SINCE 1991

MILA
INTERNATIONAL, INC.

Medical Instrumentation for Animals

2023 International Catalog

www.milaint.com

SCAN THIS CATALOG

QR CODES INSIDE FOR VIDEOS!

TABLE OF CONTENTS

MILA International, Inc. is an innovative company that develops veterinary medical products otherwise commercially unavailable. We appreciate the opportunity to serve the world's diverse veterinary community since 1991.

Accessories & Components 102-103
Administration Sets 94-97
Airway/ET Tube Exchange Catheter 77
Airway Sampling 74-75
Anal Sac Balloon Catheter 46
Antimicrobial Catheters 11
Arterial Catheter 16
Arthroscopy Fluid Line 94
Aspiration Needle System 33
Atomizer/Throat Sprayer 78
Auto 3-way 68-69, 103
Autotransfusion 99
Bacteria Filter 81, 102
Balloon Dilation Feeding Tube 60-61
Barbed Adapters 49, 102
Bellows Suction System 73
Biopsy Products 32-33
Blake Drains 45, 72
Blood Administration Sets 98
Blood Filtration 98-99
Bloat Tubes 46
Bone Marrow Aspiration Needles 33
Brain Biopsy 32
Bronchoalveolar Lavage (BAL)
- Small Animal 74
- Large Animal 75, 101

Bubble Tubing 66
Canine GDV/Bloat Tubes 46
Caps 25, 27, 102
Centesis Adapters 68-69
Cerebral Biopsy 32
Chest Tubes
- Guidewire Insertion 62
- Silicone 63
- Trocar 63

Chest Tube Adapters
- for Suction Systems 66
- with Auto 3-way 68/69
- with Stopcock 64

Chest Tube Suction Bulbs 65
Christmas Trees 49, 102
Closed Medication System 82-83
Connectors 49, 102
Continuing Education Information 4
Controlled Flushing Set 75, 96, 101
Conversion Charts 105
Custom Order Information 4
Cystostomy Catheter 41
Cytobrush 75, 93
Diffusion/Wound Catheter 81
Dispensing Pins 30-31
Distributors 106-107
Drain Adapters
- for Chest Tubes 64-66, 68-69
- for Surgical Drains 73

Drains 72
Drapes 13, 89
Drum Long Line Catheter 14
Echogenic Needles 71, 87
Economy Catheters 48
Elastomeric Pump 89, 100
Embryo Transfer 90
Endo Pouch 93
Endoscopic Catheters 92-93
Endotracheal Tubes 76-79
Enteral Feeding Products 50-61
Epidural Pain Management Kits 81
Equine Joint Infusion Kit 100
Equine Nasogastric Tubes 55
Esophageal Balloon Dilation 60-61
Esophageal Feeding Tube Passer 57
Esophagostomy Feeding Tubes
- Balloon Dilation 60-61
- Polyurethane 56
- Silicone 58

Esophagostomy Tunneler 57
Extended Use MILACATH™ 18
Extension Sets
- 2, 3 and 4 Port Sets - all bores 28
- Special Use Sets 29
- Straight Sets - Mini/Small Bore 24
- Straight Sets - Large Bore 25
- T Sets - Mini/Small Bore 26
- T Sets - Large Bore 27

Eye Lavage Kit 88
EZ-IO® Intraosseous Access 15
Fecal Management System 47, 85
Feeding Tube Extension Set 53
Feeding Tubes
- BE Tubes 60-61
- E Tubes 56-58
- G Tubes 51
- J Tubes 51
- NG Tubes 52-54
- PEG Tubes 50

Fenestrated Catheters 19
Fenestrated Centesis Catheters 67
Fetcher™ Endoscopic Retrieval Device 93
Filters
- for Bacteria 81, 102
- for Blood 98-99

Fluid Collection and Delivery 94-97
Fluid Control Dial 29, 96
Fluid Transfer 90, 96
Foley Catheters 38-39
Foley Catheters for Female Canine 41
Gastrostomy (PEG) Kits 50
Gastrostomy Catheters 51, 58
GDV/Bloat Tubes 46
Grenades (for use with drains) 73
Guardian™ Disc 17, 45, 59, 73
Guidewires 11, 103
Guidewire Catheters
- Central Venous 9-11
- Chest Tube 62
- Cystostomy 41
- Gastrostomy 50, 58
- Hemodialysis 17, 44
- Urinary 41

Guttural Pouch Catheter Kit 92
Heimlich Valves 64
Hemodialysis Catheter Kits 17, 44
Infusion Pumps
- Clear Cuff Pressure Infusor 97
- Elastomeric Pump 89, 100

Injection Ports and Caps 21
Intraosseous Access 15
Introcan Safety® Peripheral IV 20
Introducer Sheath w/Hemostatic Valve 16
IV Sets 94-97
Jackson Pratt Drains 72
Jejunal (J - G) Tubes 51

Joint Infusion System 100
Lacrimal Lavage Needles 87, 89
Lance-a-Lot 92
Laparoscopic Retrieval Pouch 93
Long Line Catheter Kits 15
Long Term MILACATH™
- Large Animal - Guidewire 11
- Large Animal - Peel-Away 13
- Small Animal - Guidewire 9
- Small Animal - Peel-Away 13

Manual Bone Marrow Needle 15
Mic-Key® Low-Profile Gastrostomy 51
MicroClave® 22, 26, 28
MILA Guardian™ 17, 45, 59, 73
Nasogastric Feeding Tubes
- Large Animal 55
- Yellow 54
- NG Plus (purple) 52

Needle-Free Dispensing Devices 30-31
Needles 86-87
Nerve Block Products 70-71
Neurology Products 32, 34-35
Olive Tip Needles
- Lacrimal Lavage 87, 89
- Urinary/Anal Gland Lavage 46, 87

Oncology Products 82-85
Oocyte Collection Kits 91
Opthalmic Surgical Drape 89
Ordering Information 4
Pain Management
- Diffusion/Wound Catheters 81
- Epidural Kits 81
- Peripheral Nerve Block 70-71
- Tuohy Needles 86

Peel-Away Introducers 13
PEG Kits 50
Percutaneous Balloon Catheter Kit
- for Cystostomy 41
- for Gastrostomy 58

Pericardial Centesis 67
Peripheral IV Catheters 20
Peripheral Nerve Block Products 70-71
Peritoneal Dialysis 45
PICC Silicone Catheter Kits 15
Pick & Peel Surgical Drape 13
Pigtail Catheter Kits 44
PinkPoly™ Catheter Connectors 49
PinkPoly™ Economy Catheters 48
Pressure Infusors 97
Product Support Information 4
Pumps 89, 100
QuickyCath™ 19
Reproduction 90-91
Retropulsion™ Urinary Catheters 40
Return Product Information 4
Secondary Venoset 96
Shores-Little Cerebral Biopsy Device 32
Short Term MILACATH™ 19
Short Term QuickyCath™ 19
Spinal Needles 86
Spiral Drains 72
SPL 88
Stasis Valve 22
Stimpod 70
Stimulating Needles 71
Stopcocks 103
Stricture Tubes 60-61
Subpalpebral Eye Lavage 88
Suction Bulbs
- for Chest Tubes 65
- for Drains 73

Surgical Chest Tubes 63
Surgical Drains 72
Suture Wings 103
Thoracic Catheters 62-63
Throat Sprayer 78
Tomcat Urinary Catheter 36-37
Tracheal Wash Kits
- Endoscopic 92
- Large Animal 75
- Small Animal 74

Tracheostomy Tubes 80
Transfusion 98
Trans-Tracheal Wash Kits 101
Trocar Chest Tubes 63
Tunneler for Esophagostomy Tubes 57
Tuohy Needles 86
Ultrasound Needles 71, 87
Urinary/Anal Gland Lavage Needle 46, 87
Urinary Catheters
- Foley (Large & Small Animal) 38-39
- Tomcat 36-37

Urine Collection Systems 42-43, 85
Uterine Flush 90
UV Blocking Products 53
Veincath™ Catheter 16
VetJet™ Atomization Device 34-35
Wound Catheter 81

CATHETER QUICK REFERENCE:

Anal Sacculectomy 46
Arterial 16
Aspiration 92
BAL 74-75, 101
Cardiology 16
Centesis 67
Central Venous 6-13
Cystostomy 41
Diffusion/Wound 81
Drum Long Line 14
Economy 48
Embryo Transfer 90
Endoscopic 92-93
Epidural 81
Extended Use MILACATH™ 18
Fecal Management 47, 85
Fenestrated 19, 67
Foley 38-39
Gastrostomy 51, 58
Guttural Pouch 92
Hemodialysis 17, 44
Intraosseous 15
Long Line 15
Long Term MILACATH™ 6-13
Peripheral IV 20
PICC 15
Pigtail 44
PinkPoly™ 48
QuickyCath™ 19
Retropulsion™ 40
Short Term MILACATH™ 19
Thoracic 62-63
Tomcat 36-37
Tracheal Wash 74-75
Urinary 36-39
Veincath™ 16

Ordering Information

Placing an Order

1. Website: www.milaint.com
   Phone: +1-859-957-1722
   Toll Free: 888-645-2468
   Email: customerservice@milaint.com
2. Order directly from MILA on our website, by phone or email. Most orders placed directly with MILA will ship same day.

   OR
3. Order through an authorized distributor listed on pages 106-107.
4. Credit cards accepted.

Returns

1. Notification must be given before return.

2. Full credit will be allowed for the following conditions:
   A. Merchandise shipped in error against a purchase order. MILA must be notified within 10 days of receipt.
   B. Merchandise damaged in transit. MILA must be notified within 10 days of receipt.

3. When unopened merchandise is authorized to be returned for any reason other than above, credit will be:
   80% within 60 days of receipt
   No credit beyond 60 days of receipt

Scan the QR code to initiate a return request.

Custom Orders

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

Product Support

Questions about our products?

Our Clinical Specialist is here to help.

Scan the QR code above to access the contact form or use the methods below:

Phone: +1-859-957-1722
Toll Free: 888-645-2468
Email: productsupport@milaint.com

MILA Sponsors RACE Approved Webinars

Please visit our website at https://www.milainternational.com/education-center/ to see upcoming courses.

Scan the QR code above to subscribe.

MILA Education Center

Catalog Request

Scan the QR code above to request an additional catalog(s).

New Products

Large Animal Endotracheal Tubes

Page 78-79

The MILA Cuffed Silicone Endotracheal Tubes are appropriate for both oral and nasal intubation, as clinically decided. The inflated balloon cuff facilitates pressurized assisted ventilation.

MILA Guardian™

Page 59

The MILA Guardian™ is a chlorhexidine-impregnated protective foam disc that is clinically proven to reduce the risk of catheter-related infections. Ideal for drains, esophagostomy tubes and hemodialysis catheters.

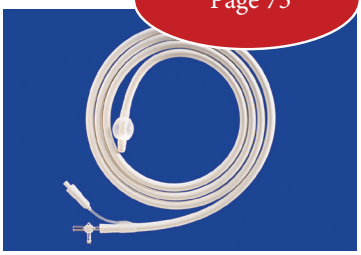
LARGE ANIMAL Bronchoalveolar Lavage (BAL)

Page 75

Open-end, silicone, radiopaque, heavy wall tube for lavage via the nasotracheal route.

NEW SIZE!

24Fr x 200cm (79in)



Fecal Management System

Page 47

The Fecal Management System consists of a soft, silicone catheter inserted into the rectum for collection of liquid stool and a bag to keep the odor and stool contained in a closed system.

NEW SIZE!

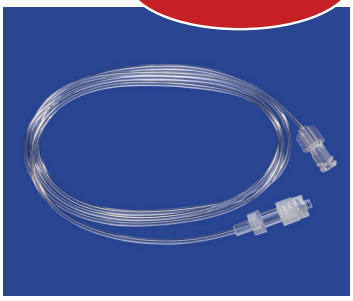
28Fr catheter

Small Bore Straight Extension Set

NEW SIZE!

Page 24

20Ga x 152cm (60in) extension set with female luer and rotating male luer lock.



ENFit™ Nasogastric Feeding Tubes

Page 54

Luer specially designed to accept only ENFit™ connections. Reduces the risk of tubing misconnections.

VetJet™ Nasal Intranasal Mucosal Atomization Device

Page 34

Designed to be a safe and painless way to deliver medication via the naris. Ideal for delivering midazolam intranasally for seizures in dogs.

NOW HAS AN AMBER SYRINGE FOR LIGHT SENSITIVE MEDICATIONS!

Long Term Polyurethane Catheter Kits

INDICATIONS:

The Long Term MILACATH™ is indicated for venous administration of drugs or fluids, blood sampling, TPN and central venous blood pressure monitoring. The catheter is non-kinking and non-thrombogenic.

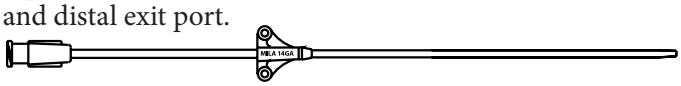
RECOMMENDED INDWELL TIME: Up to 30 days.

SELECT FROM THE FEATURES BELOW TO DETERMINE WHICH KIT IS NEEDED ON PAGES 8-13:

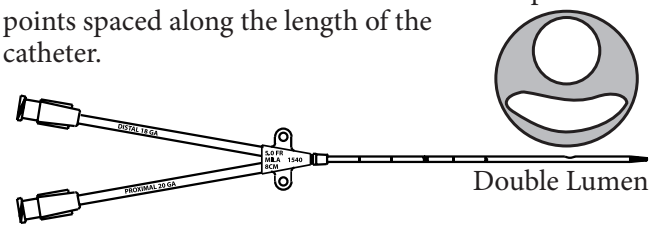
1) Insertion Technique - Guidewire Introduction or Peel-Away Introduction.
2) Animal Size - Large Animal/Equine or Small Animal/ Dogs and Cats.
3) Number of Lumens and Length - Single, Double, Triple or Quadruple Lumens at various lengths.
4) Catheter Type - Standard or Antimicrobial.
5) Preferred Extensions - Integrated Extension Lines or Separate Extension Lines.

See pages 8-13 for a list of pieces included in the kits.

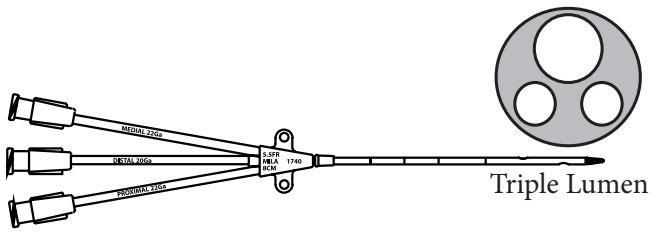
Single Lumen Catheters - Available with integrated or separate extension tubes. The 14Ga catheters have a side and distal exit port.



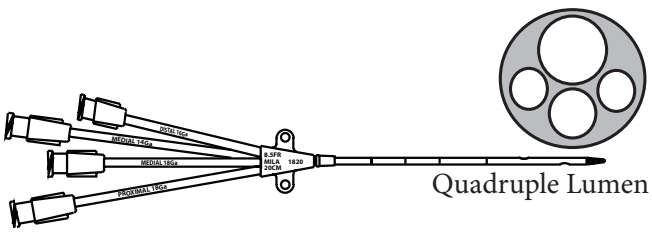
Multi-Lumen Catheters - Each lumen has separate exit points spaced along the length of the catheter.



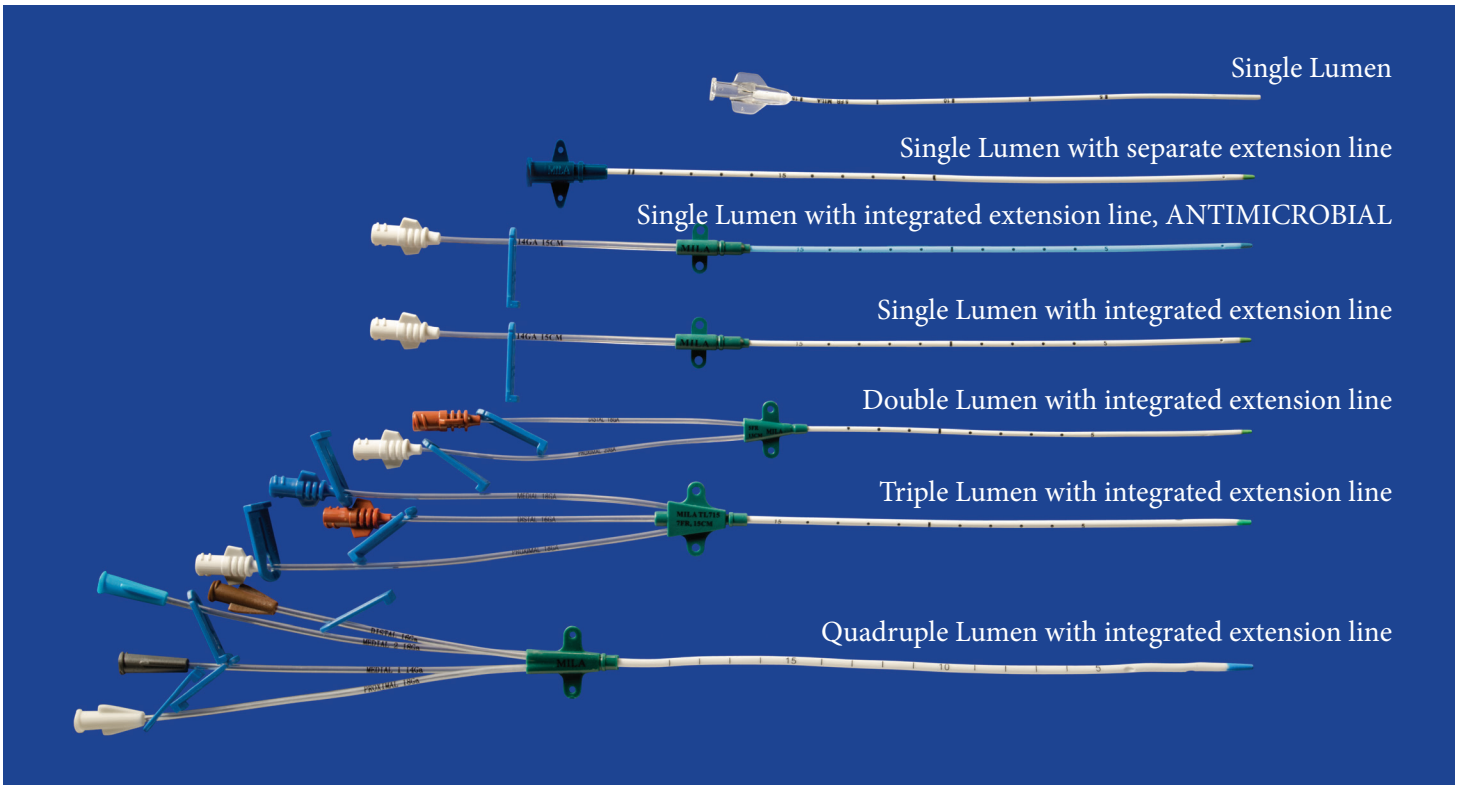
Double Lumen



Triple Lumen



Quadruple Lumen



GUIDEWIRE INTRODUCTION
of a Long Term MILACATH®

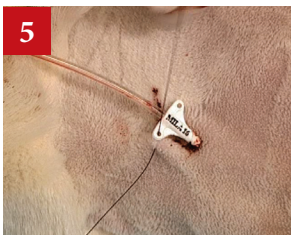
1 INTRODUCER: Use the provided catheter-over-needle to cannulate the vein. Confirm placement in the vein by a flashback of blood into the stylet hub. Remove the needle.

