheter.
- Soft balloon cuff ideal for embryo transfer.
- Y-adapter tube assembly includes line to fluid source, drain line and graduated adapter line to catheter.
- Reuseable.

DESCRIPTION	ITEM #	PRICE
36Fr x 80cm (32in) catheter with 100cc balloon cuff	UFC3680	$40.00



NEW

Uterine Flush Tube

- 28Fr x 190cm flushing tube with spike and multiple exit ports.

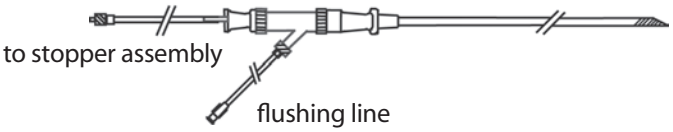
DESCRIPTION	ITEM #	PRICE
28Fr x 190cm (76in)	UFT28190	$9.00

NEW

Equine Oocyte Collection Set

- For equine transvaginal oocyte collection.
- Laminar flow, no ridges on collection side.
- Aspiration needle is 12Ga x 60cm (24in), stainless steel, double lumen, with an ultra sharp tip to improve visualization under ultrasound.
- Flushing and collection lines are 14Ga x 180cm (72in) pvc attached to a 'Y' adapter.
- #6 silicone bottle stopper with collection port and vent port.

DESCRIPTION	ITEM #	PRICE
Oocyte Collection Set - Etched Tip Includes 12Ga needle assembly, flushing and collection lines and bottle stopper assembly	OCS	$76.00
Outer Replacement Needle - Etched Tip 12Ga x 60cm	OCRN	$30.00
Oocyte Collection Set - Non-Etched Tip Includes 12Ga needle assembly, flushing and collection lines and bottle stopper assembly	OCS-2	$76.00
Outer Replacement Needle - Non-Etched Tip 12Ga x 60cm	OCRN-2	$30.00
Replacement Lines Includes Y-port with attached flushing and collection lines	OCRL	$9.00
Stopper Assembly Includes #6 silicone stopper with collection and vent ports	OCSA	$23.00



High Flow Fluid Transfer Set

Ideal for uterine flush. Includes high flow spike, clamp and graduated adapter for 20-40Fr tubes.

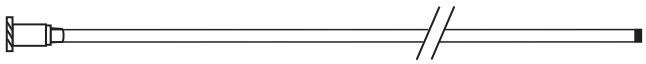
DESCRIPTION	ITEM #	PRICE
Length 30cm (12in)	175490	$9.00
Length 60cm (24in)	175493	$9.00

Tracheal Wash / Aspiration Catheters

Single Lumen Catheters

Single lumen catheter with female luer lock for medication delivery and sampling at any endoscope accessible site. To maintain sterility during placement, these sets contain a glycol plug.

DESCRIPTION	ITEM #	PRICE
2.3mm OD x 190cm (76in) for 2.5mm scope	EDC190	$11.00
2.3mm OD x 220cm (88in) for 2.5mm scope	EDC220	$11.00
2.3mm OD x 400cm (160in) for 2.5mm scope	EDC400	$11.00



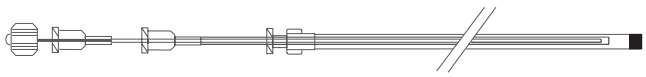
Double / Triple Lumen Catheters

Two and three lumen sampling catheters enable a sterile specimen retrieval via an endoscope. To maintain sterility during placement, these sets contain a glycol plug in the outer catheter. Once placed, the inner catheter is advanced for retrieval of the sterile specimen.