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

ALWAYS HOLD ON TO THE GUIDEWIRE

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

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



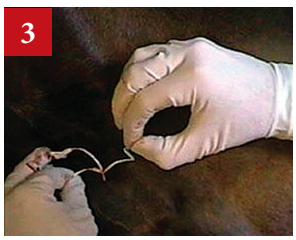
5 Remove the guidewire. Secure the catheter in place with the incuded suture. Sutures through the wing eyelets should be pulled toward the insertion site. If the final indwelling depth is not at the catheter hub, use the included suture wing and blue clamp to secure the extended external length in place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

Guidewire Introduction

PEEL-AWAY INTRODUCTION
of a Long Term MILACATH®

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

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

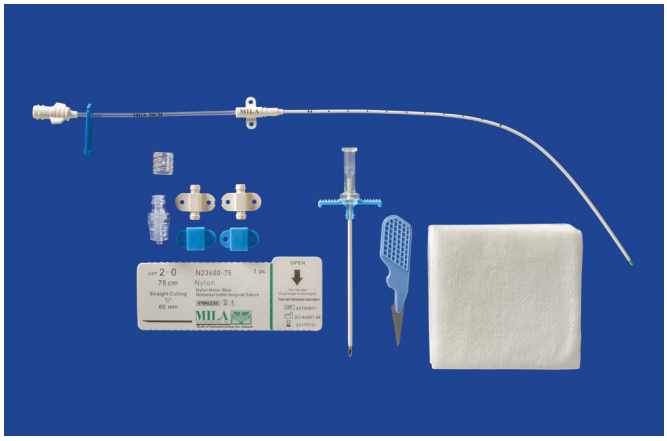


3 Hold catheter hub or extension set against the animal. Grasp the blue handles with both hands and snap away from the hub to break them apart. Gently pull the introducer sheath out of the insertion site ~0.5cm at a time. Pull the handles away from each other to tear the sheath apart. Take care to avoid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

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

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

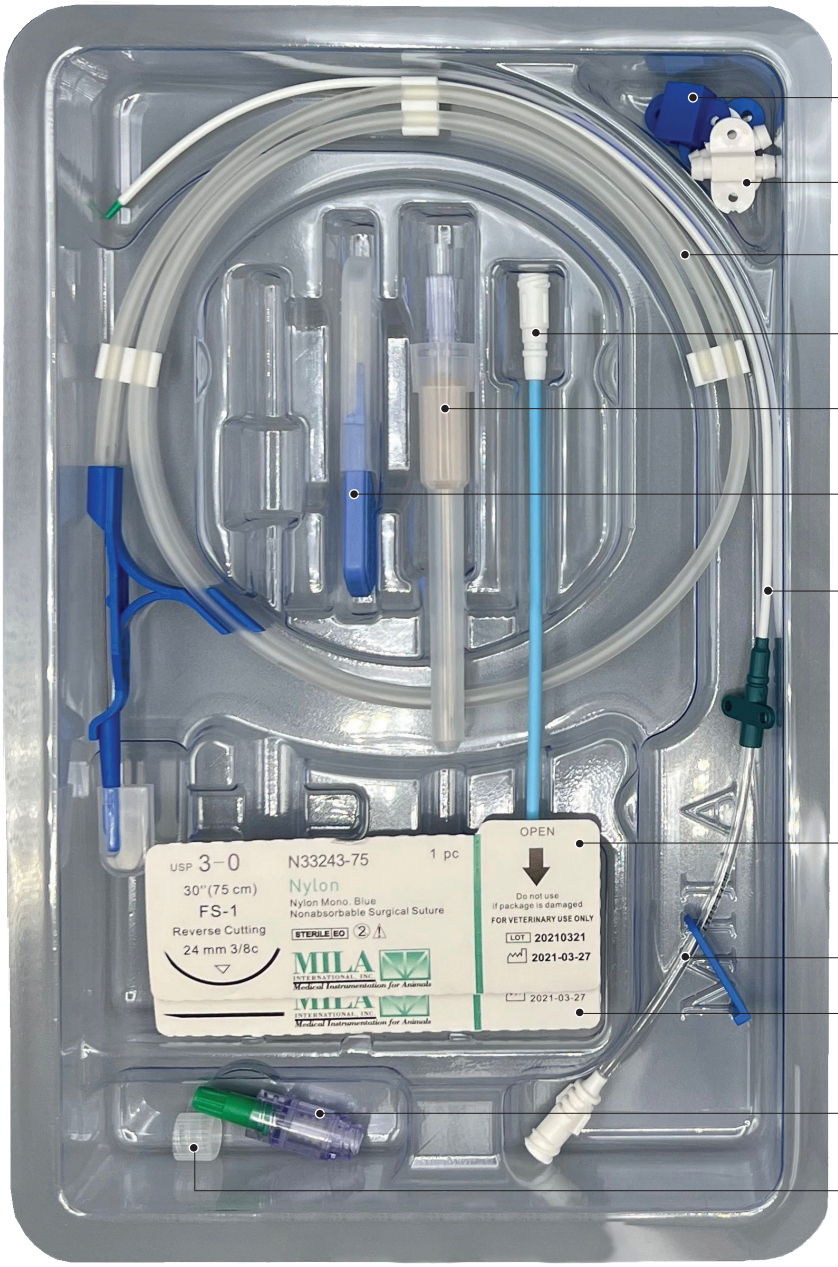
Photos courtesy of Hagyard Equine Medical Institute



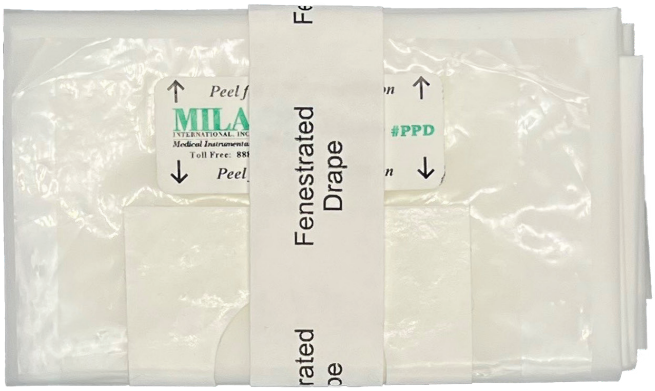
Peel-Away Introduction

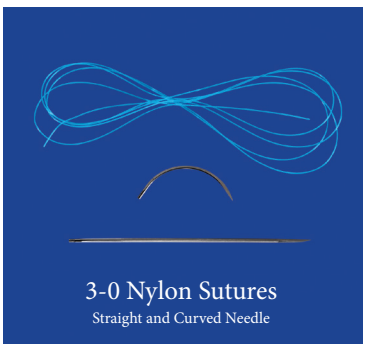
Long Term MILACATH® – Small Animal Kits using GUIDEWIRE INTRODUCTION

SMALL ANIMAL KITS include the following:



- Suture Clamp(s)
- Suture Wing(s)
- Guidewire inside Coiled Housing
- Dilator(s)
- Catheter-over-Needle Introducer(s)
- Size 11 Scalpel
- Catheter
- 3-0 Nylon Suture with Curved Needle
- Integrated Extension Line(s) with clamp(s)
- 3-0 Nylon Suture with Straight Needle
- Needle-Free Stasis Valves(s)
- Stemless Cap(s)





Long Term MILACATH® – Small Animal Kits using GUIDEWIRE INTRODUCTION

Recommended indwell time up to 30 days.

Single Lumen with Integrated Extension Line

DESCRIPTION		ITEM #
24Ga (1.7Fr) x 10cm (4in)	with 22Ga catheter introducer	SA2410
22Ga (2Fr) x 10cm (4in)	with 22Ga catheter introducer	SA2210
20Ga (3Fr) x 6.5cm (2.6in)	with 20Ga catheter introducer	SA2006
20Ga (3Fr) x 12cm (5in)	with 20Ga catheter introducer	SA2012
19Ga (3.5Fr) x 15cm (6in)	with 20Ga catheter introducer, no extension line	SA1915
19Ga (3.5Fr) x 25cm (10in)	with 20Ga catheter introducer, no extension line	SA1925
18Ga (4Fr) x 6.5cm (2.6in)	with 20Ga catheter introducer	SA1806
18Ga (4Fr) x 15cm (6in)	with 20Ga catheter introducer	SA1815
18Ga (4Fr) x 25cm (10in)	with 20Ga catheter introducer	SA1825
16Ga (5Fr) x 9cm (3.5in)	with 18Ga catheter introducer	SA1609
16Ga (5Fr) x 15cm (6in)	with 18Ga catheter introducer	SA1615
16Ga (5Fr) x 20cm (8in)	with 18Ga catheter introducer	SA1620
16Ga (5Fr) x 30cm (12in)	with 18Ga catheter introducer	SA1630
14Ga (6Fr) x 6.5cm (2.6in)	with 16Ga catheter introducer	SA1406
14Ga (6Fr) x 15cm (6in)	with 16Ga catheter introducer	SA1415
14Ga (6Fr) x 20cm (8in)	with 16Ga catheter introducer	SA1420

Double Lumen with Integrated Extension Lines

4Fr x 8cm (3.25in)	with two 22Ga lumens, 20Ga catheter introducer	SA4FD08
4Fr x 13cm (5.25in)	with two 22Ga lumens, 20Ga catheter introducer	SA4FD13
4Fr x 30cm (12in)	with two 22Ga lumens, 20Ga catheter introducer	SA4FD30
5Fr x 8cm (3.25in)	with one 18Ga & one 20Ga lumen, 20Ga catheter introducer	SA5FD08
5Fr x 13cm (5.25in)	with one 18Ga & one 20Ga lumen, 20Ga catheter introducer	SA5FD13
5Fr x 25cm (10in)	with one 18Ga & one 20Ga lumen, 20Ga catheter introducer	SA5FD25
7Fr x 15cm (6in)	with one 14Ga & one 18Ga lumen, 18Ga catheter introducer	SA7FD15
7Fr x 20cm (8in)	with one 14Ga & one 18Ga lumen, 18Ga catheter introducer	SA7FD20
7Fr x 30cm (12in)	with one 14Ga & one 18Ga lumen, 18Ga catheter introducer	SA7FD30
7Fr x 60cm (24in)	with two 16Ga lumens, 18Ga catheter introducer	SA7FD60

Triple Lumen with Integrated Extension Lines

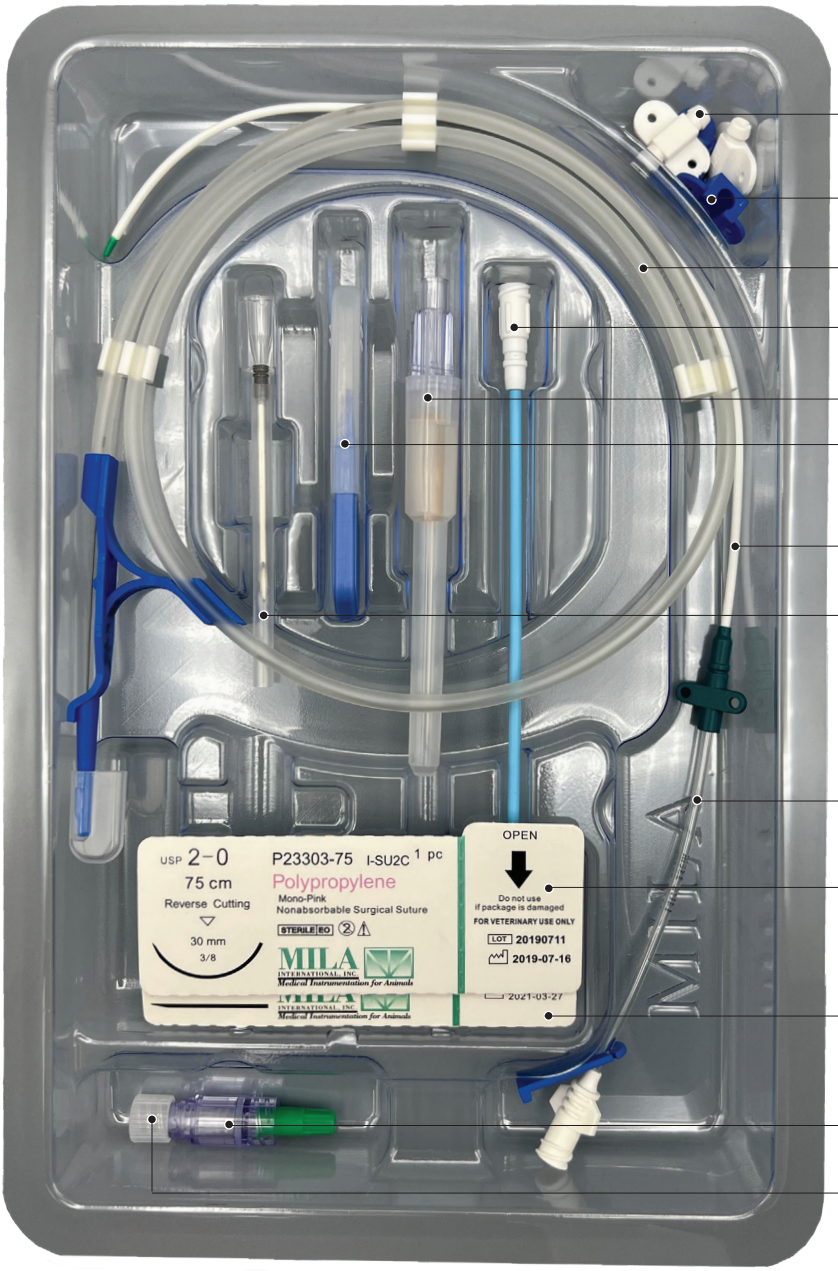
5.5Fr x 8cm (3.25in)	with one 20Ga & two 22Ga lumens, 20Ga catheter introducer	SA5FT08
5.5Fr x 13cm (5.25in)	with one 20Ga & two 22Ga lumens, 20Ga catheter introducer	SA5FT13
5.5Fr x 30cm (12in)	with one 20Ga & two 22Ga lumens, 20Ga catheter introducer	SA5FT30
7Fr x 15cm (6in)	with one 16Ga & two 18Ga lumens, 18Ga catheter introducer	SA7FT15
7Fr x 20cm (8in)	with one 16Ga & two 18Ga lumens, 18Ga catheter introducer	SA7FT20
7Fr x 30cm (12in)	with one 16Ga & two 18Ga lumens, 18Ga catheter introducer	SA7FT30
7Fr x 60cm (24in)	with one 16Ga & two 18Ga lumens, 18Ga catheter introducer	SA7FT60

Quadruple Lumen with Integrated Extension Lines

8.5Fr x 20cm (8in)	with one 16Ga, one 14Ga & two 18Ga lumens, 18Ga catheter introducer	SA8FQ20

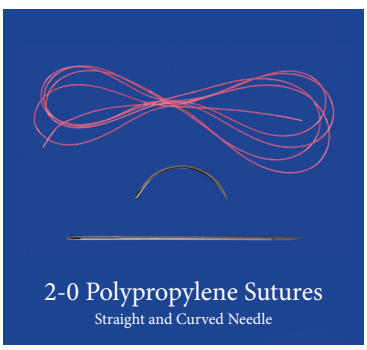
Long Term MILACATH® – Large Animal Kits using GUIDEWIRE INTRODUCTION

LARGE ANIMAL KITS include the following:



- Suture Wing(s)
- Suture Clamp(s)
- Guidewire inside Coiled Housing
- Dilator(s)
- Catheter-over-Needle Introducer(s)
- Size 15 Scalpel
- Catheter
- Needle Introducer*
- Extension Line(s) (Integrated** or Separate)
- 2-0 Polypropylene Suture with Curved Needle
- 2-0 Polypropylene Suture with Straight Needle
- Needle-Free Stasis Valves(s)
- Stemless Cap(s)

Gauze



2-0 Polypropylene Sutures
Straight and Curved Needle

Tethered cap (#8090) included in LA1615-2P, LA1620-2P, LA1415-2P, LA1420-2P instead of a stasis valve and stemless cap.

* Refer to description for kits that contain a needle introducer.

** Integrated extension lines include clamps.

Long Term MILACATH® – Large Animal Kits using GUIDEWIRE INTRODUCTION

Recommended indwell time up to 30 days.

Single Lumen with Integrated Extension Line - Antimicrobial

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

DESCRIPTION			ITEM #
16Ga (5Fr) x 11cm (4.5in)	with one 18Ga &16Ga catheter introducer, one16Ga needle introducer	FOALS	LA1611-A
16Ga (5Fr) x 15cm (6in)	with one 18Ga &16Ga catheter introducer, one16Ga needle introducer	FOALS	LA1615-A
16Ga (5Fr) x 20cm (8in)	with one 16Ga catheter introducer & one 16Ga needle introducer		LA1620-A
14Ga (6Fr) x 20cm (8in)	with one 14Ga catheter introducer & one 14Ga needle introducer		LA1420-A

Single Lumen with Integrated Extension Line

16Ga (5Fr) x 15cm (6in)	with one 18Ga &16Ga catheter introducer, one 16Ga needle introducer	FOALS	LA1615
16Ga (5Fr) x 20cm (8in)	with one 16Ga catheter introducer & one 16Ga needle introducer		LA1620
14Ga (6Fr) x 15cm (6in)	with one 14Ga catheter introducer & one 14Ga needle introducer		LA1415
14Ga (6Fr) x 20cm (8in)	with one 14Ga catheter introducer & one 14Ga needle introducer		LA1420
12Ga (8Fr) x 20cm (8in)	with one 14Ga catheter introducer & one 14Ga needle introducer		LA1220
BOVINE KIT INCLUDES: CATHETER, INTRODUCER, GUIDEWIRE, DILATOR, SUTURE WINGS WITH CLAMPS, STASIS VALVE AND CAP			
12Ga (8Fr) x 20cm (8in)	with one 14Ga needle introducer	BOVINE	B1220

Single Lumen with Separate Extension Line

16Ga (5Fr) x 15cm (6in)	with one 18Ga &16Ga catheter introducer, one16Ga needle introducer	FOALS	LA1615-2P
16Ga (5Fr) x 20cm (8in)	with one 16Ga catheter introducer & one 16Ga needle introducer		LA1620-2P
14Ga (6Fr) x 15cm (6in)	with one 14Ga catheter introducer & one 14Ga needle introducer		LA1415-2P
14Ga (6Fr) x 20cm (8in)	with one 14Ga catheter introducer & one 14Ga needle introducer		LA1420-2P

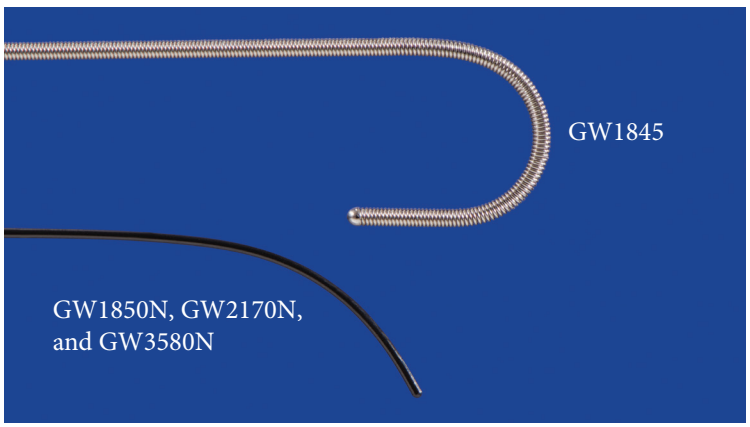
Double Lumen with Integrated Extension Line

7Fr x 15cm (6in)	with one 14Ga & one 18Ga lumen, choice of 14Ga & 16Ga introducers	LA7FD15
7Fr x 20cm (8in)	with one 14Ga & one 18Ga lumen, choice of 14Ga & 16Ga introducers	LA7FD20

Triple Lumen with Integrated Extension Line

7Fr x 15cm (6in)	with one 16Ga & two 18Ga lumens, choice of 16Ga introducers	LA7FT15

Guidewires



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

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

SMALL and LARGE ANIMAL KITS include the following:

Suture Wing(s)

Suture Clamp(s)

Size 11 Scalpel for Small Animal Kits
Size 15 Scalpel for Large Animal Kits

Catheter

Peel-Away Introducer

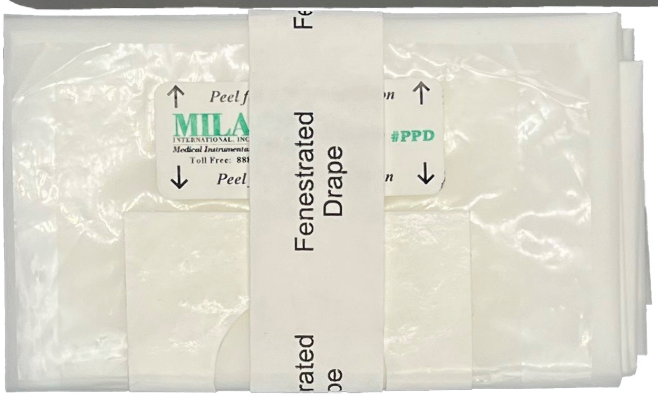
Extension Line(s)
(Integrated** or Separate)

Suture* with Curved Needle

Suture* with Straight Needle

Needle-Free Stasis Valves(s)

Stemless Cap(s)



Note: Fenestrated drape only contained in small animal kits.

Tethered cap (#8090) included in SA1615-2P-PI instead of a stasis valve and stemless cap.

* Small animal kits contain 3-0 nylon sutures.
Large animal kits contain 2-0 polypropylene sutures.

** Integrated extension lines include clamps.

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

Recommended indwell time up to 30 days.

SMALL ANIMAL Single Lumen

DESCRIPTION		ITEM #
19Ga (3.5Fr) x 15cm (6in)	with 4Fr x 1.5 inch peel-away introducer, no extension set	SA1915-PI
19Ga (3.5Fr) x 25cm (10in)	with 4Fr x 1.5 inch peel-away introducer, no extension set	SA1925-PI
16Ga (5Fr) x 15cm (6in)	with 5Fr x 2.5 inch peel-away introducer, separate extension line	SA1615-2P-PI

SMALL ANIMAL Double Lumen with Integrated Extension Line

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

LARGE ANIMAL Single Lumen with Integrated Extension Line

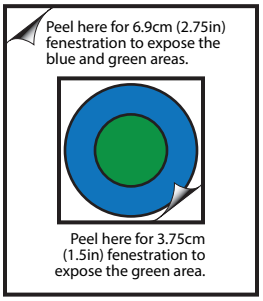
DESCRIPTION			ITEM #
16Ga (5Fr) x 15cm (6in)	with 5Fr x 1.5 inch peel-away introducer	FOALS	LA1615-PI
16Ga (5Fr) x 20cm (8in)	with 5Fr x 2.5 inch peel-away introducer		LA1620-PI
14Ga (6Fr) x 20cm (8in)	with 6Fr x 1.5 inch peel-away introducer		LA1420-PI

Pick & Peel Surgical Drape

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

- Adhesive apertures.
- Sterile, impervious, translucent film.
- Provides superb translucent protection from fluids with optimal drapeability.
- Great for keeping patients clean and dry during DENTAL PROCEDURES. Simply put the snout through the fenestration.

ITEM #		PPD
ITEM #	Better Value	PPD10 (10 Pack)



Peel-Away Introducers

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

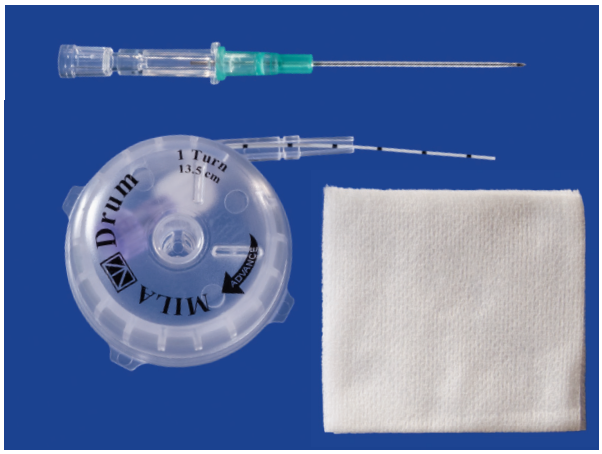
DESCRIPTION	ITEM #
3Fr (20Ga) x 3.75cm (1.5in)	4203
4Fr (18Ga) x 3.75cm (1.5in)	4204
5Fr (16Ga) x 3.75cm (1.5in)	4205.5
5Fr (16Ga) x 6.25cm (2.5in)	4205
6Fr (14Ga) x 3.75cm (1.5in)	4206.5
6Fr (14Ga) x 6.25cm (2.5in)	4206

Drum Long Line Catheter

Catheter-through-Catheter Introduction Style

Recommended indwell time up to 30 days.

- Recommended for administration of vesicant drugs (hypertonic solutions, chemotherapeutics, vasopressors, etc.)
- The drum houses the long catheter and is an advancement system designed to minimize the risk of touch contamination.
- Introduction technique: Long catheter through introducer catheter.
- The INTRODUCER CATHETER REMAINS INDWELLING and the long catheter hub screws onto the introducer catheter hub. Since the introducer catheter remains indwelling, the long catheter can be easily replaced through the same introducer, avoiding another needle stick.
- Long catheter material is radiopaque, kink-resistant polyurethane.
- Kit includes catheter-over-needle introducer, a long catheter with stiffening wire, drum and gauze.



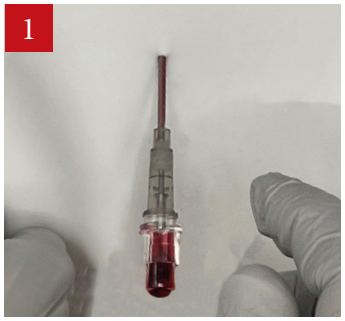
IDEAL FOR:

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

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

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

1

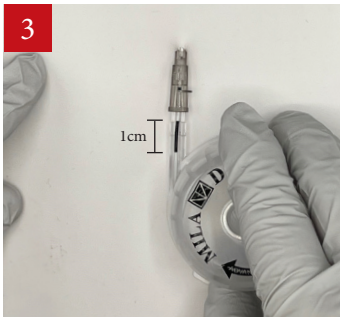


Insert introducer catheter into vessel. Remove needle.

2

Insert tip of drum into catheter hub.

3



Rotate wheel clockwise to advance the long catheter until resistance is met OR the long black mark appears.

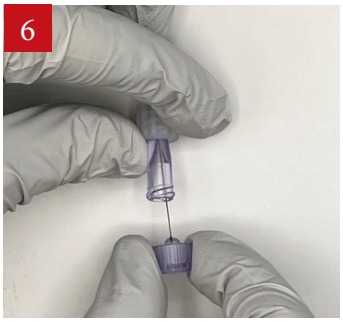
4

Gently pop open the drum.

5

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

6

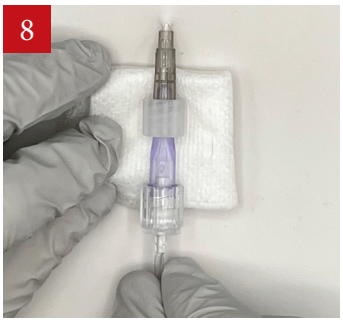


Remove stiffening stylet from long catheter.

7

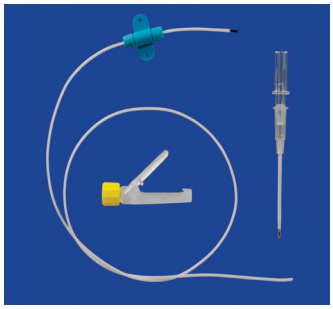
Confirm placement by aspiration of blood, then attach a stasis valve or extension set and flush.

8



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

Long Line Catheters
Catheter-through-Catheter Introduction Style

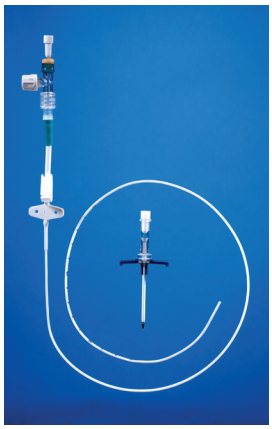


- Long term radiopaque catheter for venous access.
- Kink-resistant polyurethane catheter can be cut to desired length.
- Female luer lock is placed onto long catheter after insertion into vessel, after the introducer catheter has been removed.
- Moveable wing provides method of secure attachment.
-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

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

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

PICC - Silicone Catheter Kit
Catheter-through-Peel-Away Introducer



- PICC - Peripherally Inserted Central Catheter.
- 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 #
1.9Fr (23Ga) x 40cm (16in) Single Lumen	3240
3Fr (20Ga) x 60cm (24in) Single Lumen	3360
4Fr (18Ga) x 60cm (24in) Single Lumen	3460
5Fr (16Ga) x 60cm (24in) Single Lumen	3560
5Fr x 60cm (24in) Double Lumen (2-18Ga)	3565

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

EZ-IO®
Intraosseous Catheter Kit

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

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

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

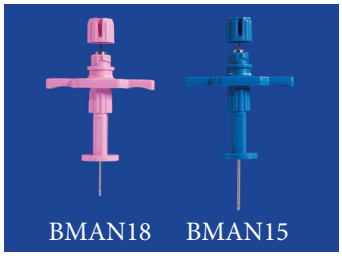
"We have found the EZIO very useful for patient care in our Emergency and Critical Care Department. It is easy to use and we train our students, staff, house officers and faculty on clinical indications."

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

Manual Bone Marrow Needle

Length Adjustable

- 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 #
18Ga x 2cm (.78in) - Pink	BMAN18
15Ga x 3cm (1.25in) - Blue	BMAN15

Veincath Catheters
Catheter-through-Needle Introduction Style

- Innovative replacement for the VenoCath.™
- 20Ga x 30cm (12in) catheter with 18Ga introducer
- Protective pouch to aseptically advance catheter with stylet.
- After catheter is placed, the needle is safely discarded before easy attachment of the female luer.
- Radiopaque.
- Economical.

ITEM #	V2030

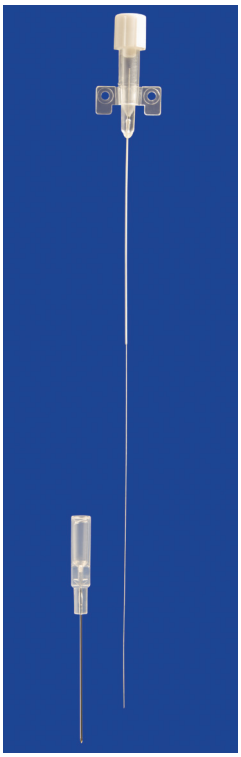
Pick & Peel Drape recommended for sterile field, see page 13.

Arterial Catheter

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

ITEM #	AR2206

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

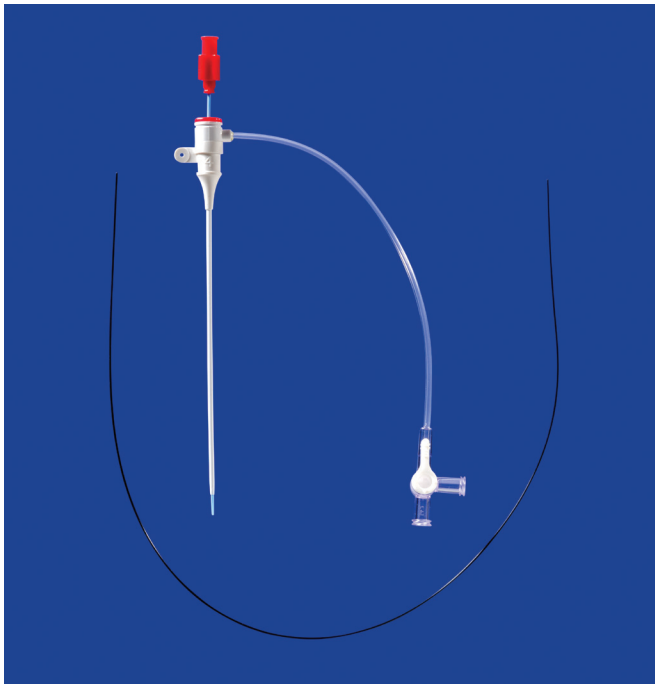


Introducer Sheaths with Hemostasis Valve

- Vascular access introducer sheath with hemostasis valve.
- Complete hemostasis during insertion and withdrawal of devices.
- Quarter-turn-screw dilator locking system ensures the smooth transition from dilator to sheath and stabilizes the dilator.
- Includes sheath, dilator, and 45cm hydrophilic coated nitinol wire with angled tip.

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

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



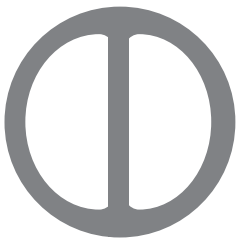
Hemodialysis Catheter Kit

- Two D-shaped lumens for optimal, high blood flow rates.
- Soft polyurethane catheter designed to minimize catheter kinking.
- Flexible tip design for ease of placement and to minimize risk of vascular trauma.
- Silicone extension lines for improved durability during repeated clamping.
- Staggered exit ports designed to reduce recirculation.
- Moveable clamp allows for anchorage at the incision site, regardless of catheter indwell length.
- Rotating suture wing.
- Kit includes a double lumen polyurethane catheter with silicone extension lines, guidewire, dilator, drape, scalpel, introducer, suture, suture wing, male caps and gauze.

DESCRIPTION	ITEM #
7Fr x 16cm (6.3in)	HDL716
8Fr x 16cm (6.3in)	HDL816
12Fr x 16cm (6.3in)	HDL1216
12Fr x 25cm (10in)	HDL1225

Hemodialysis Catheter Kit

Unique blend of thicker walls combined with a double D cross section for maximum flow rates with significant resistance to kinking.



NEW

MILA Guardian™

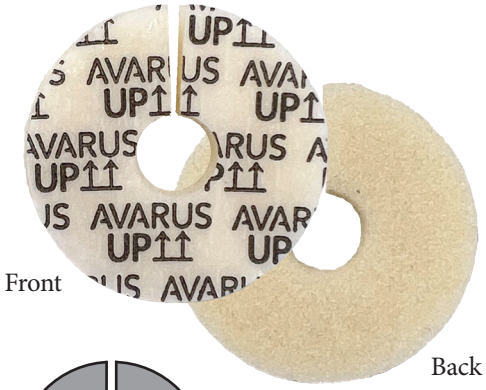
Chlorhexidine-Impregnated Protective Foam Disc

Ideal for Drains, Esophagostomy Tubes and Hemodialysis Catheters

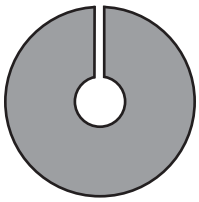
CLINICALLY PROVEN TO REDUCE THE RISK OF CATHETER-RELATED INFECTIONS

- Chlorhexidine dressing with 360° of skin antisepsis protects the entire insertion site of percutaneous devices.
- Designed to reduce risk of infection by absorbing exudate and inhibiting or killing bacteria.
- 1 inch (2.54cm) diameter with 7mm center opening and radial slit for easy placement.
- Each disc provides 7 DAYS of protection.

ITEM #	DR7


Front

Back


Actual Size

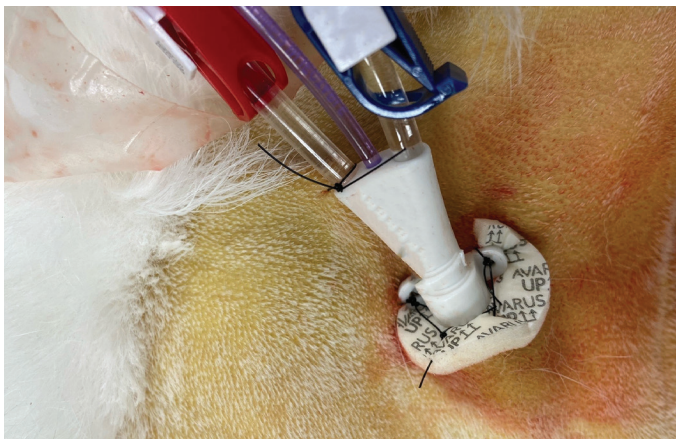


Photo courtesy of Carolyn Tai, CVT, VTS (ECC) (SAIM), Tufts University

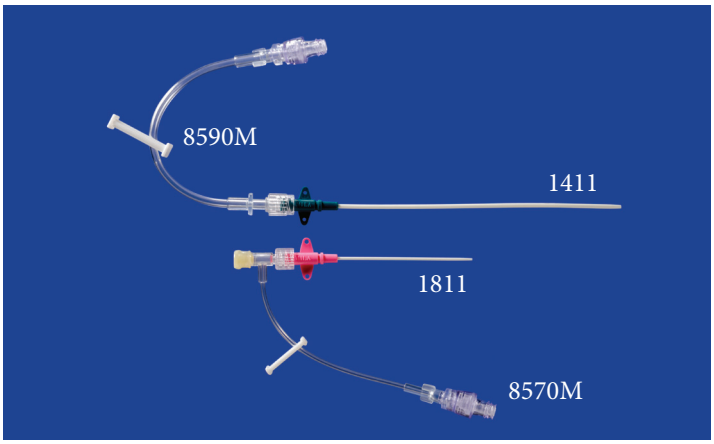
Extended Use MILACATH®

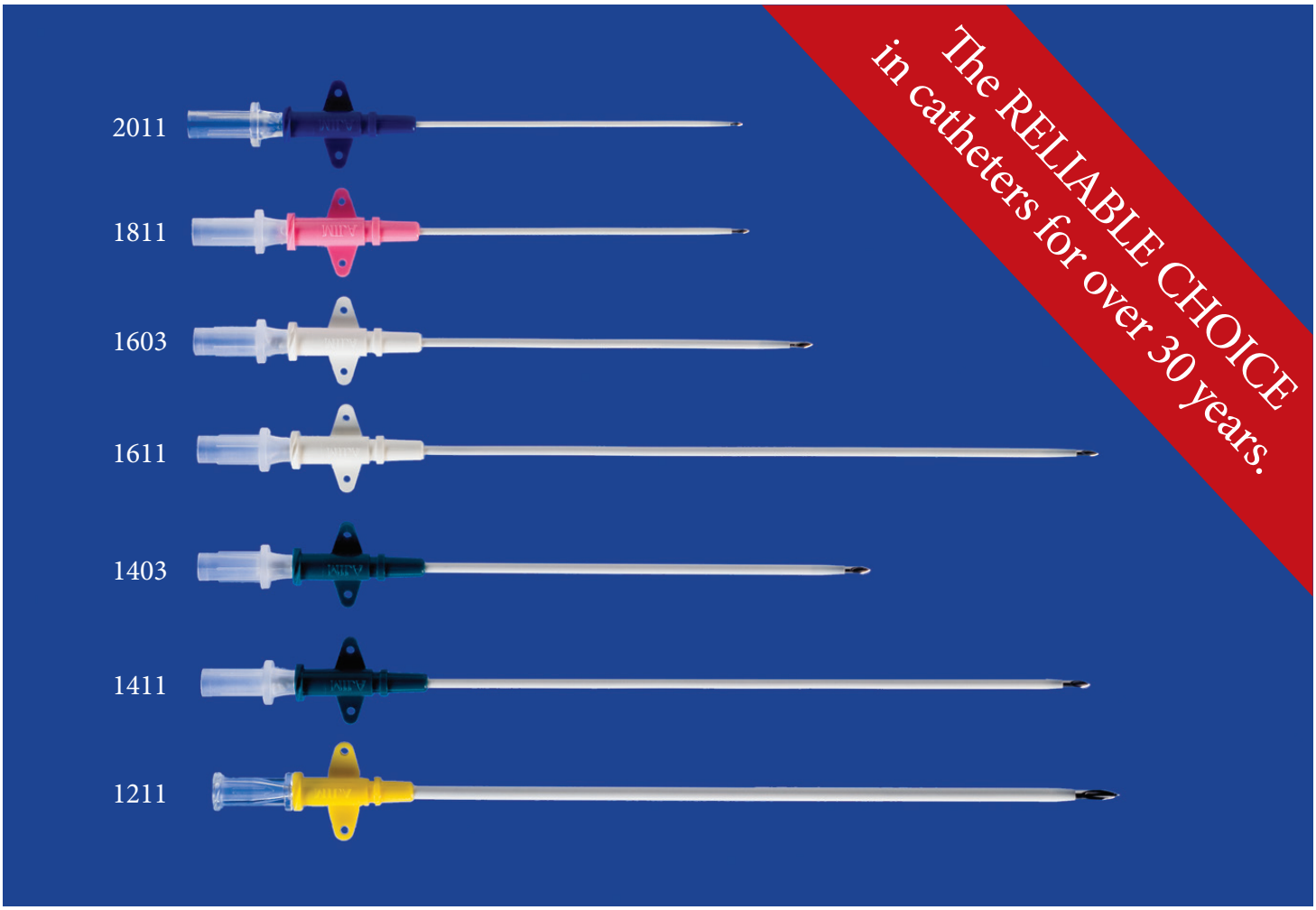
Catheter-over-Needle Introduction Style

Recommended indwell time up to 30 days.

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

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





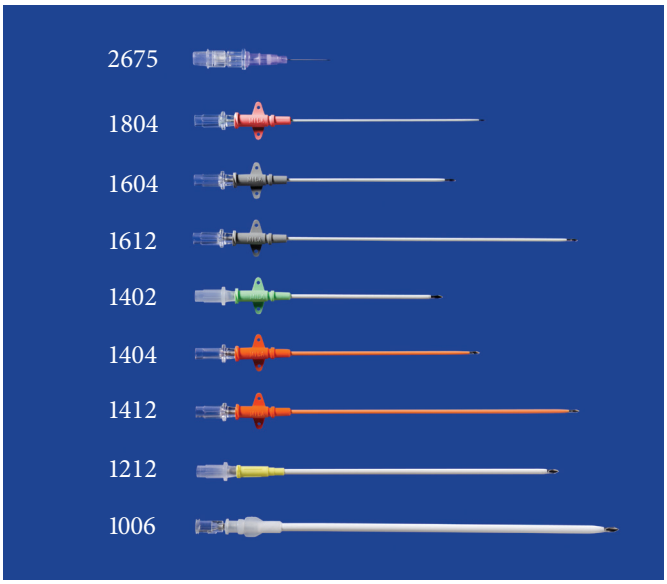
See pages 21-29 for extension sets and ports.

Short Term MILACATH®

Recommended for up to 24 hour use.

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

DESCRIPTION	ITEM #
26Ga x 20mm (.75in)	2675
18Ga x 9cm (3.5in)	1804
16Ga x 7.5cm (3in)	1604
16Ga x 13cm (5.25in)	1612
14Ga x 7cm (2.75in)	1402
14Ga x 9cm (3.5in)	1404
14Ga x 13cm (5.25in)	1412
12Ga x 13cm (5.25in)	1212
10Ga x 15cm (6in) is polyethylene	1006

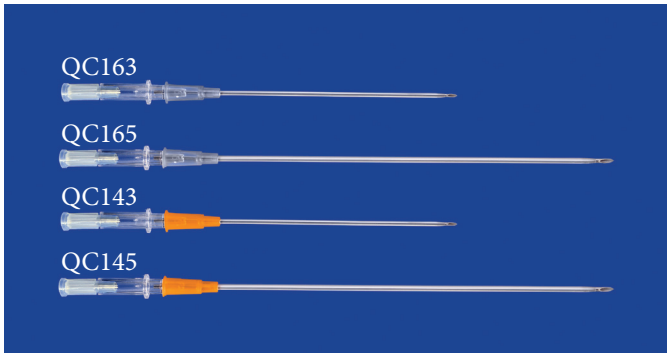


Short Term Quicky Cath™

Recommended for up to 24 hour use.

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

DESCRIPTION	ITEM #
16Ga x 8.25cm (3.25in)	QC163
16Ga x 14cm (5.5in)	QC165
14Ga x 8.25cm (3.25in)	QC143
14Ga x 14cm (5.5in)	QC145



Filter vent plug included on all catheters.

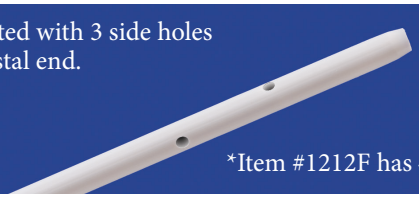
Fenestrated Catheters

Recommended for up to 24 hour use.

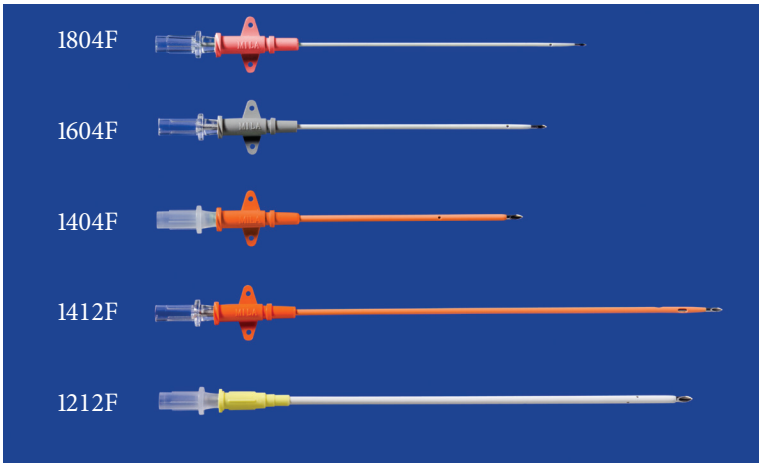
Catheter-over-needle style with smooth transition from needle to catheter, featuring additional fenestrations.

DESCRIPTION	ITEM #
18Ga x 9cm (3.5in)	1804F
16Ga x 7.5cm (3in)	1604F
14Ga x 9cm (3.5in)	1404F
14Ga x 13cm (5.25in)	1412F
12Ga x 13cm (5.25in)	1212F*

Fenestrated with 3 side holes at the distal end.



*Item #1212F has 4 side holes.



Kinder to the patient.
Save time and money.

Peripheral IV Catheters

- Smooth transition from needle to catheter reduces burring and wasted sticks.
- Superior needle sharpness reduces tissue trauma and pain, making it kinder to the patient.
- Clear, large volume CLOSED chamber allows for immediate indication of vessel entry.
- Radiopaque Teflon material
- Filter vent plug prevents blood loss during insertion and can also be used to temporarily cap the IV catheter prior to securing an extension set.
- Sold individually or in boxes of 50

DESCRIPTION	ITEM #
26Ga x 20mm (0.75in)	IV2619
24Ga x 20mm (0.75in)	IV2419
22Ga x 25mm (1in)	IV2225
20Ga x 25mm (1in)	IV2025
20Ga x 30mm (1.25in)	IV2032
18Ga x 30mm (1.25in)	IV1832
18Ga x 48mm (1.88in)	IV1848

Filter vent plug included on all catheters.

Introcan Safety® Peripheral IV 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 tab on hub for smooth insertion.
- Closed flashback chamber.
- Sold individually or in boxes of 50.

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

Safety clip automatically deploys when needle is retracted.

Injection Ports/Stasis Valve

FEATURE	Item #8200*	Item #8098	Item #8095	Item #8080
The 8200 stasis valve is recommended for ALL APPLICATIONS to reduce confusion about which style to use.				
Needle-Free	✔	✔	✔	
Swabable	✔	✔		
Neutral Displacement	✔			
Clear	✔	✔	✔	
Bi-Directional	✔	✔	✔	
Approved for Saline Flush	✔	✔		
High Flow	✔		✔	
Normally Closed	✔	✔	✔	✔

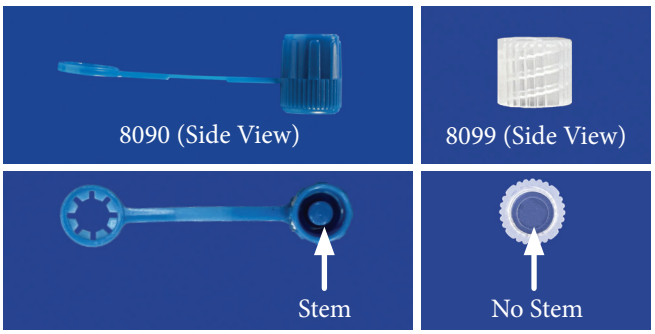
- #8200 - Stasis Valve (Neutral Displacement Injection Port) is a needle-free connector that prevents blood reflux into the catheter, reducing the risk of occlusion and eliminating the need to clamp the line when not in use. The saline flush option reduces risk, cost and time associated with heparin use (heparin not required). Allows for higher flow rate than the MicroClave®.
- #8098 - MicroClave® is a normally closed, needle-free connector. Labeled for saline flush (heparin not required).
- #8095 - Normally closed valve is needle-free for direct attachment of an IV line or syringe. Includes a tethered cap (Item #8090).
- #8080 - Safety Injection Port has a built-in stop to prevent accidental needle sticks.