DESCRIPTION	ITEM #	PRICE
Two stage catheter - 1.8mm x 190cm (76in) for 2.0mm scope	EMAC700	$29.00
Two stage catheter - 1.8mm x 250cm (100in) for 2.0mm scope	EMAC700L	$34.00
Triple stage catheter - 2.3mm x 190cm (76in) for 2.5mm scope	EMAC800	$31.00

Double Lumen

Triple Lumen

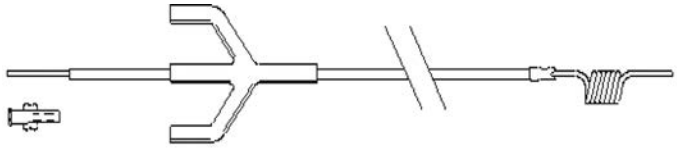


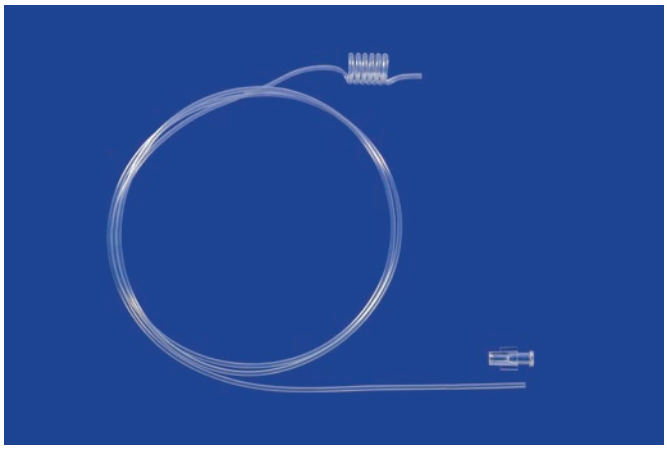
Indwelling Guttural Pouch Catheter Kit

Placed by viewing the guttural pouch through an endoscope up one nostril and placing the catheter introducer up the other nostril. Non-irritating polyurethane catheter for extended treatment of the guttural pouch. Kit includes polyurethane catheter with coils, bendable introducer and attachable luer lock adapter. The catheter can be left in for days, secured to the halter and protected by a grazing muzzle or cut to desired length.

Catheter dimension: 12Ga x 135cm (54 Inches).

DESCRIPTION	ITEM #	PRICE
Catheter Kit	9500	$62.00
Catheter Only	9510	$47.00

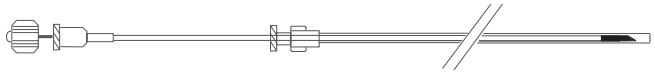




Lance-A-Lot

Aspiration and injection needle (17Ga) with female luer lock. Ideal for lancing and injecting ethmoid hematomas and uterine cysts.

DESCRIPTION	ITEM #	PRICE
2.5mm x 190cm (76in)	LAN190	$37.00



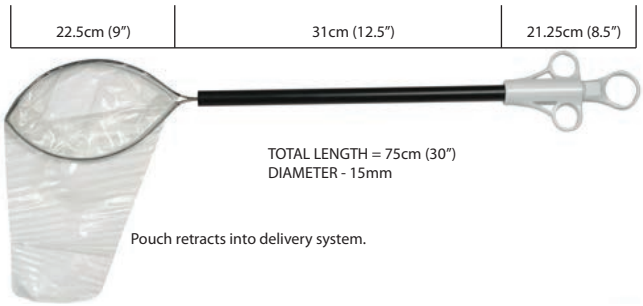
NEW

Large Animal Retrieval Pouch

LARGE BAG

- Retrieval pouch for a variety of large animal surgical procedures.
  - Ovariectomies with normal ovaries and granulosa cell tumors.
  - Removal of abdominal cavity tumors.
  - Harvesting biopsy specimens.
  - Castration of cryptorchid testicle.
- **1500ml detachable bag.**