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

Caps

- Tethered Cap (Item #8090) attaches to the catheter or extension hub to cover the injection port. Not for stasis valves or MicroClaves® because it has a stem that keeps the valve open.
- Stemless Luer Lock Cap (Item #8099) 10 pack, non-sterile. Keeps injection ports clean without opening the valve. Works with all injection ports, including stasis valves.

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

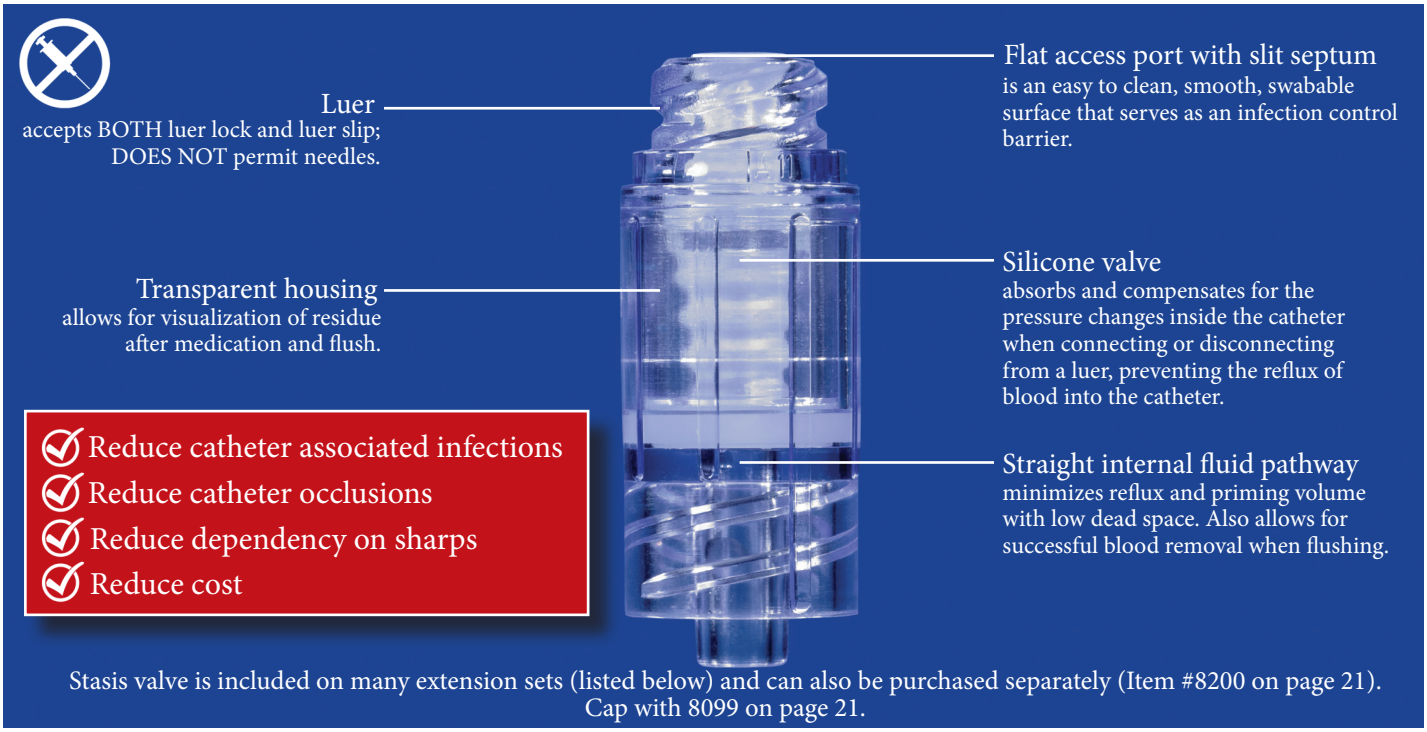


Needle-Free Connectors

THINK SWABABLE

Stasis Valve (Neutral Displacement Injection Port)

- Helps to maintain catheter patency by preventing blood reflux and associated clotting at the catheter tip when a syringe or line is disconnected.
- Clear, closed, NEEDLE-FREE valve with a swabable top for easy disinfecting.
- NO CLAMPING REQUIRED to control valve -induced reflux.
- HEPARIN NOT REQUIRED. Saline flush option reduces risk, cost and time associated with heparin use.
- Use in place of a three-way stopcock on chest tubes.

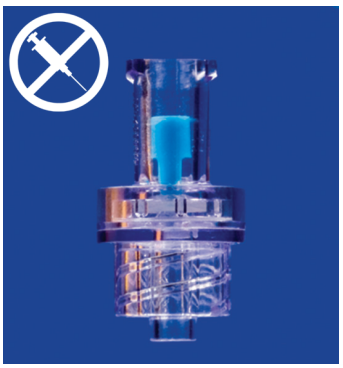


Stasis valve is included on many extension sets (listed below) and can also be purchased separately (Item #8200 on page 21). Cap with 8099 on page 21.

Item numbers that include this feature: 8518M, 8530M, 8550M, 8570M, 8572M, 8573M, 8574M, 8575M, 8576M, 8577M, 8584M, 8585M, 8587M, 8590M and 8590MS.

Normally Closed Valve

- Luer activated valve is needle-free and bi-directional for infusion and sampling.
- Cap with 8090 or 8099. See page 21.



Normally Closed Valve can also be purchased separately (Item #8095 on page 21).

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

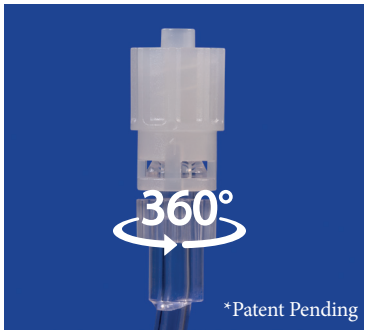
MicroClave®

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

MicroClave® can also be purchased separately (Item #8098 on page 21).

Item numbers that include this feature: MC40, MC43 and MC44.

Male Connections

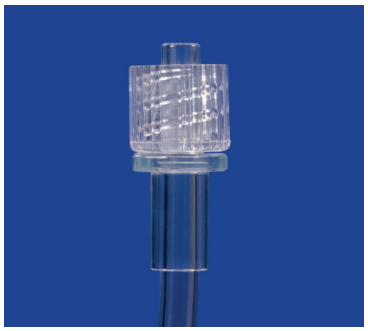


*Patent Pending

360° Spinner Luer Lock*

- 360° spinning luer lock hub resists twisting and kinking of the catheter during patient movement.
- Helps prevent catheter disconnects by allowing the extension line to spin freely 360°when connected to a catheter. Avoids accidental unscrewing.
- Allows extension set to attach to catheter in any position while leaving the suture wings flat against the patient.

Item numbers that include this feature: 8518M, 8530M, 8550M, 8585M, 8587M, 8590S, 8590MS, 8700 and 8718.



Rotating Male Luer Lock

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

Item numbers that include this feature: 175480, 2408, 8515, 8518, 8540, 8541, 8545, 8560, 8570, 8570M, 8572, 8572M, 8574M, 8575, 8575M, 8577M, 8584M, 8585, 8590, 8590M, 8671, FTE60, MC40, MC43, MC44, UVB10 and UVB60.

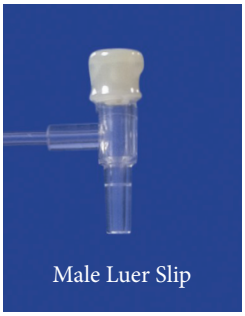
Tethered Cap

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

Item numbers that include this feature: 8518M, 8530M, 8550M, 8570M, 8572M, 8573M, 8574M, 8575M, 8576M, 8577M, 8584M, 8585M, 8587M, 8590M and 8590MS.

Needle Injection Ports

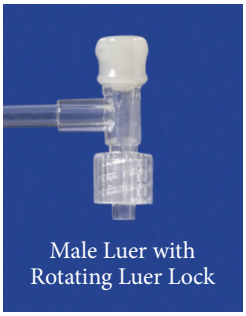
Injection Port with Male Luer Slip


Male Luer Slip

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

Item numbers that include this feature: 8573M and 8576M.

Injection Port with Male Luer Lock


Male Luer with Rotating Luer Lock

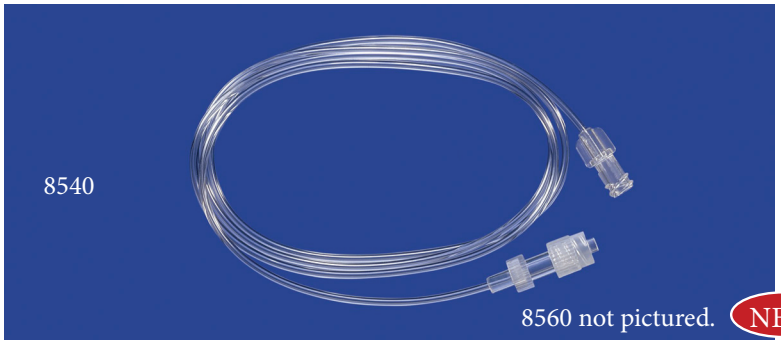
- Rubber septum for use with needles for injection.
- Luer lock has a twisting collar that locks the luer in place.

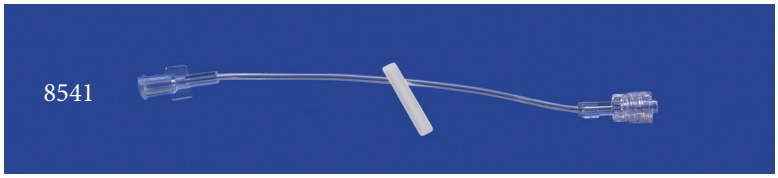
Item numbers that include this feature: 8545, 8570, 8570M, 8572, 8572M, 8575, 8575M, 8577M and MC40.

Straight Extension Sets - Mini Bore & Small Bore

T Sets on page 26

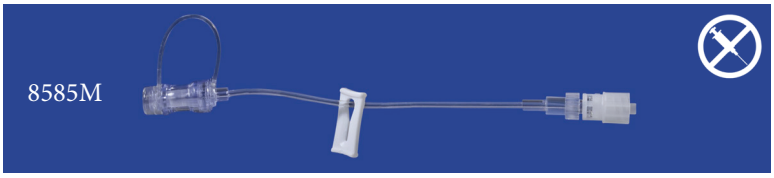
Mini Bore - 20 Gauge

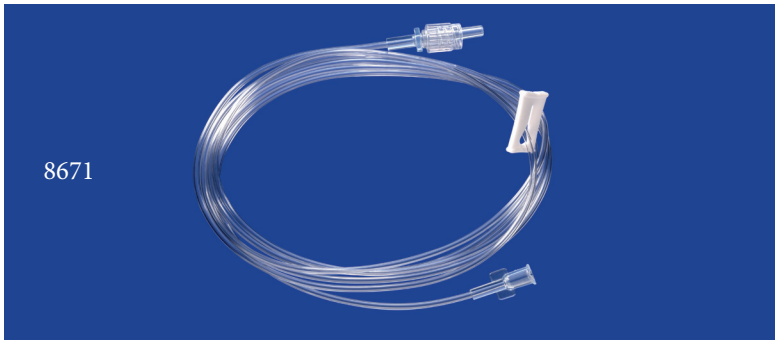




DESCRIPTION	ITEM #
Straight Extension Set with Female Luer and Rotating Male Luer Lock.	
20Ga x 100cm (40in), Priming Volume = 0.5ml	8540
20Ga x 152cm (60in), Priming Volume = 0.8ml	8560
Straight Extension Set with Female Luer, Clamp, Rotating Male Luer Lock.	
20Ga x 15cm (6in), Priming Volume = 0.3ml	8541

Small Bore - 16 Gauge



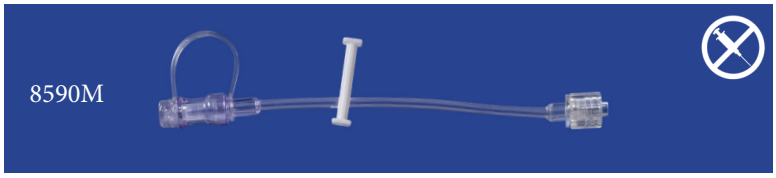


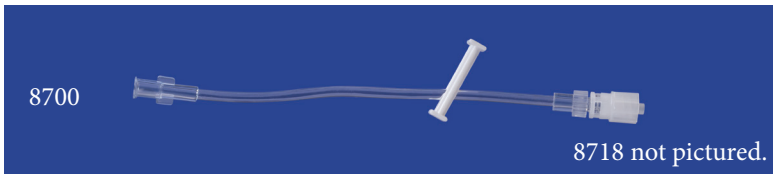
DESCRIPTION	ITEM #
Straight Extension Set with Stasis Valve, Tethered Cap, Clamp, 360° Spinner	
16Ga x 18cm (7in), Priming Volume = 0.4ml	8585M
Straight Extension Set with Normally Closed Valve, Rotating Male Luer Lock	
16Ga x 18cm (7in), Priming Volume = 0.3ml	8585
Straight Extension Set with Female Luer, Clamp and Rotating Male Luer Lock.	
16Ga x 180cm (71in), Priming Volume = 2.4ml	8671

Straight Extension Sets - Large Bore

T Sets on page 27

Large Bore - 13 Gauge



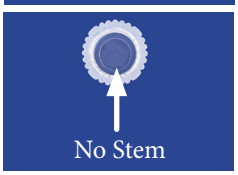


DESCRIPTION	ITEM #
Straight Extension Set with Normally Closed Valve and Rotating Male Luer Lock	
13Ga x 19cm (7.5in), Priming Volume = 1.3ml	8590
13Ga x 46.5cm (18in), Priming Volume = 2.5ml	8518
Straight Extension Set with Normally Closed Valve and 360° Spinner	
13Ga x 19cm (7.5in), Priming Volume = 1.1ml	8590S
Straight Extension Set with Stasis Valve, Tethered Cap, Clamp, 360° Spinner	
13Ga x 18cm (7in), Priming Volume = 0.9ml	8590MS
13Ga x 45cm (18in), Priming Volume = 2.8ml	8518M
13Ga x 76cm (30in), Priming Volume = 4.6ml	8530M
Straight Extension Set with Stasis Valve, Tethered Cap, Clamp, Rotating Male Luer Lock	
13Ga x 18cm (7in), Priming Volume = 1.0ml	8590M
Straight Extension Set with Female Luer, Clamp, 360° Spinner	
13Ga x 18cm (7in), Priming Volume = 1.0ml	8700
13Ga x 46cm (18in), Priming Volume = 2.7ml	8718

Caps

- Tethered Cap (Item #8090) attaches to the catheter or extension hub to cover the injection port. Not for stasis valves or MicroClaves® because it has a stem that keeps the valve open.
- Stemless Luer Lock Cap (Item #8099) 10 pack, non-sterile. Keeps injection ports clean without opening the valve. Works with all injection ports, including stasis valves.

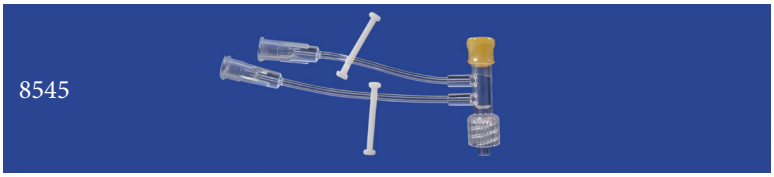
DESCRIPTION		ITEM #
Tethered Cap		8090
Stemless Luer Lock Cap	(10 pack)	8099

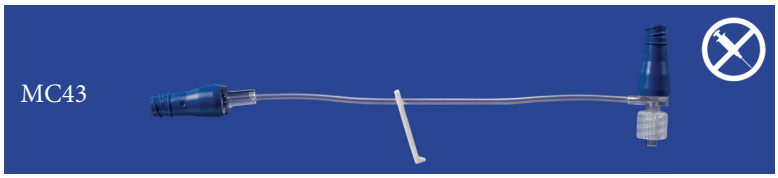


T Extension Sets - Mini Bore & Small Bore

2, 3 & 4 Port Sets on page 28

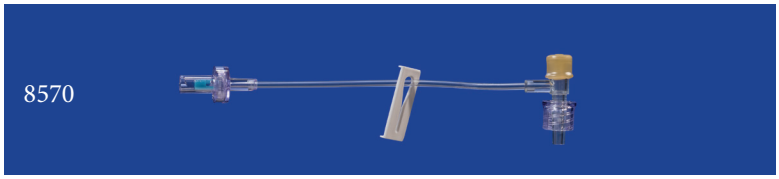
Mini Bore - 18 & 20 Gauge

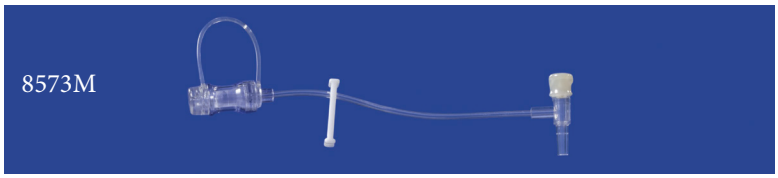


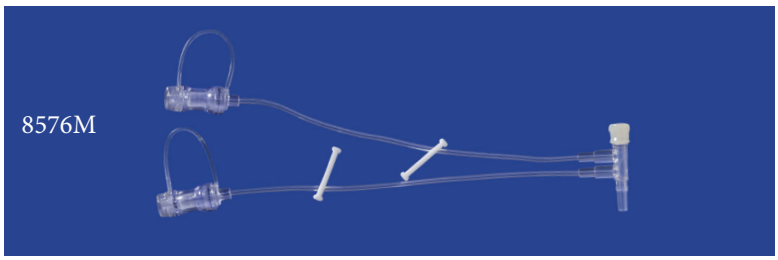


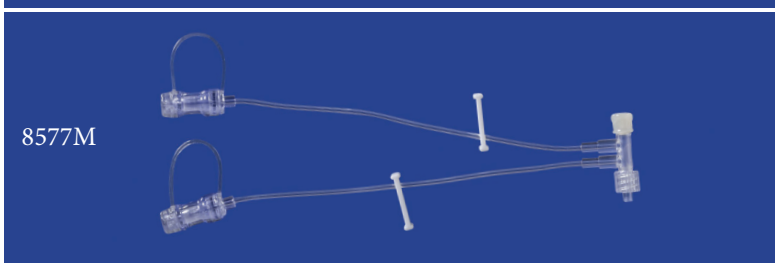
DESCRIPTION	ITEM #
Double T Extension Set with 2 Female Luers, 2 Clamps, Injection Site and Rotating Male Luer Lock. 20Ga x 8cm (3in), Priming Volume = 0.2ml per lumen	8545
T Extension Set with MicroClave®, Clamp, Injection Site, Rotating Male Luer Lock 18cm/7in length, Priming Volume = 0.28ml	MC40
T Extension Set with 2 MicroClaves®, Clamp, Rotating Male Luer Lock 18cm/7in length, Priming Volume = 0.34ml	MC43

Small Bore - 16 Gauge







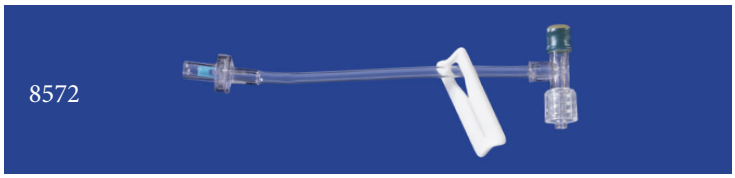


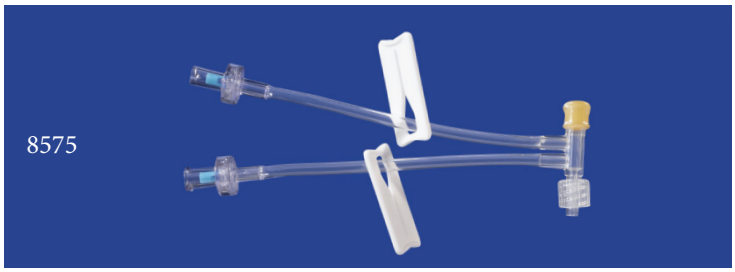
DESCRIPTION	ITEM #
T Extension Set with Normally Closed Valve, Clamp, Injection Site, Rotating Male Luer Lock 16Ga x 13cm (5in), Priming Volume = 0.3ml	8570
T Extension Set with Stasis Valve, Tethered Cap, Clamp, Injection Site, Rotating Male Luer Lock 16Ga x 18cm (7in), Priming Volume = 0.4ml	8570M
T Extension Set with Stasis Valve, Tethered Cap, Clamp, Injection Site, Luer Slip 16Ga x 18cm (7in), Priming Volume = 0.4ml	8573M
Double T Extension Set with 2 Stasis Valves, 2 Tethered Caps, 2 Clamps, Injection Site, Luer Slip 16Ga x 20cm (8in), Priming Volume = 0.9ml per lumen	8576M
Double T Extension Set with 2 Stasis Valves, 2 Tethered Caps, 2 Clamps, Injection Site, Rotating Male Luer Lock 16Ga x 20cm (8in), Priming Volume = 0.9ml per lumen	8577M

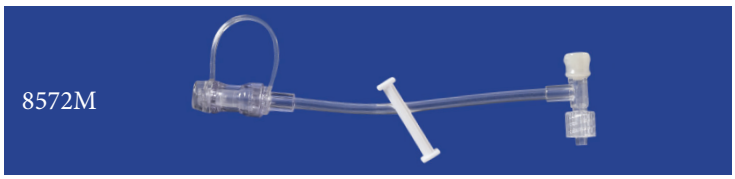
T Extension Sets - Large Bore

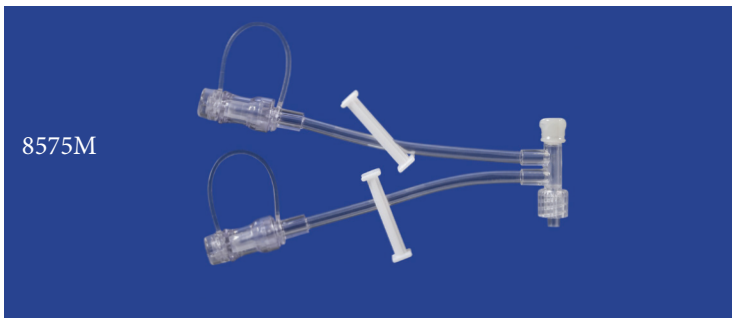
2, 3 & 4 Port Sets on page 28

Large Bore - 12 Gauge







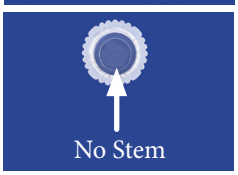


DESCRIPTION	ITEM #
T Extension Set with Normally Closed Valve, Clamp, Injection Site, Rotating Male Luer Lock 12Ga x 13cm (5in), Priming Volume = 0.9ml	8572
Double T Extension Set with 2 Normally Closed Valves, 2 Clamps, Injection Site, Rotating Male Luer Lock 12Ga x 13cm (5in), Priming Volume = 0.9ml per lumen	8575
T Extension Set with Stasis Valve, Tethered Cap, Clamp, Injection Site, Rotating Male Luer Lock 12Ga x 13cm (5in), Priming Volume = 0.9ml	8572M
Double T Extension Set with 2 Stasis Valves, 2 Tethered Caps, 2 Clamps, Injection Site, Rotating Male Luer Lock 12Ga x 13cm (5in), Priming Volume = 0.9ml per lumen	8575M

Caps

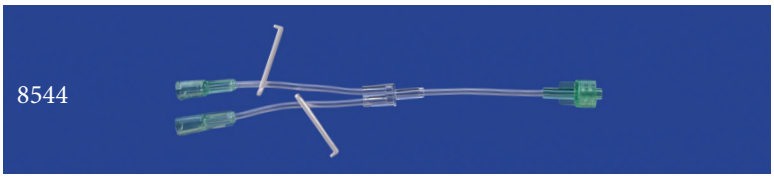
- Tethered Cap (Item #8090) attaches to the catheter or extension hub to cover the injection port. Not for stasis valves or MicroClaves® because it has a stem that keeps the valve open.
- Stemless Luer Lock Cap (Item #8099) 10 pack, non-sterile. Keeps injection ports clean without opening the valve. Works with all injection ports, including stasis valves.

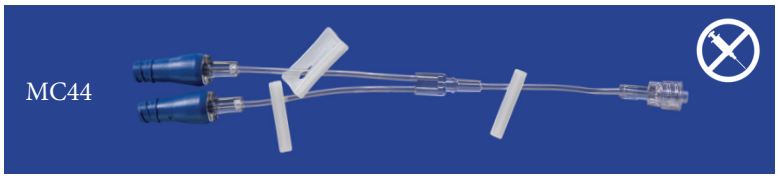
DESCRIPTION		ITEM #
Tethered Cap		8090
Stemless Luer Lock Cap	(10 pack)	8099



2, 3 and 4 Port Extension Sets - Mini Bore, Small Bore & Large Bore

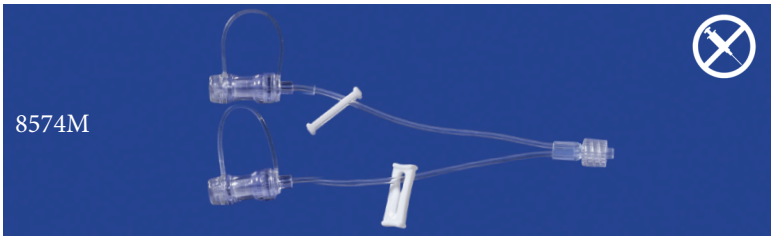
Mini Bore - 18 & 20 Gauge





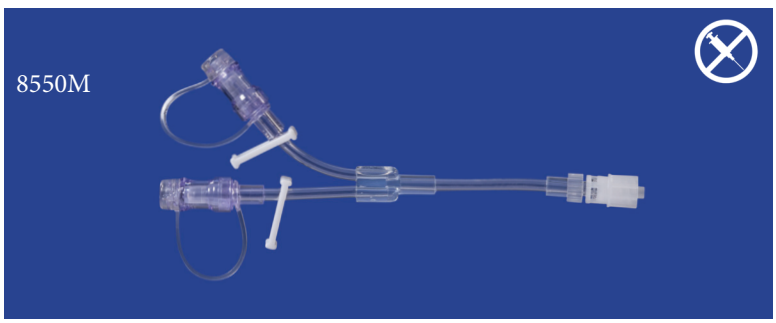
DESCRIPTION	ITEM #
Mini Bore Bifuse Y Extension Set with 2 Female Luers, 2 Clamps, Male Luer Lock 20Ga x 15cm (6in), Priming Volume = 0.2ml per lumen	8544
Bifuse Y-Extension Set with 2 MicroClaves,® 3 Clamps, Rotating Male Luer Lock 18cm/7in length, Priming Volume = 0.1ml per lumen	MC44

Small Bore - 16 Gauge



DESCRIPTION	ITEM #
Bifuse Y Extension Set with 2 Stasis Valves, 2 Tethered Caps, 2 Clamps, Rotating Male Luer Lock 16Ga x 13cm (5in), Priming Volume = 0.5ml per lumen	8574M
Trifuse Extension Set with 3 Stasis Valves, 3 Tethered Caps 3 Clamps, Rotating Male Luer Lock 16Ga x 10cm (4in), Priming Volume = 0.18ml per lumen	8584M
Quadfuse Extension Set with 4 Stasis Valves, 4 Tethered Caps, 4 Clamps, 360° Spinner 16Ga x 15cm (6in), Priming Volume = 0.25ml per lumen	8587M

Large Bore - 12 Gauge

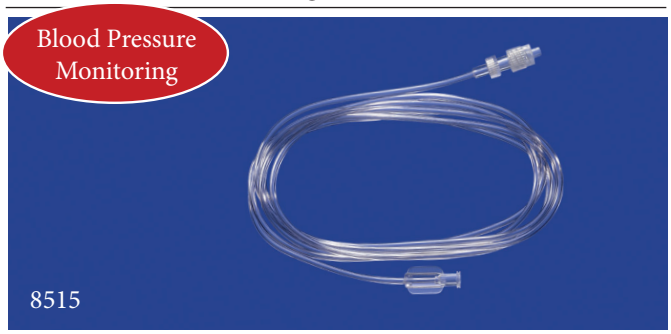


DESCRIPTION	ITEM #
Bifuse Y Extension Set with 2 Stasis Valves, 2 Tethered Caps, 2 Clamps, 360° Spinner 12Ga x 15cm (6in), Priming Volume = 0.9ml	8550M

Special Use Extension Sets

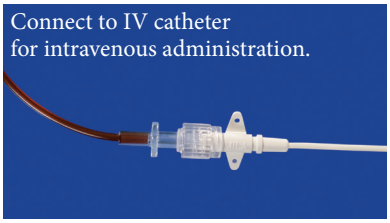
Pressure Monitoring Extension Set

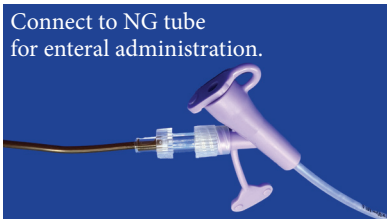
DESCRIPTION	ITEM #
Small Bore Pressure Monitoring Extension Straight Set with Female Luer and Rotating Male Luer Lock. 16Ga x 180cm (72in), Priming Volume = 3.3ml	8515



UV Blocking Extension Sets

DESCRIPTION	ITEM #
Mini Bore UV Blocking Extension Set with Female Luer, Clamp, Rotating Male Luer Lock	
23Ga x 25cm (10in), Priming Volume = 0.2ml	UVB10
23Ga x 152cm (60in), Priming Volume = 0.65ml	UVB60
1000ml UV Blocking Medication Bag Covers (10 pack)	UVB-B





Extension Set with Three-Way Stopcock

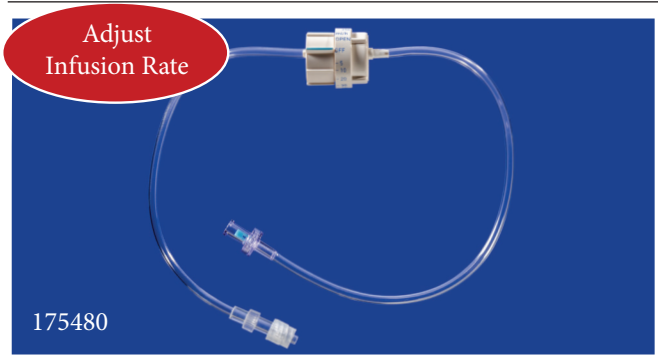
DESCRIPTION	ITEM #
Large Bore Straight Extension Set with Three-way Stopcock and Rotating Male Luer Lock. 13Ga x 20cm (7.9in), Priming Volume = 1.8ml	2408

Feeding Tube Extension Set

DESCRIPTION	ITEM #
Large Bore Feeding Tube Extension Set with Rotating Male Luer Lock, Clamp and Female Luer. Color coded purple for feeding. 13Ga x152cm (60in), Priming Volume = 9.4ml	FTE60

Extension Set with Fluid Control Dial

DESCRIPTION	ITEM #
Easily adjust infusion rate from 10ml/hour up to 350ml/hour when used with a gravity system. When used with a pressurized system, flow is four times faster. Length is 45cm (18in), Priming Volume = 3.0ml	175480



Dispensing Pins

Locking Vial Spike with Microclave and Vent

- BEST PRACTICE – Preserve integrity and sterility of medication in vial because aspirated room air is filtered.
- Save time and money.
- Puncture vial only once for multiple withdrawals or injections.
- NEEDLE-FREE, Swabable
- Operate with any luer syringe.
- Clamps onto the vial, eliminates pulling against a vacuum because aspirated medicine is replaced in the vial by filtered air.

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

Vial Spike with Microclave

- BEST PRACTICE – Preserve integrity and sterility of medication in vial.
- Save time and money.
- Puncture vial only once for multiple withdrawals or injections.
- NEEDLE-FREE, Swabable
- Operate with any luer syringe.

DESCRIPTION	ITEM #
Vial Spike with Needle-Free Valve	PIN2

IV Bag Access with Microclave

- BEST PRACTICE – Preserve integrity and sterility of medication in bag.
- Save time and money.
- Spike the bag only once for multiple withdrawals or additives.
- NEEDLE-FREE, Swabable
- Operate with any luer syringe.
- **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.**

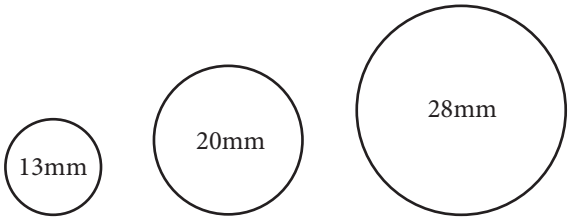
DESCRIPTION	ITEM #
IV Bag Access with Needle-Free Valve	PIN3

All NEEDLE-FREE and SWABABLE

Vial Adapters

- 99.99% protection against aerosols and vapors
- Low residual
- Multi-use with drip-free connector
- NEEDLE-FREE, Swabable.
- Operate with any luer syringe.
- Vented with dual pathway non-coring plastic spike and pressure equalization with 0.2 micron one way filter

DESCRIPTION	ITEM #
13mm vial , Priming Volume = 0.10ml	PIN13
20mm vial , Priming Volume = 0.10ml	PIN20
28mm vial , Priming Volume = 0.10ml	PIN28



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

Vial Adapters for ONCOLOGY

- Functions as a pressure equalization device, utilizing a sealed expansion chamber that establishes and maintains neutral pressure when air or diluent is injected into or aspirated from the vial.
- Connects to 13mm and 20mm vials. Permanently locks on to the vial to prevent disconnection and reduces exposure.
- Use any luer lock syringe to access the vial. No need to prime syringe with non-filtered air.
- Drip free connection
- NEEDLE-FREE, Swabable

DESCRIPTION	ITEM #
13mm vial , Priming Volume = 0.10ml	12-009
20mm vial , Priming Volume = 0.10ml	12-010

Additional oncology products on pages 82-84.

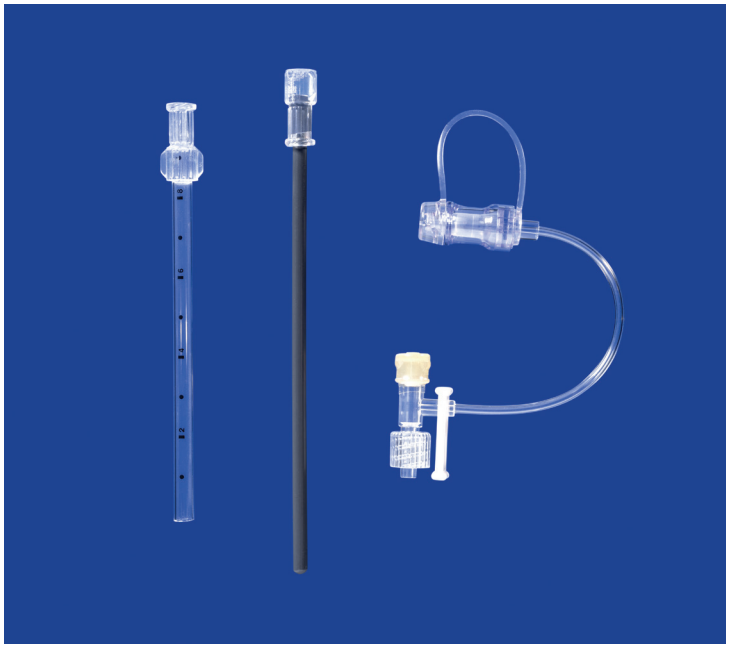
Shores-Little **Cerebral** Biopsy Device

Designed to obtain quality biopsies from deep or superficial cerebral structures.

- Includes biopsy sleeve, stylet, extension set and 5cc syringe.
- Placement is guided by intraoperative ultrasound imaging or direct visualization of the target tissue.
- Sterile, single use

DESCRIPTION	ITEM #
16Fr x 10.5cm (4.1in)	SLCBD1

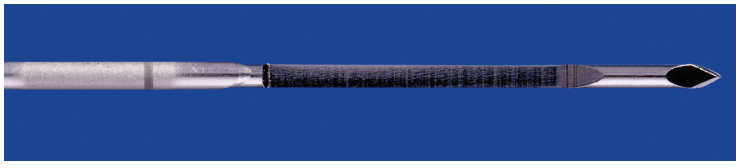
Andy Shores, DVM, MS, PhD; DACVIM(Neurology)
Clinical Professor and Chief, Neurosurgery/Neurology
Mississippi State University College of Veterinary Medicine
and Veterinary Specialty Center

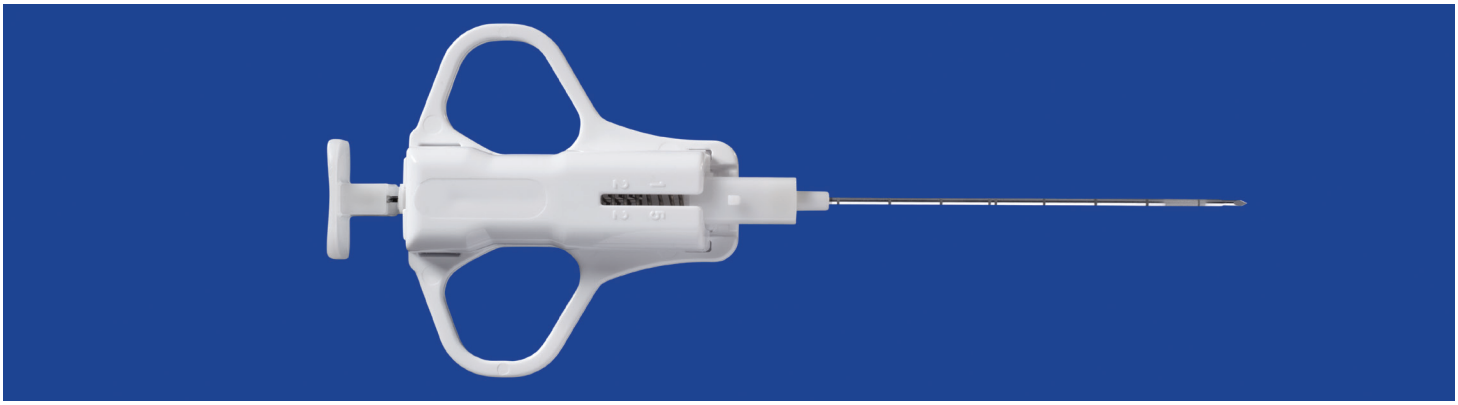


Echogenic Soft Tissue Biopsy Needle

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

DESCRIPTION	ITEM #
16Ga x 8cm (3in)	BN1608
16Ga x 15cm (6in)	BN1615
14Ga x 8cm (3in)	BN1408
14Ga x 15cm (6in)	BN1415





Aspiration Needle System for FLUID

Designed to provide INTRAOSSEOUS ACCESS and obtain quality FLUID ASPIRATES.

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

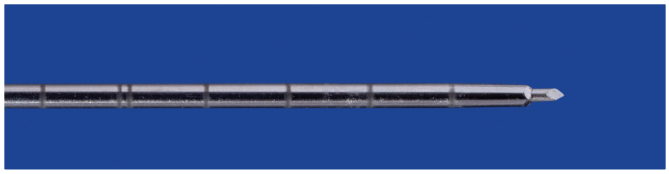
DESCRIPTION	ITEM #
18Ga x 2cm (.78in) - Pink	BMAN18
15Ga x 3cm (1.25in) - Blue	BMAN15

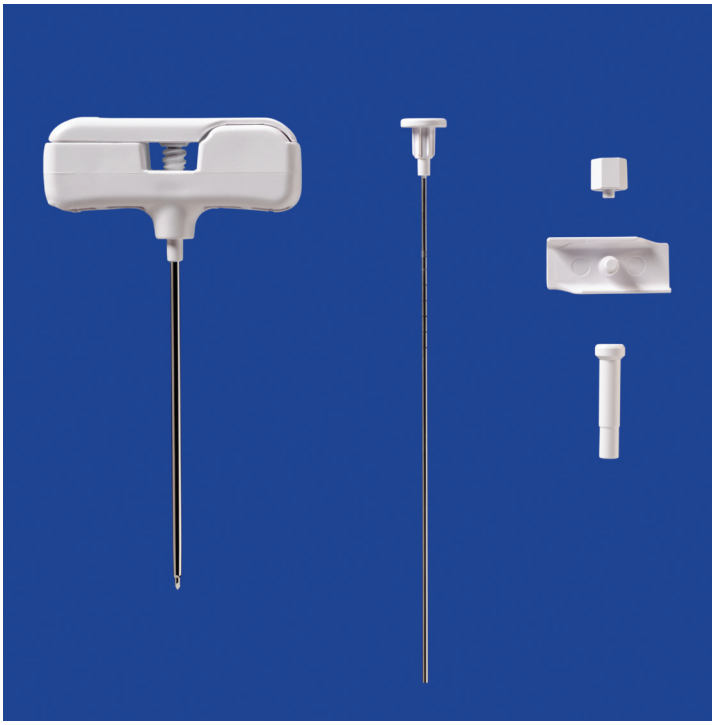
Bone Marrow Aspiration Needle System for SOLIDS

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 intramedullary cavity.
- Marked obturator rod indicates length of specimen prior to extraction and can be used to expel specimen from the extraction cannula.
- Luer lock connection for syringe

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





NEW

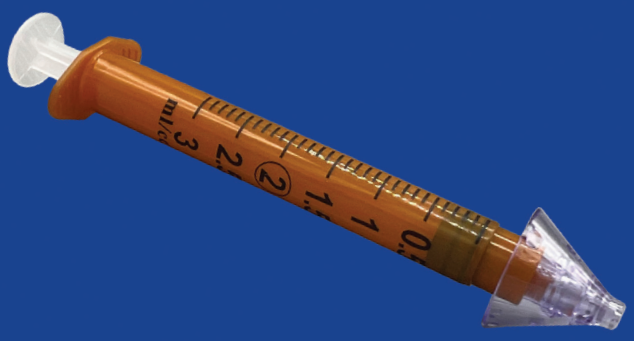
VetJet™ Nasal Intranasal Mucosal Atomization Device

- Designed to be a safe and painless way to deliver medication via the naris.
- Ideal for delivering midazolam intranasally for seizures in dogs.
- Device atomizes liquid drugs into a fine mist of particles ranging from 30-100 microns.
- Conical profile is designed to seal within the patient's naris.
- Hospital kit (Item #5400) includes the VetJet™ Nasal Atomizer and 3cc amber syringe.
- Home kit (Item #5400K) includes the VetJet™ Nasal Atomizer, 3cc amber syringe and dispensing pin with .2 micron air filter to attach to medication vial.

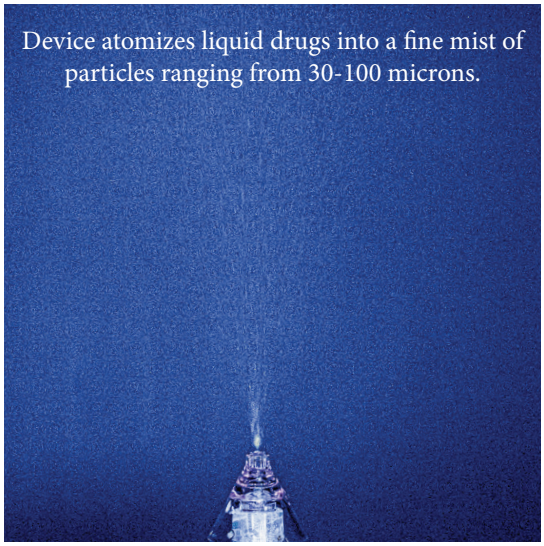
Ideal for delivering midazolam intranasally for seizures.

DESCRIPTION		ITEM #
VetJet™ Nasal Sprayer and 3cc amber syringe	HOSPITAL USE	5400
VetJet™ Nasal Sprayer, 3cc amber syringe and dispensing pin with air filter	HOME USE	5400K

5400



Now includes an amber syringe for light sensitive medications.



5400K

VetJet™ Instructions for Use:

1

Remove protective cap from drug vial and place vial on a firm, non-skid surface. Peel open pouch containing the vial adapter. Holding vial adapter housing, place over the drug vial and firmly press down to puncture the septum. The adapter will snap over the vial cap and lock in place.

2

Peel open pouch containing the syringe and atomizer. Attach the syringe tip to the vial adapter thread by turning clockwise.

3

Turn the vial upside down and slowly pull back on the syringe plunger to fill syringe with medication. Pull to desired amount by reading the volume markings on the syringe barrel.

4

Detach the syringe from the vial adapter by turning counter-clockwise.

5

Attach the syringe to the atomizer thread by turning clockwise.

6

Insert cone of the atomizer into the patient's naris and administer drug by slowly pushing down on the syringe plunger until all of the drug is out of the syringe.

Tomcat / Small Animal Urinary Catheter – Length Adjustable

ONE CATHETER REPLACES TWO!