ITEM #EP810	$75.00

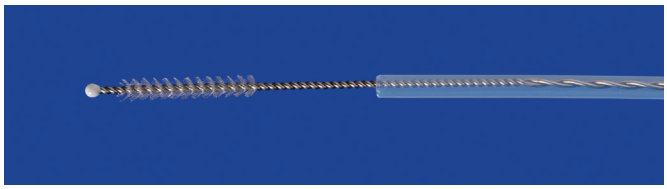


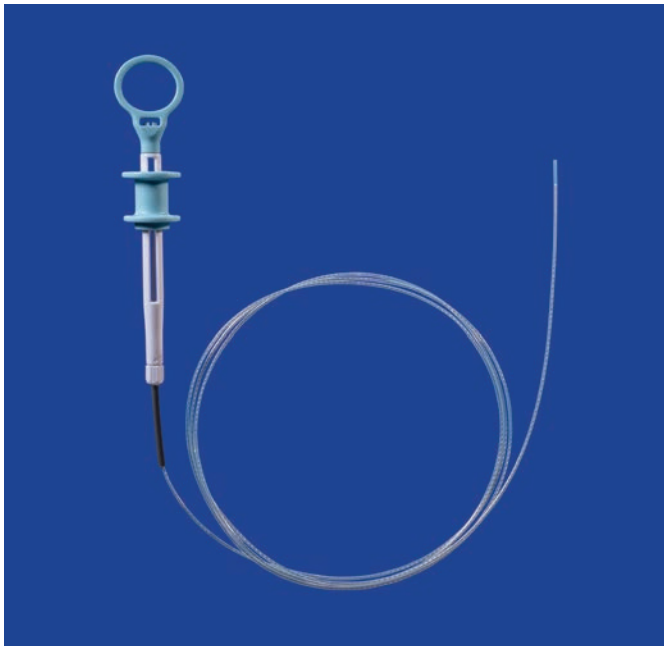
NEW

Cytobrush – Protected

- Indicated to collect tissue samples from the bronchi and/or upper and lower gastrointestinal tracts for the diagnosis of suspected pathology in the airway.
- Tube within a tube design. The outer tube has a water soluble glycol plug in the distal end to protect the inner lumen brush from contamination as it travels through the endoscope channel. When the sample site is reached, the forward motion of the inner tube safely expels the plug, and deploys the brush. After sample collection, the brush is retracted into the outer tube, and removed from the scope channel.
- Fits down 2.0mm endoscopic channel.
- Sheathed catheter with plug for sample protection is 1.8mm x 180 cm.
- 10mm bristled brush with outside diameter of 2mm and radiopaque distal end cap.
- Handle with ring provides easy deployment and retraction of brush.

DESCRIPTION	ITEM #	PRICE
1.8mm x 180cm (72in)	CYT180	$13.50

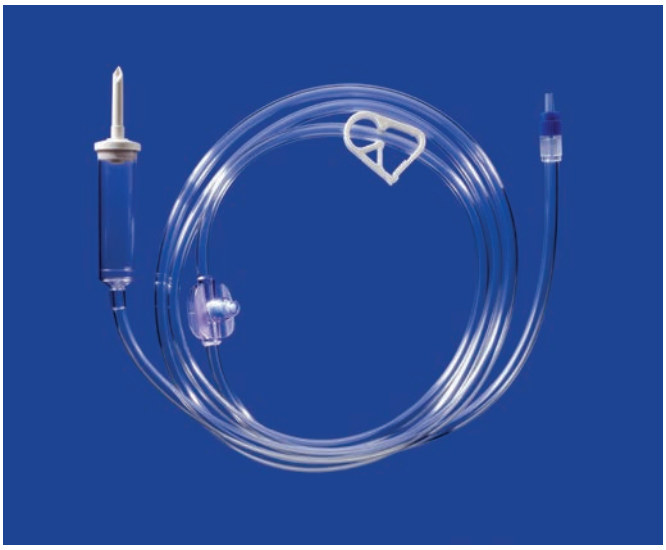




Fluid Collection and Delivery

High Flow IV Administration Sets

DESCRIPTION	ITEM #	PRICE
High flow set includes drip chamber, 72in (180cm) tubing, pinch clamp, needle free injection site, and spin luer lock. 12 drops/ml Priming Volume = 42ml	175497	$8.00



DESCRIPTION	ITEM #	PRICE
High flow set includes vented spike with filter, 72in (180cm) tubing, pinch clamp, needle free injection site, and spin luer lock. 12 drops/ml Priming Volume = 32ml	175498	$8.00

EquiSet IV Administration Set

DESCRIPTION	ITEM #	PRICE
Improved - Now available with Y injection site Economical large bore (30Fr x 300cm/120in) non-vented Y-set with 2 spikes, 3 clamps, roller flow adjustment, and spin luer lock adapter. Needle free injection port.	8V0002	$15.00

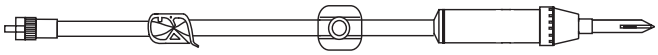
Arthroscopy Fluid Line Wound Flushing Line

High flow infusion set includes spike, 10 feet of tubing, clamp, and spin luer lock. Fits basic peristaltic pump.

DESCRIPTION	ITEM #	PRICE
Tubing -10 feet (300cm)	175499	$7.00

Blood Collection Set

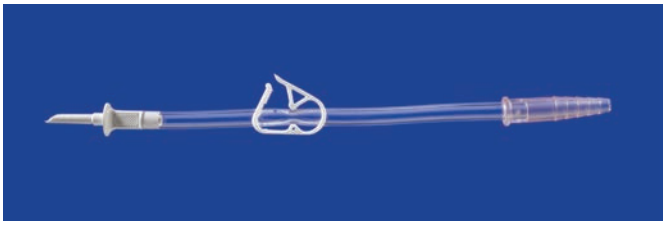
DESCRIPTION	ITEM #	PRICE
High flow collection set that attaches directly to venous catheter and vacutainer bottle. Set includes 72in (180cm) **large bore** tubing, injection site, drip chamber, and spin luer lock. Priming volume = 42ml	175484	$10.00



High Flow Fluid Transfer Set

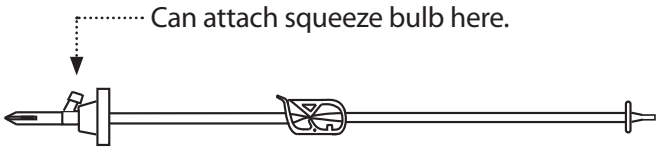
Ideal for uterine flush. Includes high flow spike, clamp, and graduated adapter for 20-40Fr tubes.

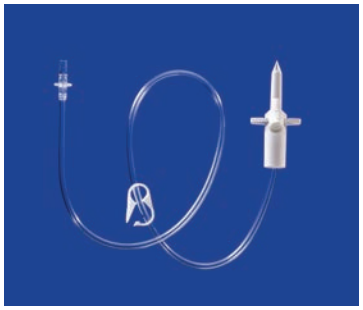
DESCRIPTION	ITEM #	PRICE
Length 30cm (12in) Priming volume = 8ml	175490	$9.00
Length 60cm (24in) Priming volume = 20ml	175493	$9.00



Secondary Venoset

DESCRIPTION	ITEM #	PRICE
Deliver a small amount of medication quickly. This set allows pressurization when used with squeeze bulb (Item #175590) of a bag or bottle. Replacement for the discontinued Abbott secondary venoset. Priming Volume = 4ml Tubing length is 23in (58cm).	175720	$5.00





Controlled Flushing Set

- 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.
- Eliminates the need to pre-fill syringes.
- Spike the flush medium, attach syringe to female luer of valve, fill syringe, flush, then repeat process.

ITEM #CFS36	$15.00

Fluid Collection and Delivery

10 Drop IV Administration Set

DESCRIPTION	ITEM #	PRICE
Universal spike, 224cm (88in) tubing, roller clamp, slide clamp, one injection site located 11 inches above distal end, spin connector. Priming volume = 25.6ml	175250	$3.50
Universal spike, 261cm (103in) tubing, roller clamp, slide clamp, two injection sites located 9 inches and 87 inches above distal end, spin connector. Priming volume = 28ml	175255	$4.00