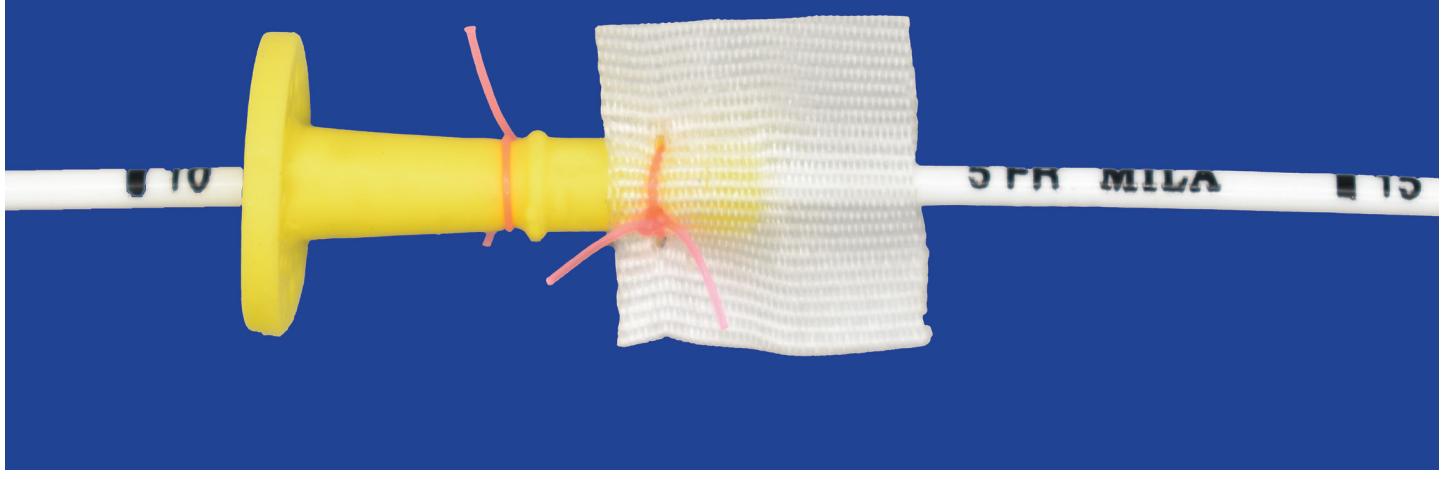
- Same catheter is used to unblock and leave indwelling to drain the bladder. This single device technique is designed to reduce the risk of infection and trauma associated with a two catheter technique.
- FLUSHING STYLET (optional) enables irrigation and retropulsion through the catheter during insertion.
- Suture device can be moved to adjust indwelling depth.
- Non-irritating radiopaque polyurethane material is rigid for easy insertion and softens with body temperature.
- Finished open tip
- Luer lock for secure attachment to a CLOSED COLLECTION SYSTEM (see pages 42-43).
- The 25cm catheter length allows for the most flexibility when securing the catheter. The additional length of tubing allows for securement of the collection bag connector at the tail or back of the cat, minimizing catheter tension at the prepuce when the cat moves. This eliminates the need for a separate extension tube.
- Improvement to the standard Tomcat, Jackson and Slippery Sam™ urinary catheters from other manufacturers.

DESCRIPTION	ITEM #
3.5Fr - catheter, length adjustable up to 15cm (6in)	UC306
3.5Fr - catheter, length adjustable up to 15cm (6in), with stylet	UC306S
3.5Fr - catheter, length adjustable up to 25cm (10in)	UC310
3.5Fr - catheter, length adjustable up to 25cm (10in), with stylet - **MOST VERSATILE SIZE**	UC310S
5Fr - catheter, length adjustable up to 15cm (6in)	UC506
5Fr - catheter, length adjustable up to 15cm (6in), with stylet	UC506S
5Fr - catheter, length adjustable up to 25cm (10in)	UC510
5Fr - catheter, length adjustable up to 25cm (10in), with stylet	UC510S

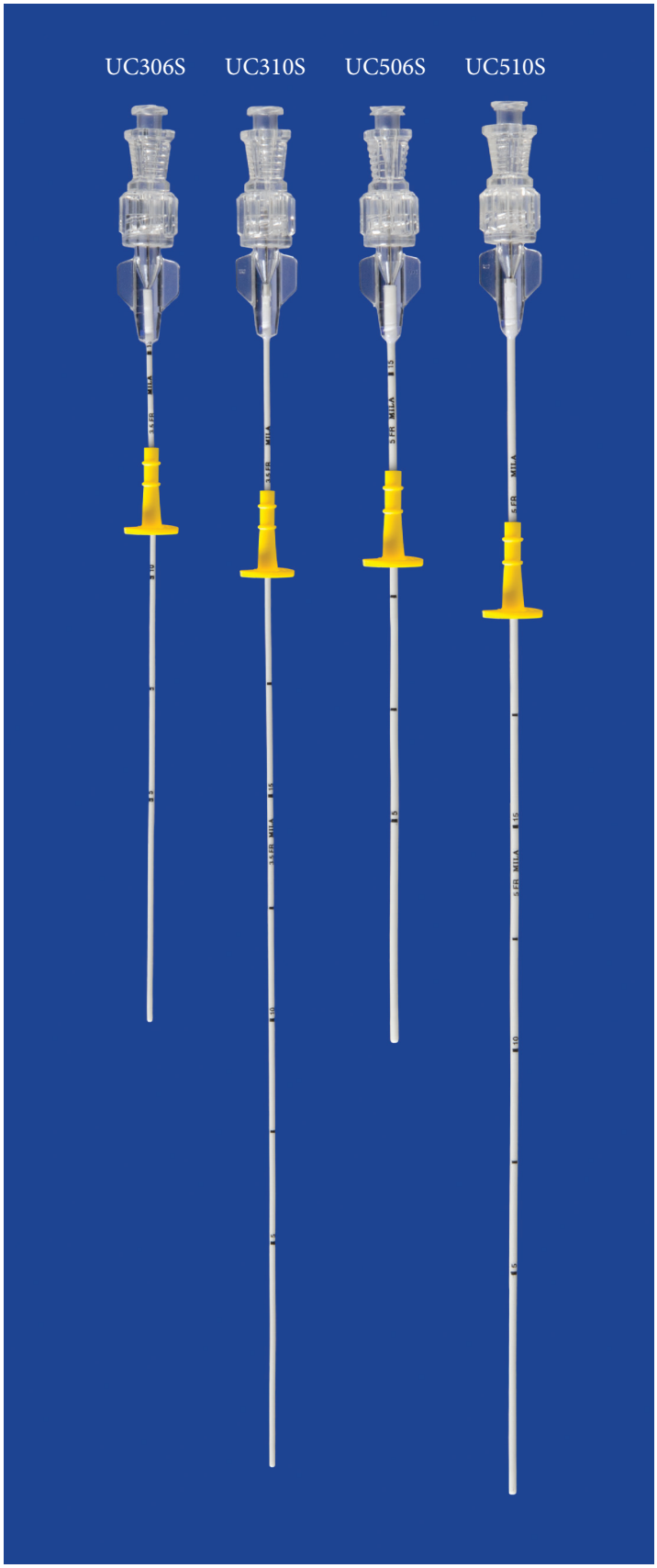
See pages 42-43 for URINE COLLECTION options. See page 38 for 4FR FOLEY CATHETER.

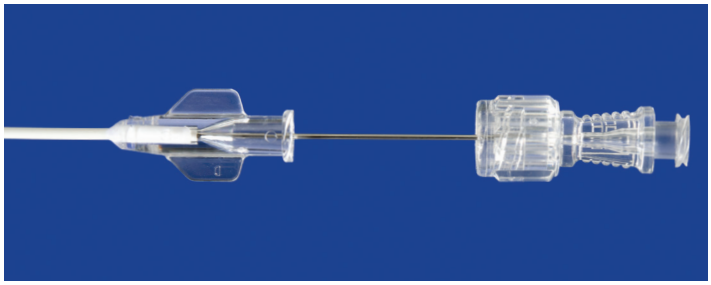
USER TIP

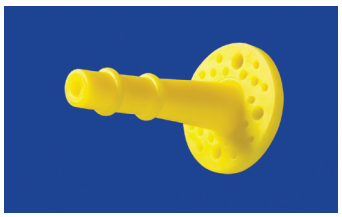
For additional securement, use tape to bridge across the catheter and suture device before suturing in place.

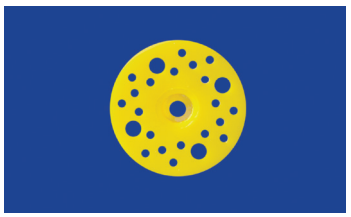


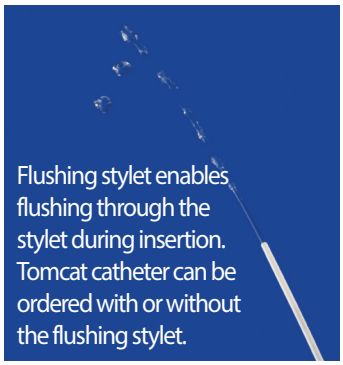
Tomcat / Small Animal Urinary Catheter – Length Adjustable

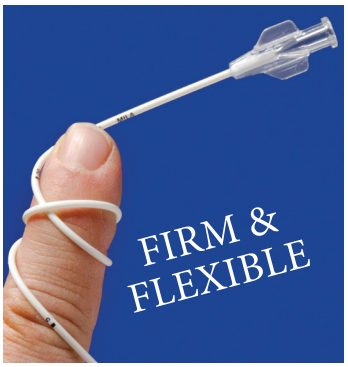


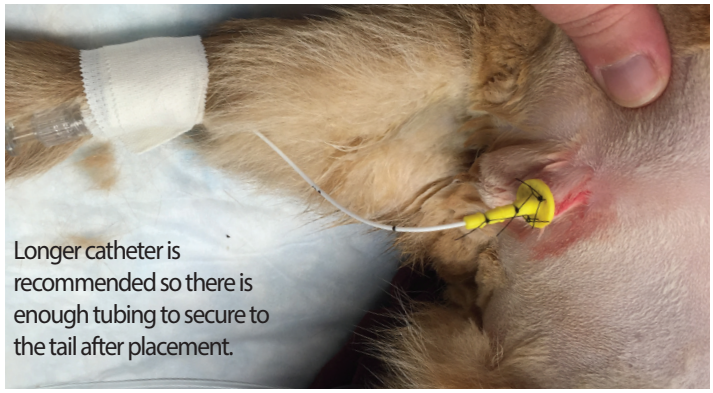








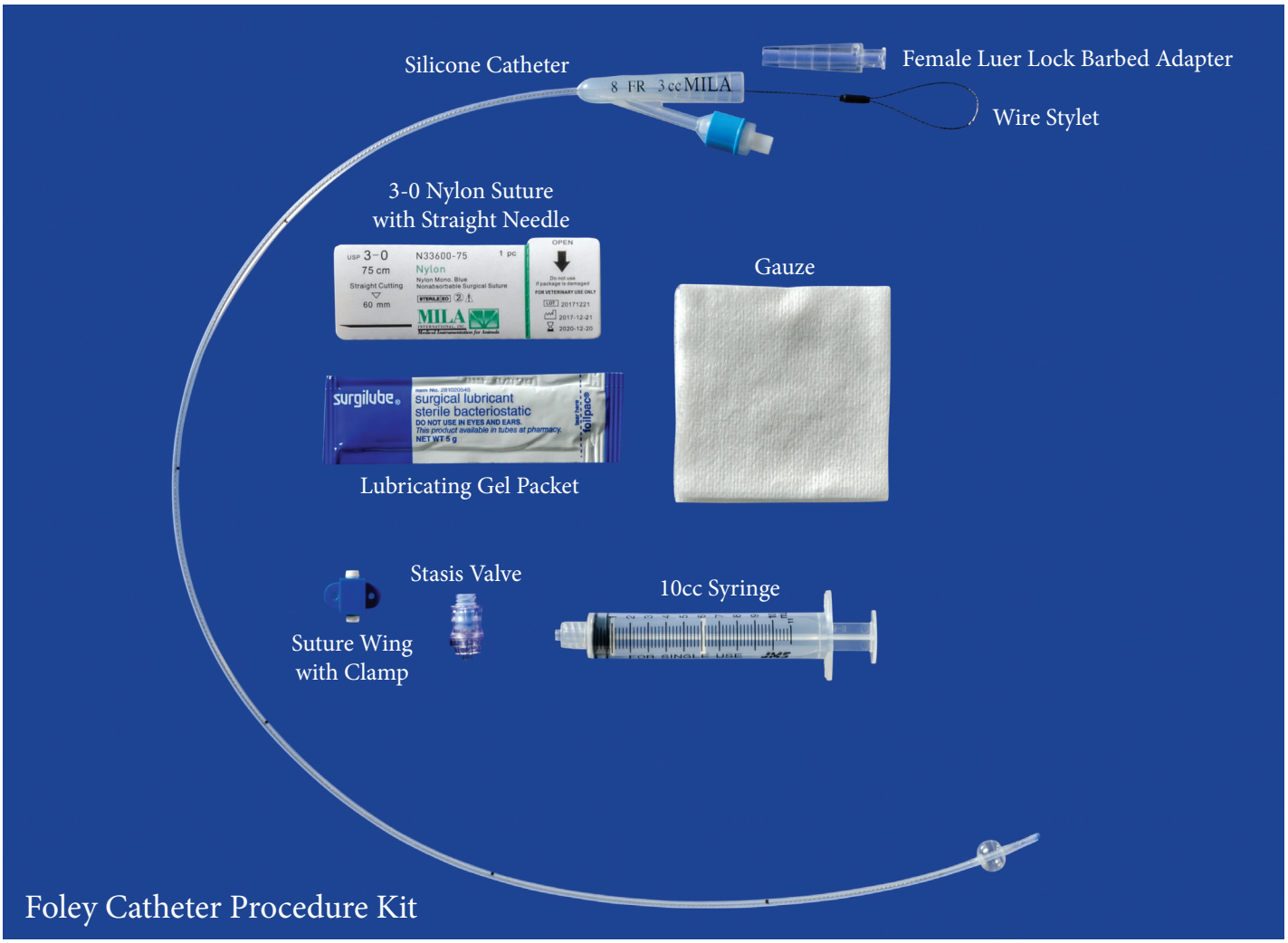




Foley Catheters with Wire Stylet in a Procedure Kit

- Kit includes radiopaque silicone foley catheter, wire stylet, suture wing, suture pack, female luer lock barbed adapter, stasis valve, lubricating gel packet, gauze and syringe.
- The stylet provides rigidity to save time and reduce the risk of trauma.
- Water activated treatment within the lumen facilitates wire removal.
- Retention balloon keeps catheter in the bladder.

DESCRIPTION	ITEM #
4Fr x 30cm (12in) with 1cc balloon	UC412
5Fr x 30cm (12in) with 1cc balloon	UC512
5Fr x 55cm (21in) with 1cc balloon	UC521
6Fr x 30cm (12in) with 1.5cc balloon, suture wing	UC612
6Fr x 60cm (24in) with 1.5cc balloon, suture wing	UC624
6Fr x 90cm (36in) with 1.5cc balloon, suture wing	UC636
8Fr x 30cm (12in) with 3cc balloon, suture wing	UC812
8Fr x 60cm (24in) with 3cc balloon, suture wing	UC824
8Fr x 90cm (36in) with 3cc balloon, suture wing	UC836
10Fr x 30cm (12in) with 5cc balloon, suture wing	UC1012
10Fr x 45cm (18in) with 5cc balloon, suture wing	UC1018
10Fr x 90cm (36in) with 5cc balloon, suture wing	UC1036



Foley Catheters with Wire Stylet

- Radiopaque silicone foley catheter with wire stylet, suture wing, female luer lock barbed adapter and stasis valve.

DESCRIPTION		ITEM #
12Fr x 30cm (12in) with 10cc balloon		UC1212
12Fr x 55cm (21in) with 10cc balloon		UC1221
14Fr x 23cm (9in) with 10cc balloon		UC1409
14Fr x 55cm (21in) with 10cc balloon		UC1421
16Fr x 55cm (21in) with 20cc balloon		UC1621
16Fr x 63.5cm (25in) with 20cc balloon		UC1625
18Fr x 55cm (21in) with 20cc balloon		UC1821
20Fr x 55cm (21in) with 30cc balloon		UC2021
22Fr x 55cm (21in) with 30cc balloon		UC2221
24Fr x 42cm (16in) with 30cc balloon	Ideal for MARES	UC2416
24Fr x 150cm (59in) with 30cc balloon	Ideal for STALLIONS	UC2459

Foley Catheters without Wire Stylet

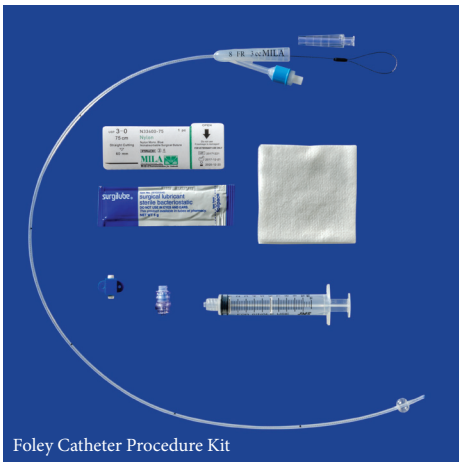
- Radiopaque silicone catheter only, no stylet. Includes suture wing, female luer lock barbed adapter and stasis valve.

DESCRIPTION		ITEM #
12Fr x 30cm (12in) with 10cc balloon		UC1212C
12Fr x 55cm (21in) with 10cc balloon		UC1221C
14Fr x 23cm (9in) with 10cc balloon		UC1409C
14Fr x 55cm (21in) with 10cc balloon		UC1421C
16Fr x 55cm (21in) with 20cc balloon		UC1621C
16Fr x 63.5cm (25in) with 20cc balloon		UC1625C
18Fr x 55cm (21in) with 20cc balloon		UC1821C
20Fr x 55cm (21in) with 30cc balloon		UC2021C
22Fr x 55cm (21in) with 30cc balloon		UC2221C
24Fr x 42cm (16in) with 30cc balloon	Ideal for MARES	UC2416C
24Fr x 150cm (59in) with 30cc balloon	Ideal for STALLIONS	UC2459C

Foal/Horse Foley Catheters

- Kit includes radiopaque silicone foley catheter, wire stylet, suture wing, suture pack, female luer lock barbed adapter, stasis valve, lubricating gel packet, gauze and syringe.
- The stylet provides rigidity for ease of placement and reduces the risk of trauma.
- Water activated treatment within the lumen facilitates wire removal.
- Retention balloon keeps catheter in the bladder.

DESCRIPTION	ITEM #
8Fr x 30cm (12in) with 3cc balloon, suture wing	UC812
8Fr x 60cm (24in) with 3cc balloon, suture wing	UC824
8Fr x 90cm (36in) with 3cc balloon, suture wing	UC836
10Fr x 30cm (12in) with 5cc balloon, suture wing	UC1012
10Fr x 45cm (18in) with 5cc balloon, suture wing	UC1018
10Fr x 90cm (36in) with 5cc balloon, suture wing	UC1036



Foley Catheter Procedure Kit

- Radiopaque silicone foley catheter with wire stylet, suture wing, female luer lock barbed adapter and stasis valve.

DESCRIPTION	ITEM #
12Fr x 30cm (12in) with 10cc balloon	UC1212
12Fr x 55cm (21in) with 10cc balloon	UC1221
14Fr x 23cm (9in) with 10cc balloon	UC1409
14Fr x 55cm (21in) with 10cc balloon	UC1421
16Fr x 55cm (21in) with 20cc balloon	UC1621
16Fr x 63.5cm (25in) with 20cc balloon	UC1625
18Fr x 55cm (21in) with 20cc balloon	UC1821

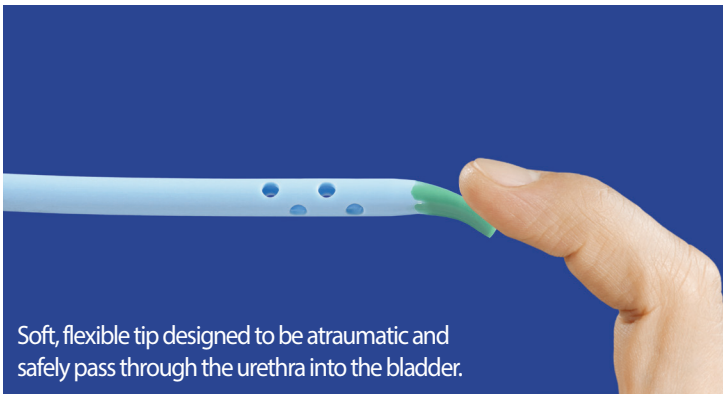
DESCRIPTION		ITEM #
20Fr x 55cm (21in) with 30cc balloon		UC2021
22Fr x 55cm (21in) with 30cc balloon		UC2221
24Fr x 42cm (16in) with 30cc balloon	Ideal for MARES	UC2416
24Fr x 150cm (59in) with 30cc balloon	Ideal for STALLIONS	UC2459

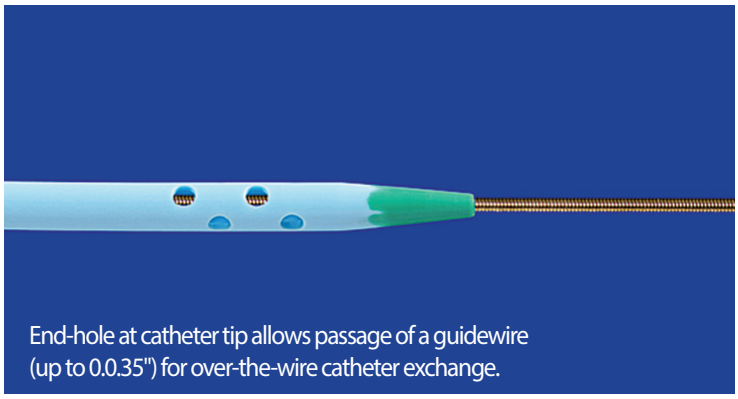
Retropulsion™ Urinary Catheters (RUC) for Male Canine

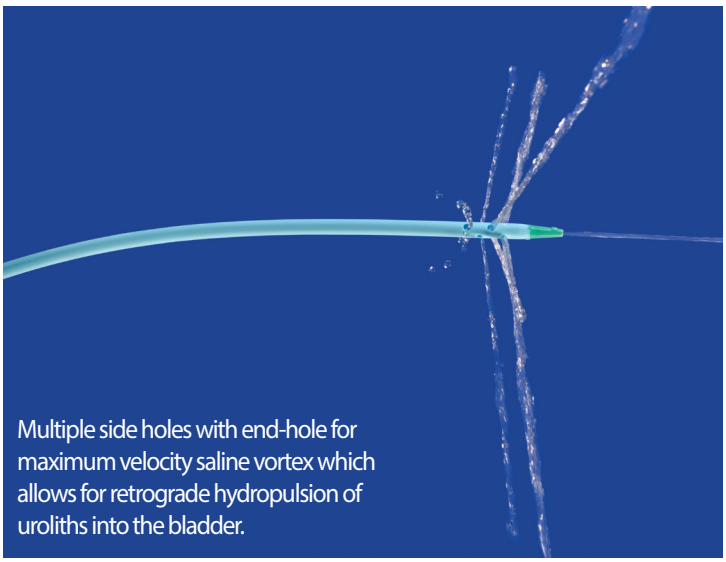
The Retropulsion™ Catheter is a short-term urinary drainage catheter for unblocking the urethra and drainage of the bladder in male dogs. The catheter allows for efficient retrograde hydropulsion of lodged urethral calculi into the bladder.