15 Drop IV Set

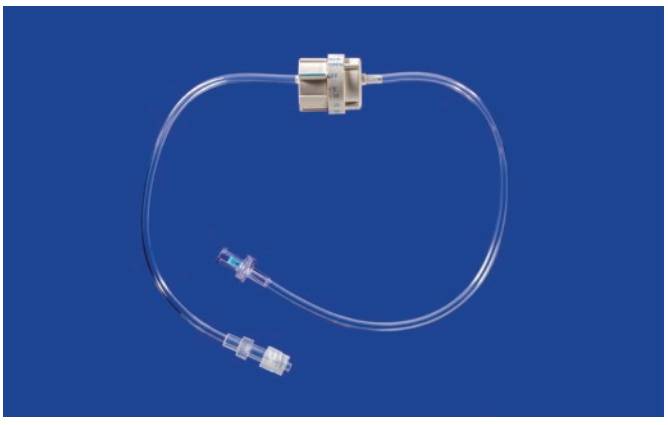
DESCRIPTION	ITEM #	PRICE
Administration set with vented spike, 76 inch tubing (190cm), drip chamber, rotating luer lock, roller clamp and injection site. Replacement for the discontinued BD15 Drop Set. Priming Volume = 13.3ml	175278	$5.25

Fluid Transfer Set

High flow spikes to transfer fluid between bags, 45cm (18in)
ITEM # FTS18 $4.75

Fluid Control Dial

DESCRIPTION	ITEM #	PRICE
Easily adjust infusion rate from 10ml/hour up to **350ml/hour** when used with gravity system. When used with pressurized system, flow is four times faster. Tube length is 18in (45cm).	175480	$9.00



Pressure Infusors

High performance pressure infusor.

- 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.

DESCRIPTION	ITEM #	PRICE
1000ml cuff with squeeze bulb and 3-way stopcock	175500	$47.00
3000ml cuff with squeeze bulb	175930	$200.00
5000ml cuff with squeeze bulb	175950	$200.00
Inflation Squeeze Bulb Assembly Includes bulb and three-way stopcock	175590	$20.00

175500

175590

175930 & 175950

Foal/Horse Urinary Foley Catheters and Foal Urine Collection Kit

- Balloon cuff retains catheter in the bladder.
- The wire provides rigidity to save time and trauma.
- Radiopaque silicone material.
- 8Fr and 10Fr sizes packaged in a kit with catheter, wire stylet, suture wing, suture pack, female luer lock christmas tree, cap, lubricating gel packet, gauze, and syringe.
- 12Fr to 24Fr include wire stylet, female luer lock christmas tree, and cap. Suture wing packaged with 12Fr and 14Fr.
- Urine collection kit includes 600cc collection bag with anti-reflux valve and twist drain, female luer lock christmas tree, and 17cm (7in) extension line to facilitate easy carrying of the bag by the foal.

DESCRIPTION	ITEM #	PRICE
8Fr x 30cm (12in) with 3cc balloon	UC812	$37.00
8Fr x 60cm (24in) with 3cc balloon	UC824	$37.00
8Fr x 90cm (36in) with 3cc balloon	UC836	$37.00
10Fr x 30cm (12in) with 5cc balloon	UC1012	$37.00
10Fr x 45cm (18in) with 5cc balloon	UC1018	$37.00
10Fr x 90cm (36in) with 5cc balloon	UC1036	$37.00
12Fr x 30cm (12in) with 10cc balloon	UC1212	$35.00
12Fr x 55cm (21in) with 10cc balloon	UC1221	$35.00
14Fr x 23cm (9in) with 10cc balloon	UC1409	$35.00
14Fr x 55cm (21in) with 10cc balloon	UC1421	$35.00
16Fr x 55cm (21in) with 10cc balloon	UC1621	$35.00
18Fr x 55cm (21in) with 10cc balloon	UC1821	$35.00
20Fr x 55cm (21in) with 10cc balloon	UC2021	$35.00
22Fr x 55cm (21in) with 10cc balloon	UC2221	$35.00
24Fr x 42cm (16in) with 30cc balloon	UC2416	$52.00
24Fr x 150cm (59in) with 30cc balloon	UC2459	$52.00
Foal Urine Collection Kit - 600cc bag with 17cm (7in) extension tube	UC600F	$23.00

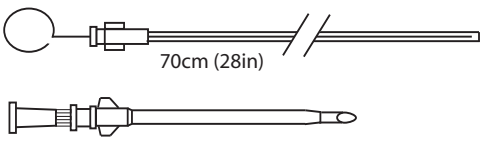
FOR FOAL
Short extension allows ambulatory foal to carry the bag.

UC600F

Large Animal Trans-Tracheal Wash Kit/TTL

Catheter-over-needle insertion method through the skin 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 handling without a glove.

DESCRIPTION	ITEM #	PRICE
10Ga x 2.25in steel introduction catheter with 12Ga x 70cm (28in) flushing catheter for horses and foals	TW1228	$32.00
14Ga introducer with 16Ga x 70cm (28 in) flushing catheter for large dogs and neonatal foals	TW1628	$24.00



Introducer for TW1228 - 10 Gauge

INTRODUCERS are 10Ga or 14Ga.

Equine Joint Infusion Kit

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. Two flow control tubes included, 0.8ml/hr and 2.5ml/hr.

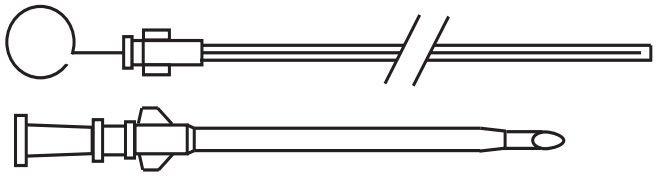
ITEM #9100	$82.00

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

Small Animal Tracheal Wash

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 handling without a glove.

DESCRIPTION	ITEM #	PRICE
Medium Sized Dog - 16Ga x 41cm (16in) flushing catheter with 14Ga introducer	TW1616	$24.00
Large Dog - 16Ga x 70cm (28in) flushing catheter with 14Ga introducer	TW1628	$24.00



Large Animal Broncho-Alveolar Lavage Catheter (BAL)

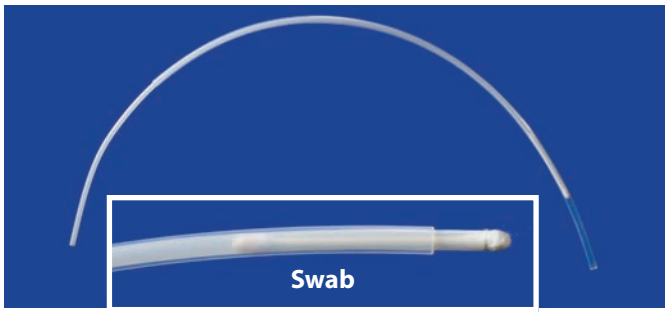
- Open end silicone heavy wall radiopaque catheter for the lavage of selected segments of the lung fields using the nasotracheal approach.
- Distal balloon can be inflated to prevent retrograde fluid flow. Total balloon volume = 50cc, fill according to clinic protocol.
- Proximal two-way fitting allows simultaneous connection for both irrigation and aspiration.
- Reuseable.

DESCRIPTION	ITEM #	PRICE
10mmOD, 2.5mmID, 240cm (96in)	BAL240	$74.00
10mmOD, 2.5mmID, 300cm (120in)	BAL300	$74.00
Replacement Stopcock (10 pack)	2400	$36.00
Controlled Flushing Set - for continual irrigation - see page 61	CFS36	$15.00

Equine Guarded Pharyngeal Swab Kit

- For collection of a **sterile** sample.
- An inert capsule protects the inner tube while advancing through the nostril.
- Tube within a tube style.
- Outer tube has a smooth, atraumatic distal end.
- After advancing, the capsule is pushed out by the inner tube and dissolves.
- Swab area for sample, and then retract inner tube into the outer tube before withdrawing all from the nostril.
- Kit includes swab, gloves, and scissors.
- Length = 62.5cm (25in) OD = 23Fr

ITEM #5240 $25.00



NEW

Flushing Wye Set for Large Chest Tubes

Flush large chest tubes with this large bore (6.35 ID) wye set.