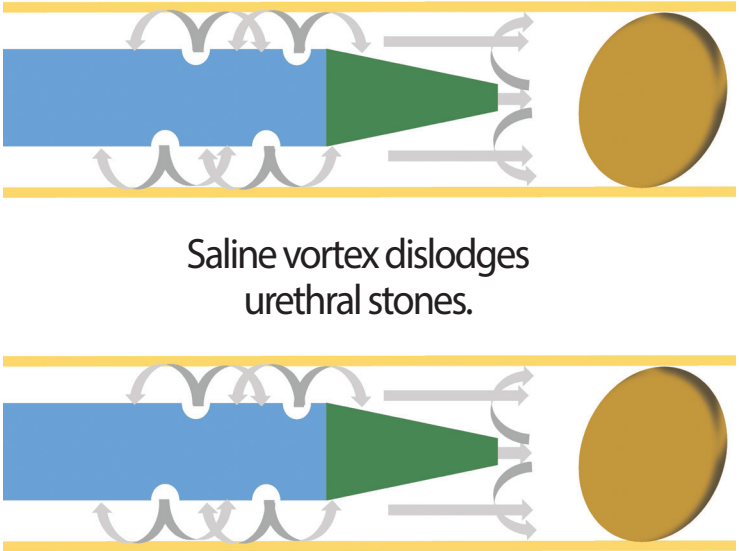
- Radiopaque, polyurethane, firm catheter with a tapered, soft, flexible tip designed to be atraumatic and safely pass through the urethra into the bladder. The polypropylene/red rubber hybrid gives the catheter unique rigidity.
- Multiple side-holes and end-hole for maximum velocity saline vortex during retrograde hydropulsion.
- Blue color catheter ideal for visualizing the urethra during urethrostomy.
- End-hole at catheter tip allows passage of a guidewire (up to 0.035") for over-the-wire catheter exchange. Minimum guidewire length of 173cm is required. This allows for rapid, easy exchange to a long-term foley using an open-ended silicone foley and guidewire.
- Centimeter markings for precise depth placement.
- Luer lock hub for easy connection to drainage bag or syringe.

DESCRIPTION	ITEM #
6Fr x 55cm (22in)	RUC655
8Fr x 55cm (22in)	RUC855
10Fr x 55cm (22in)	RUC1055


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


End-hole at catheter tip allows passage of a guidewire (up to 0.0.35") for over-the-wire catheter exchange.


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

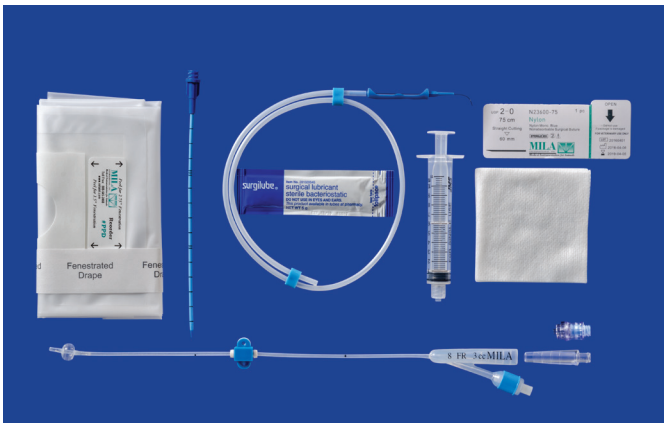

Saline vortex dislodges urethral stones.

Foley Catheters for Female Canine Guidewire/Seldinger Insertion

- **Guidewire inserted foley catheter for female dogs.**
- **Stainless steel guidewire with J tip, 70cm length.**
- Foley catheter with retention balloon.
- Water activated lubricant facilitates wire removal.
- Introducer with depth markings and flexible tip.
- Radiopaque silicone material.
- Kit includes catheter with balloon, guidewire, dilator, drape, lubricant, suture, suture wing, female luer lock barbed adapter, stasis valve, gauze and syringe.

"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



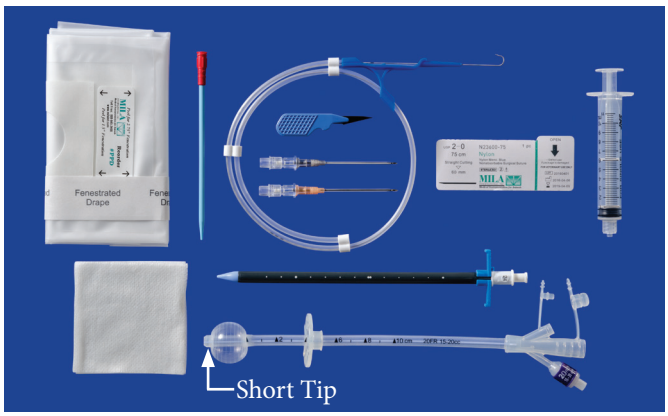
DESCRIPTION	ITEM #
6Fr x 35cm (14in) with 1.5cc balloon	UCG610
8Fr x 35cm (14in) with 3cc balloon	UCG810

PERCUTANEOUS Balloon Catheter Kit for Cystostomy

Ideal for GOATS

- Introduction uses Seldinger technique and peel-away dilator sheath.
- Open-ended silicone catheter with 20cc retention balloon, centimeter markings and radiopaque stripe.
- 20Fr x 25cm (10in) catheter with Y-port and fixation ring.
- Short catheter tip design reduces the risk of gastric mucosa irritation.
- Large funnel Y-port with tethered caps.
- Adjustable fixation ring prevents catheter migration.
- Kit includes drape, catheter-over-needle introducers, syringe, 12Fr dilator, scalpel, 24Fr dilator with peel-away sheath, catheter with clamp, gauze and suture.

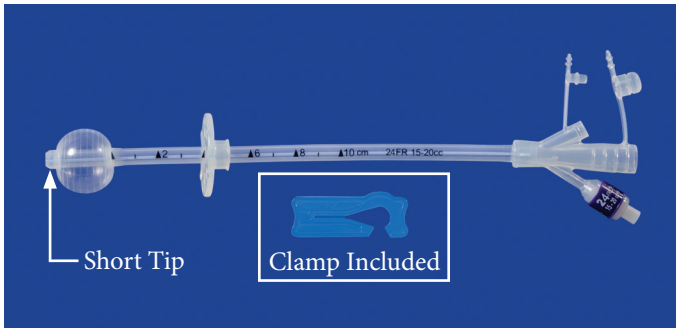
ITEM #	PBC20



SURGICAL Balloon Catheter for Cystostomy

- Open-ended silicone catheter with 20cc retention balloon, depth markings and radiopaque stripe.
- Short catheter tip design reduces the risk of gastric mucosa irritation.
- Large funnel Y-port with tethered caps.
- Adjustable fixation ring prevents catheter migration.
- Clamp included

DESCRIPTION	ITEM #
20Fr x 25cm (10in)	CYGA20
24Fr x 25cm (10in)	CYGA24
28Fr x 25cm (10in)	CYGA28



Closed System Urine Collection Kits
600ml, 1000ml and 2000ml

MINIMIZE CATHETER ASSOCIATED URINARY TRACT INFECTIONS (CAUTI)

- 600ml and 1000ml closed urine collection kits include a collection bag with anti-reflux valve and twist-to-open drain, lightweight collection line with spinner luer lock, injection/sampling port and a female luer lock barbed adapter.
- 2000ml closed urine collection kit includes a collection bag with anti-reflux valve and a push/pull drain, collection line with injection/sampling port and integrated barbed adapter.

UC600K

UC1000K

UC2000K

Foley catheter connected to urine collection line.

360 ° SPINNER LUER LOCK ON THE COLLECTION LINE

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

Tomcat catheter connected to urine collection line.

DESCRIPTION	ITEM #
600cc Closed System includes: 600cc collection bag with anti-reflux valve and twist drain, 72in (180cm) lightweight collection line with 360° spinner luer lock and injection/sampling port, and female luer lock barbed adapter.	UC600K
1000cc Closed System includes: 1000cc collection bag with anti-reflux valve and twist drain, 72in (180cm) lightweight collection line with 360° spinner luer lock and injection/sampling port, and female luer lock barbed adapter.	UC1000K
2000cc Closed System includes: 2000cc collection bag with anti-reflux valve and push/pull drain, 72in (180cm) collection line with injection/sampling port, and integrated barbed adapter.	UC2000K

Closed System Urine Collection
Replacement Bags, Collection Lines, Female Luer Lock Barbed Adapter

UC600

UC1000

UCT

2350

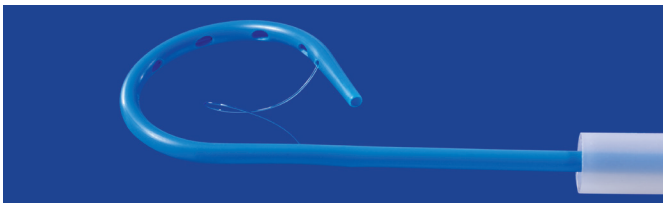
DESCRIPTION	ITEM #
600cc Collection Bag - Volume marks beginning with 50cc, male luer lock and twist drain.	UC600
1000cc Collection Bag - Volume marks beginning with 25cc, male luer lock and twist drain.	UC1000
Lightweight 14Ga collection line (180cm/72in) with an injection/sampling port and 360° spinner luer lock.	UCT
Female luer lock barbed adapter for foley catheter that accepts 20-40Fr tubes Each individually packaged and sterile.	2350 (10 Pack)

Locking Pigtail Catheter Kit

Emergency Cystostomy

- For emergency indwelling drainage
- Ideal for emergency cystostomy in patients with urinary obstructions that cannot be manually unblocked.
- Percutaneous cannula-over-needle placement facilitates controlled, minimally invasive catheter introduction.
- Soft, flexible, kink resistant, radiopaque polyurethane catheter
- Side holes positioned within catheter pigtail for effective drainage
- Locking string system prevents accidental uncoiling of the pigtail.
- Pigtail (coil) helps retain the catheter in place.
- Includes cannula with direct puncture needle, pigtail catheter, suture wing, collection line and 600cc collection bag.

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



Locking Pigtail Catheter Kit

Hemodialysis Catheter Kit

- Two D-shaped lumens for optimal, high blood flow rates.
- Soft polyurethane catheter designed to minimize catheter kinking.
- Flexible tip design for ease of placement and to minimize risk of vascular trauma.
- Silicone extension lines for improved durability during repeated clamping.
- Staggered exit ports designed to reduce recirculation.
- Moveable clamp allows for anchorage at the incision site, regardless of catheter indwell length.
- Rotating suture wing.
- Includes a double lumen polyurethane catheter with silicone extension lines, guidewire, dilator, drape, scalpel, introducer, suture, suture wing, male caps and gauze.

DESCRIPTION	ITEM #
7Fr x 16cm (6.3in)	HDL716
8Fr x 16cm (6.3in)	HDL816
12Fr x 16cm (6.3in)	HDL1216
12Fr x 25cm (10in)	HDL1225

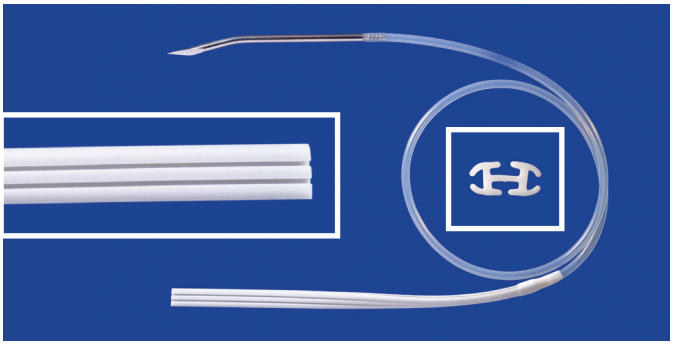
Hemodialysis Catheter Kit

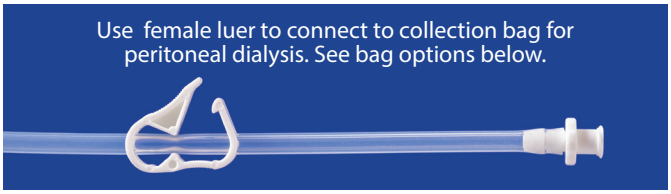
Unique blend of thicker walls combined with a double D cross section allows for maximum flow rates with significant resistance to kinking.

Blake Drain with Trocar (Peritoneal Dialysis)

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

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

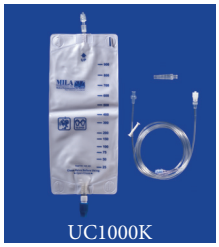


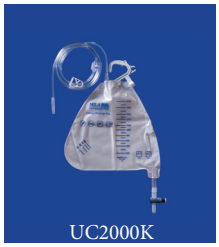


- 600cc Closed System includes: 600cc collection bag with anti-reflux valve and twist drain, 72in (180cm) lightweight collection line with 360° spinner luer lock and injection/ sampling port, and female luer lock barbed adapter.
- 1000cc Closed System includes: 1000cc collection bag with anti-reflux valve and twist drain, 72in (180cm) lightweight collection line with 360° spinner luer lock and injection/ sampling port, and female luer lock barbed adapter.
- 2000cc Closed System includes: 2000cc collection bag with anti-reflux valve and push/pull drain, 72in (180cm) collection line with injection/sampling port, and integrated barbed adapter.

DESCRIPTION	ITEM #
600cc Collection Bag Kit	UC600K
1000cc Collection Bag Kit	UC1000K
2000cc Collection Bag Kit	UC2000K

UC600K


UC1000K


UC2000K

NEW

MILA Guardian™

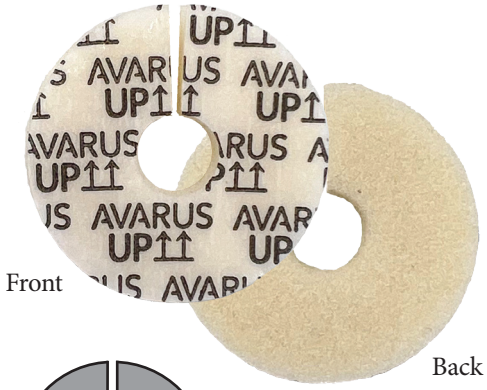
Chlorhexidine-Impregnated Protective Foam Disc

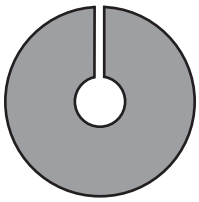
Ideal for Drains, Esophagostomy Tubes and Hemodialysis Catheters

CLINICALLY PROVEN TO REDUCE THE RISK OF CATHETER-RELATED INFECTIONS

- Chlorhexidine dressing with 360° of skin antisepsis protects the entire insertion site of percutaneous devices.
- Designed to reduce risk of infection by absorbing exudate and inhibiting or killing bacteria.
- 1 inch (2.54cm) diameter with 7mm center opening and radial slit for easy placement.
- Each disc provides 7 DAYS of protection.

ITEM #	DR7




Actual Size

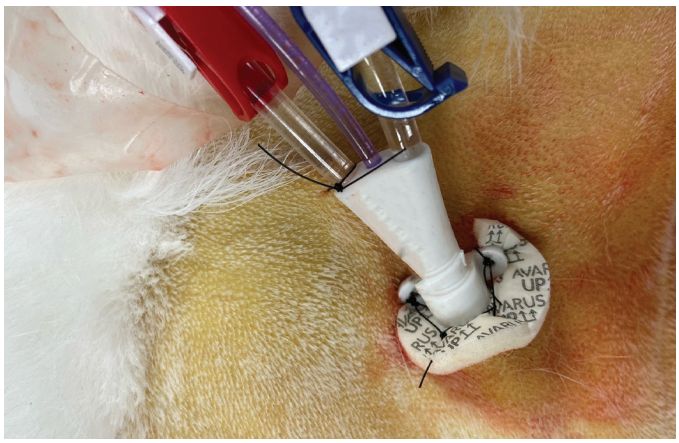


Photo courtesy of Carolyn Tai, CVT, VTS (ECC) (SAIM), Tufts University

Anal Sacculectomy Catheter

- Use for easier manipulation for anal sacculectomy.
- Silicone catheter and balloon construction which is used to lift the anal sac.
- Stiff low profile tip allows catheter to navigate into the anal sac duct opening.
- Scan the QR code to view the below referenced article:

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

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

See MILA website for link to YouTube video.

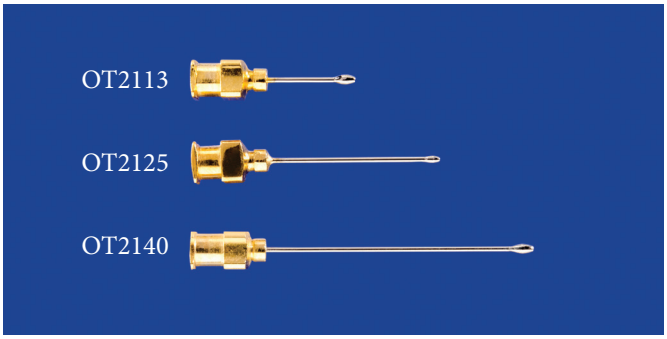
Anal Sacculectomy procedure video complimentary of J. Brad Case, DVM, MS, DACVS, Assistant Professor, University of Florida Department of Small Animal Clinical Sciences.

Olive Tip Needles

URINARY & ANAL GLAND LAVAGE NEEDLE

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

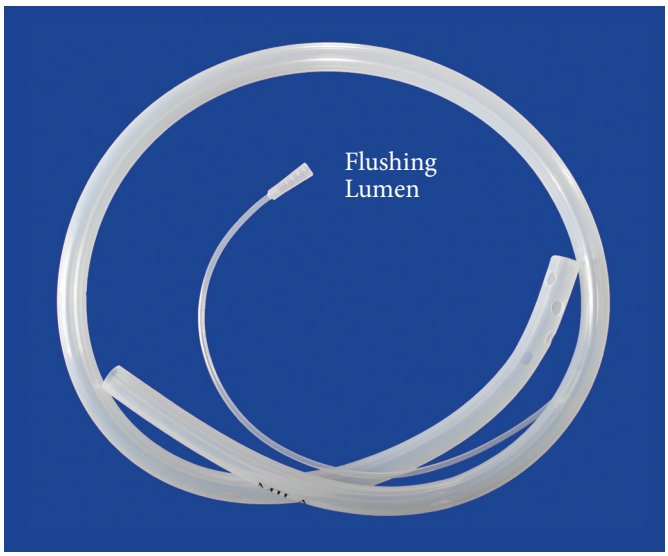
DESCRIPTION	ITEM #
21Ga x 1.3cm (0.5in)	OT2113
21Ga x 2.5cm (1.0in)	OT2125
21Ga x 4.0cm (1.5in)	OT2140

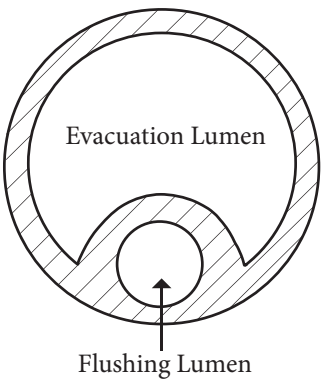


Canine GDV / Bloat Tube

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

DESCRIPTION	ITEM #
Giant Breed 30mm (1.2in) OD x 22mm (1in) ID 180cm (72in) length, Flushing lumen = 50in	GDV1
Large Breed 25mm (1.0in) OD x 18mm (.7in) ID 180cm (72in) length, Flushing lumen = 50in	GDV2
Medium Breed 17mm (0.6in) OD x 12mm (.48in) ID 125cm (50in) length, Flushing lumen = 32in	GDV3
Medium Breed 17mm (0.6in) OD x 12mm (.48in) ID 180cm (72in) length, Flushing lumen = 50in	GDV3L
Small Breed 12mm (0.48in) OD x 8.7mm (.34in) ID 125cm (50in) length, Flushing lumen = 32in	GDV4





Fecal Management System

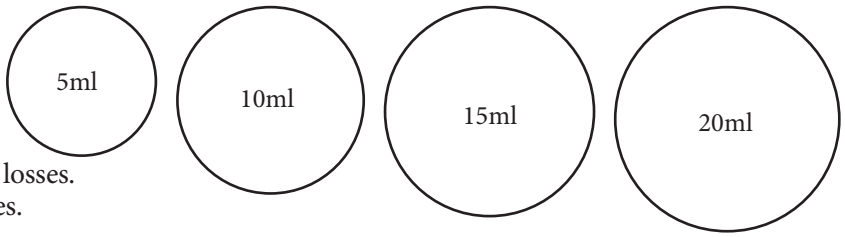
FOR COLLECTION OF LIQUID STOOL AND ODOR CONTAINMENT

The Fecal Management System is a 20Fr, 24Fr or 28Fr soft, silicone catheter inserted into the rectum for collection of liquid stool. It is retained by an air-inflated low pressure balloon. The proximal end of the large bore tube attaches to a 2000ml collection bag.