ITEM #CTF6 $11.00

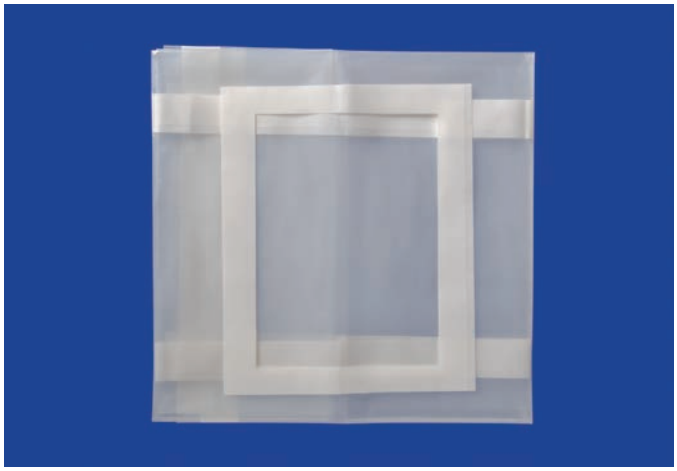
Arm 1 - 152cm (60in) with spike and clamp
Arm 2 - to patient tube, 90cm (36in) with clamp
Arm 3 - to drain bucket, 122cm (48in) with clamp

Equine Castration Drape

Drape size 150cm (60in) x 90cm (36in) clear film with 20cm (8in) x 15cm (6in) adhesive fenestration and **edge strips**.

- **Edge strips** makes this drape ideal for field use, and many types of procedures.
- **Adhesive** aperture.
- Sterile, impervious translucent film.
- Provides superb translucent protection with optimal drapeability.
- Helps maintain patient temperature.

ITEM #ECD $6.00



Accessories and Components

Christmas Tree Style Connectors

DESCRIPTION	ITEM #	PRICE
Large Dual End 4-12mm Each individually packed and sterile	2300	$33.00 **(10 pack)**
Female luer lock adapter accepts 20-40Fr tube Each individually packed and sterile	2350	$20.00 **(10 pack)**
Female luer lock adapter accepts 11Fr-22Fr tube Each individually packed and sterile	2360	$33.00 **(10 pack)**
Male luer lock adapter accepts 20-40Fr tube Each individually packed and sterile	2380	$33.00 **(10 pack)**

.2 Micron Bacteria Filter

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

DESCRIPTION	ITEM #	PRICE
With male and female luer locks. Each individually packed and sterile	2420	$47.00 **(10 pack)**

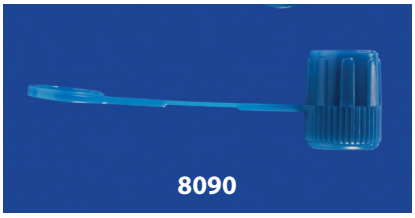
Connectors

DESCRIPTION	ITEM #	PRICE
Female to Female Luer Connection Each individually packed and sterile	2440	$19.00 **(10 pack)**
Male to Male Luer Connection Each individually packed and sterile	2445	$19.00 **(10 pack)**
Three female connectors with a male rotating luer lock. Each individually packed and sterile	2460	$34.00 **(10 pack)**

Caps

- **Tethered Cap** (8090) attaches to the catheter or extension hub to cover the injection site.
- «**Stemless Luer Lock Cap** (8099) 10 pack, non-sterile.

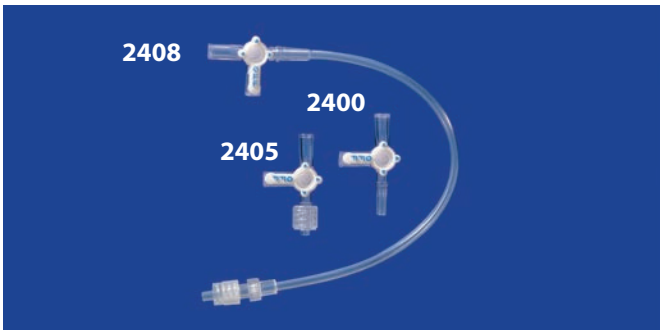
DESCRIPTION	ITEM #	PRICE
Tethered Cap	8090	$0.80
Stemless Luer Lock Cap (10 pack)	8099	$3.75

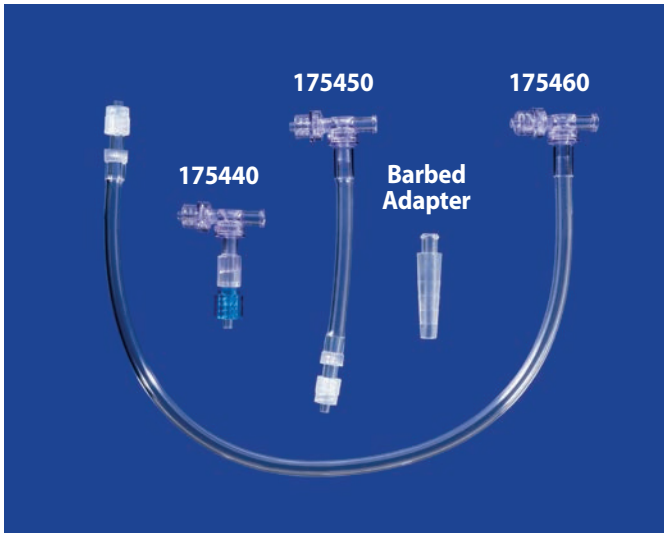


Stopcocks

DESCRIPTION		ITEM #	PRICE
Three-way with luer slip	**(10 pack)**	2400	$36.00
Three-way with luer lock	**(10 pack)**	2405	$36.00
All individually packed and sterile			
Three-way with 8in extension		2408	$8.00

*For **Automatic 3-Way**, see page 40.*





*For **Automatic 3-Way detailed information**, see page 40.*

Conversion Chart

FRENCH	GAUGE	INCH	MM
1	29	0.013	.33
2	23	0.025	.64
3	20	0.039	1
4	18	0.053	1.35
5	16	0.066	1.67
6	14	0.079	2
7	13	0.092	2.3
8	12	0.105	2.7
9	—	0.118	3
10	10	0.131	3.3
11	—	0.144	3.7
12	—	0.158	4
13	—	0.170	4.3
14	—	0.184	4.7
15	—	0.197	5
16	—	0.210	5.3
17	—	0.223	5.7
18	—	0.236	6
19	—	0.249	6.3
20	—	0.263	6.7
22	—	0.288	7.3
24	—	0.315	8
26	—	0.341	8.7
28	—	0.367	9.3
30	—	0.393	10
32	—	0.419	10.7
34	—	0.445	11.3

Length: 1 inch = 2.54 centimeters

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SA1825	6
SA1609	6
SA1615	6
SA1615-2P-PI	8
SA1620	6
SA1625-2P-PI	8
SA1630	6
SA1420	6
SA4FD08	6
SA4FD08-PI	8
SA4FD13	6
SA4FD13-PI	8
SA4FD30	6
SA5FD08	6
SA5FD08-PI	8
SA5FD13	6
SA5FD25	6
SA5FD25-PI	8
SA7FD15	6
SA7FD20	6
SA5FT08	6
SA5FT13	6
SA5FT30	6
SA7FT15	6
SA7FT30	6
SA7FT60	6
SA8FQ20	6
SAC4	27
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SE1415	33
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SE2022	33
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T2225	54
TTC35-100	50
TTCIC50-80	50
TTNC25-55	50
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TW1628	64
UC306	22
UC306S	22
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UC506S	22
UC510	22
UC510S	22
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UC600	23
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UC612	24
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UC636	24
UC812	24/63
UC824	24/63
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UC1000	23
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UC1018	24/63
UC1036	24/63
UC1212	24/63
UC1212C	24
UC1221	24/63
UC1221C	24
UC1409	24/63
UC1621	24/63
UC1621C	24
UC1821	24/63
UC1821C	24
UC2000K	23
UC2021	24/63
UC2021C	24
UC2221	24/63
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UC2416C	24
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