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

Approximate balloon sizes by volume of air:

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



DESCRIPTION		ITEM #
20Fr catheter, extension line, 1 2000ml collection bag		FM2000
24Fr catheter, extension line, 1 2000ml collection bag		FM2400
28Fr catheter, extension line, 1 2000ml collection bag	NEW	FM2800
2000ml Replacement Bag		FMRB

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

Melissa Edwards DVM, DACVECC

PinkPoly™ Economy Catheters

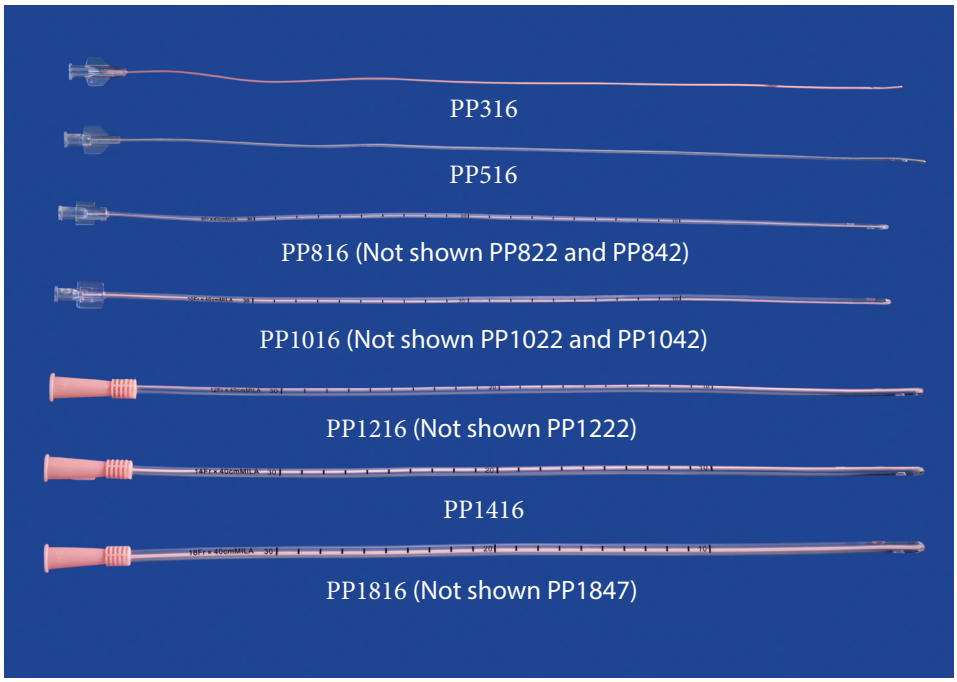
The Red Rubber Improvement

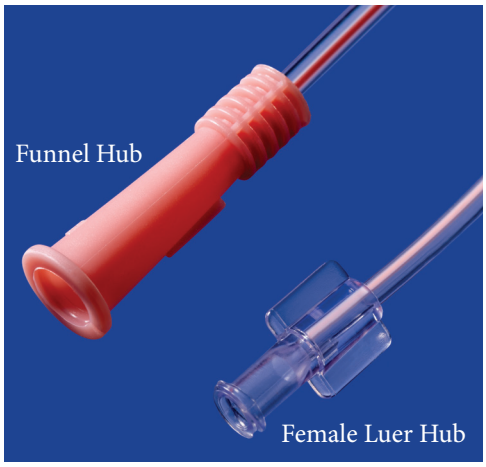
Everyday Economy for Short Term Use

- Use for nasogastric or neonatal feeding, esophagostomy, urine drainage, oxygen delivery and small animal BAL (see page 74).
- Non-leaching, non-irritating, latex-free polymer (PVC hybrid) construction that becomes firm when cold and softens with body temperature.
- Clear catheter body designed to easily visualize contents within the catheter.
- Radiopaque Pink Stripe eliminates need for contrast. Entire catheter of #PP316 (3.5Fr) is completely radiopaque.
- Rounded, closed tip with staggered eyelets help to maintain tip strength during insertion and promote efficient drainage.
- Smooth, polished surface inside and out. Minimizes trauma during catheter insertion and removal.
- Centimeter markings on 8Fr-18Fr for precise depth placement.
- Longer lengths for 8Fr and 10Fr can be used for urinary catheterization for male dogs.
- Female luer hub eliminates need for barbed adapter. Connect DIRECTLY to your syringe or collection set.

DESCRIPTION	HUB STYLE		ITEM #
3.5Fr x 40cm (16in)	Female Luer		PP316
5Fr x 40cm (16in)	Female Luer		PP516
8Fr x 40cm (16in)	Female Luer		PP816
8Fr x 55cm (22in)	Female Luer		PP822
8Fr x 108cm (42in)	Female Luer		PP842
10Fr x 40cm (16in)	Female Luer		PP1016
10Fr x 55cm (22in)	Female Luer		PP1022
10Fr x 108cm (42in)	Female Luer		PP1042
12Fr x 40cm (16in)	Funnel		PP1216
12Fr x 55cm (22in)	Female Luer		PP1222
14Fr x 40cm (16in)	Funnel		PP1416
18Fr x 40cm (16in)	Funnel	**Ideal as a MARE URINARY CATHETER**	PP1816
18Fr x 120cm (47in)	Funnel	**Ideal as a STALLION URINARY CATHETER**	PP1847

Each individually packaged and sterile.





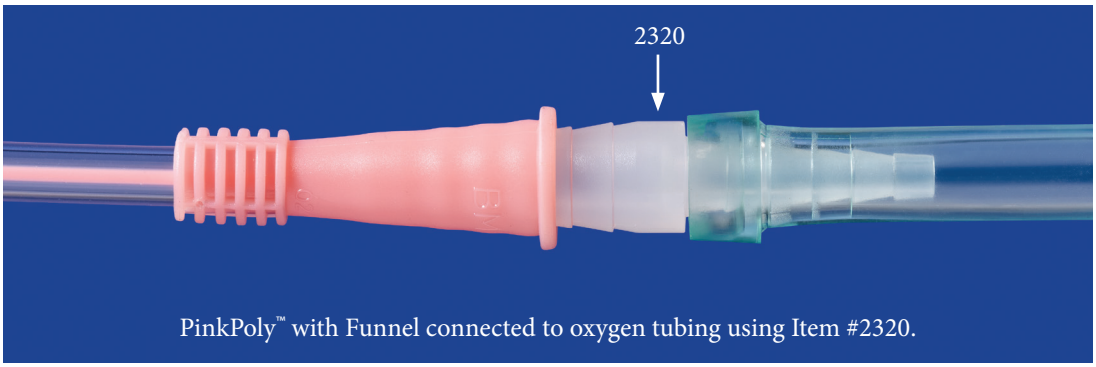
DEHP and Phthalate Free.

PinkPoly™ Catheter Adapters

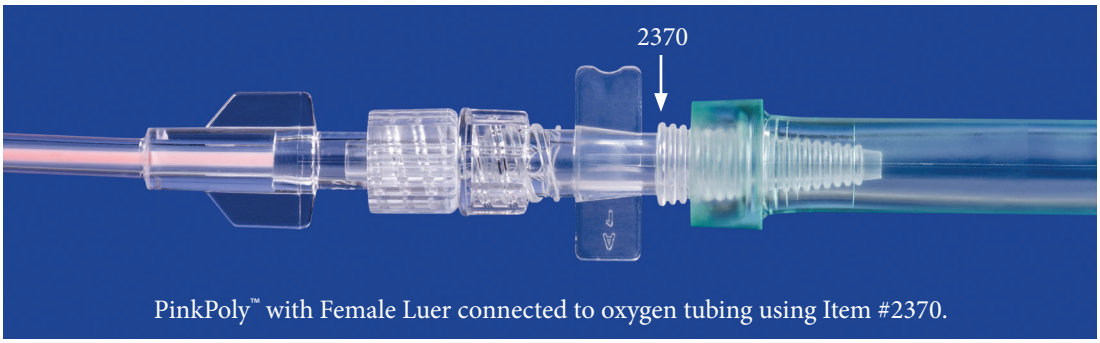
• Barbed adapters to connect to luer lock or funnel hubs.

DESCRIPTION		ITEM #
Large dual ends to fit 12-36Fr tubes	(10 pack)	2300
Small end fits 12 - 18Fr tubes. Large end fits 22 - 33Fr tubes	(10 pack)	2320
Male Luer Lock with adapter to fit 11 - 22Fr tubes (Ideal for oxygen)	(10 pack)	2370
Male Luer Lock with adapter to fit 20 - 40Fr tubes	(10 pack)	2380

Each individually packaged and sterile.



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



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

Gastrostomy Kits

- Radiopaque polyurethane material is non-irritating and stronger than silicone.
- Collapsible bumper facilitates insertion and removal that is less traumatic than mushroom style. KINDER REMOVAL.
- Right angle fixation device that holds tube securely.
- Locking Y-adapter for feeding, irrigation, decompression and medication without disconnection.

Use with MILA Guardian™ to reduce risk of infection.
See page 59 for details.

SURGICAL PLACEMENT

Surgical Kit includes 50cm (20in) PEG tube, right angle fixation device, optional silicone fixation bar (as an alternative to the right angle fixation device), Y-adapter and clamp.

DESCRIPTION	ITEM #
16Fr Surgically Placed Kit	PGS16
20Fr Surgically Placed Kit	PGS20

ENDOSCOPIC PLACEMENT

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

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

REPLACEMENT PIECES

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

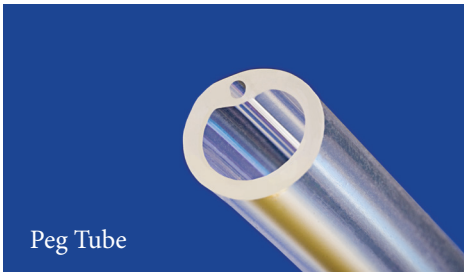
See MILA website for link to YouTube video.

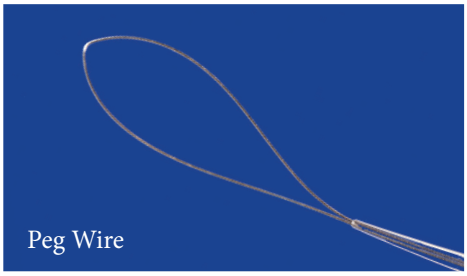
ACCESSORY

MILA Guardian™ (Chlorhexidine Dressing)	DR7

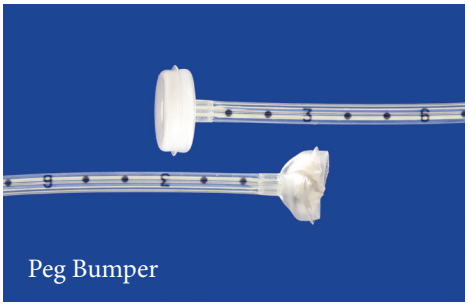
Kit Pieces

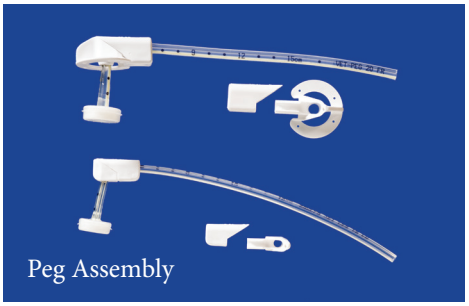
Compatible jejunal feeding tubes on next page.

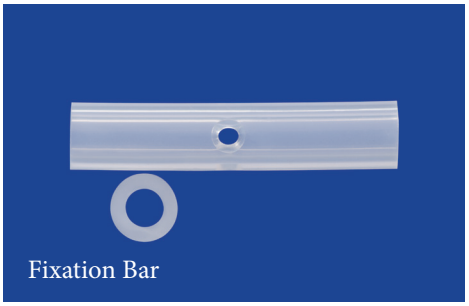

Peg Tube


Peg Wire

Peg Y


Peg Bumper


Peg Assembly

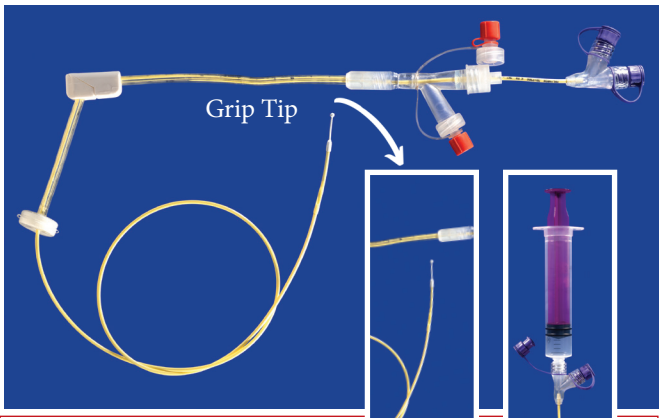

Fixation Bar

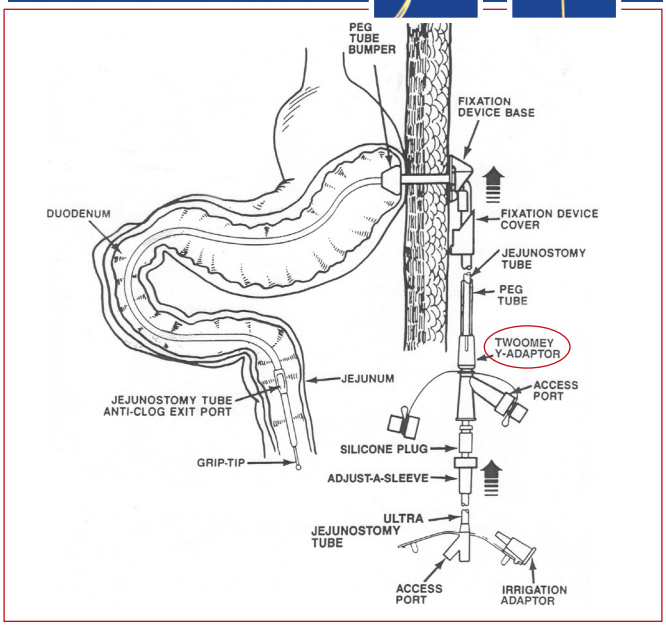
Jejunal Tubes (J thru G)

For SURGICALLY PLACED J-tubes, refer to STERILE Nasogastric Feeding Tubes on pages 52-54.

- The tubes listed below must be placed through either a 16Fr or 20Fr MILA PEG tube (on previous page).
- Continuous nutritional support via a jejunal tube positioned in duodenum or jejunum.
- Sealed Twoomey adapter permits evacuation of stomach from side port and placement of J-tube through top port and locks the J tube in place. No up/down slippage or leakage.
- Grip tip on tube for grasping with endoscope.
- Color coded purple luer lock to indicate for enteral nutrition only.
- All sizes have an ENFit™ connection on the proximal end. Two ENFit™ syringes are included.

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





Mic-Key™ Low Profile Gastrostomy Device

Use with MILA Guardian™ to reduce risk of infection. See page 59 for details.

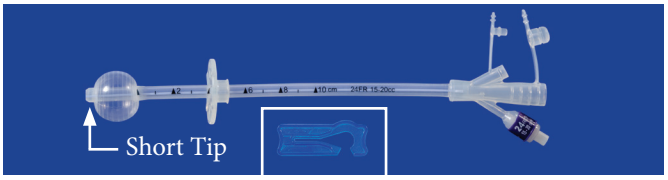
- Unique balloon style cuff enables insertion and removal without trauma after the stoma is formed.
- Kit includes patient care kit with 6cc & 35cc syringes, right angle feeding set, bolus feeding set and caregiver guide.
- Available in 12Fr, 14Fr, 16Fr, 18Fr, 20Fr and 24Fr diameters. Many lengths from 0.8cm up to 5.0cm. Length is measured from the proximal side of the balloon to the skin surface. Scan the QR code to see all available sizes.
- Special order item, allow additional time for delivery.

DESCRIPTION	ITEM #
Mic-Key™ - specify Fr size and length	Mic-Key
Stoma Measuring Device	M5555
24in Right Angle Feeding Set - 5 pack	RFS24
Bolus Feeding Set - 5 pack	BFS12

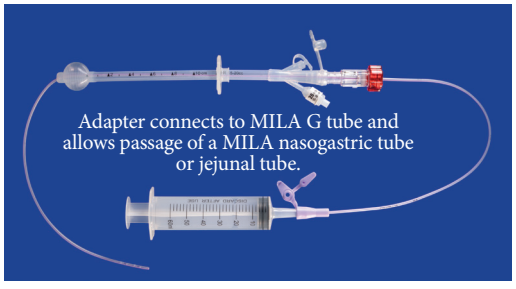
Gastrostomy Catheter

- Surgically placed open-ended silicone G tube with 20cc retention balloon, radiopaque stripe, fixation ring, Y-Port and clamp included. **Item #CYTB sold separately.**
- Ideal for J through G catheterization.

DESCRIPTION	ITEM #
20Fr x 25cm (10in), fits up to a 10Fr G tube	CYGA20
24Fr x 25cm (10in), fits up to a 12Fr G tube	CYGA24
28Fr x 25cm (10in), fits up to a 14Fr G tube	CYGA28
Tuohy Borst Adapter for Large Bore Catheters	CYTB



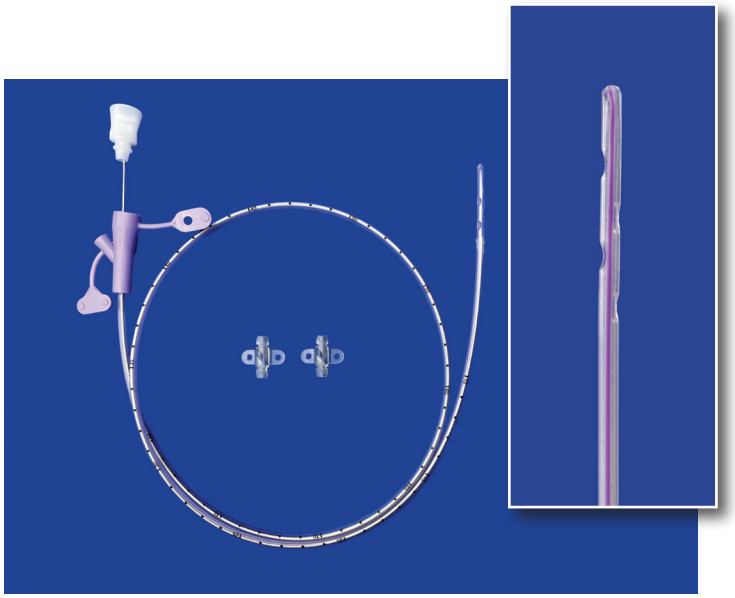
Use with Item #CYTB to prevent the backflow of fluid around the catheter or instrument inserted through the gastrostomy tube.

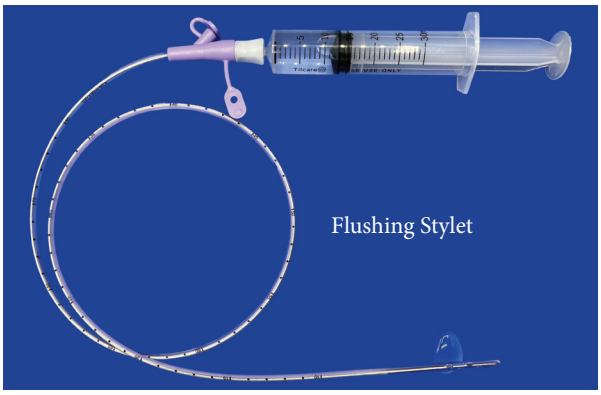


NG Plus Feeding Tube with Flushing Stylet

- Use for gastric decompression and enteral feeding and surgically placed jejunal tubes (see STERILE items listed below).
- Round, soft, atraumatic closed tip with side holes.
- **Flushing stylet pre-loaded in every tube to facilitate insertion and designed to allow easy wire removal in tight turns.**
- Stylet allows the user to reliably test for negative pressure after tube placement and before stylet removal.
- Dual port designed for catheter-tip, luer-lock and luer slip syringes. No adapter required!
- Superior kink resistance.
- Non-irritating, LOW FRICTION, clear radiopaque polyurethane with purple stripe, depth markings and two suture wings to secure the tube in place.
- PURPLE is the recognized SAFETY color code for FEEDING.

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

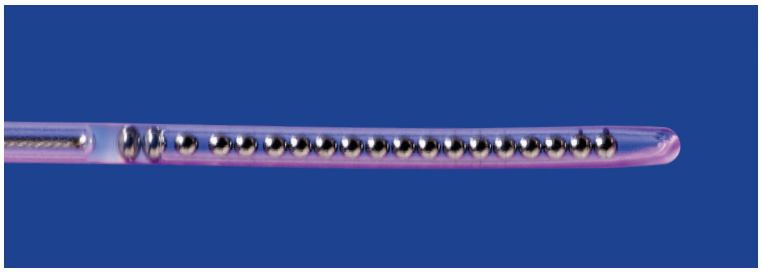




WEIGHTED NG PLUS Feeding Tube with Flushing Stylet

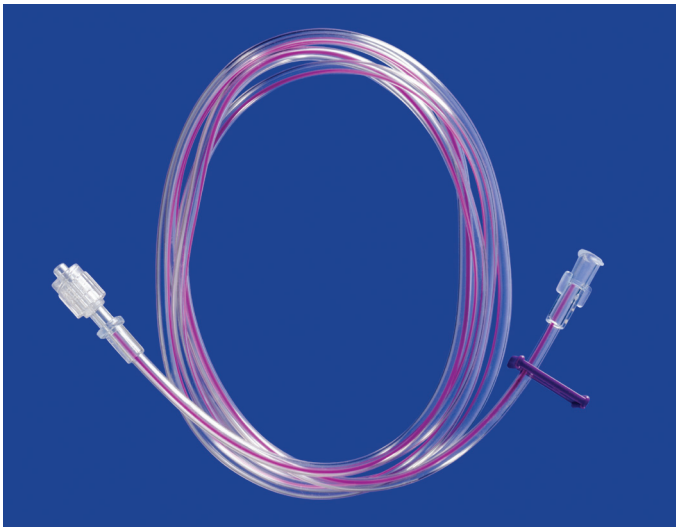
Weighted NG Plus Feeding tubes have all of the same features as non-weighted tubes but with tungsten beads in the distal tip.

DESCRIPTION	ITEM #
6Fr x 55cm (22in) - 1 Gram weight	NGP622W
8Fr x 108cm (43in) - 3 Gram weight	NGP843W
10Fr x 90cm (36in) - 3 Gram weight	NGP1036W
10Fr x 108cm (43in) - 3 Gram weight	NGP1043W
12Fr x 108cm (43in) - 3 Gram weight	NGP1243W



Feeding Tube Extension Set

- Color-coded purple for safety, to indicate feeding.
- Male luer fits the port of all MILA yellow and purple NG Tubes.
- Priming volume is 9.4ml.
- Total length is 152cm/60in.



DESCRIPTION	ITEM #
Large Bore Feeding Tube Extension Set with Rotating Male Luer Lock, Clamp and Female Luer. Priming Volume = 9.4ml 13Ga x152cm (60in)	FTE60

UV-Blocking Extension Sets and Medication Bag Covers

- Amber tubing provides protection for light sensitive liquid medications, reducing the risk of molecule crystallization and photo-degradation.
- Mini-bore UV Blocking extension set with female luer, clamp and rotating male luer lock.
- Set can connect to MILA Nasogastric tube for medication delivered enterally.
- Use with bag cover, item #UVB-B, for complete protection of light-sensitive liquid medications. Includes 10 bag covers.

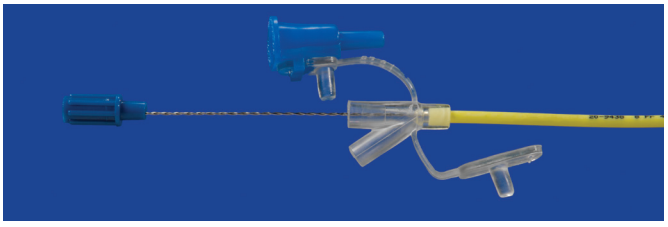
DESCRIPTION	ITEM #
Mini Bore UV Blocking Extension Set with Female Luer, Clamp, Rotating Male Luer Lock	
23Ga x 25cm (10in), Priming Volume = 0.2ml	UVB10
23Ga x 152cm (60in), Priming Volume = 0.65ml	UVB60
1000ml UV Blocking Medication Bag Covers (10 pack)	UVB-B

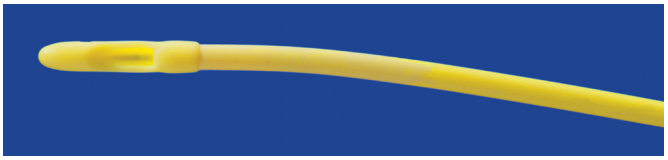
Nasogastric Feeding Tube with Stylet

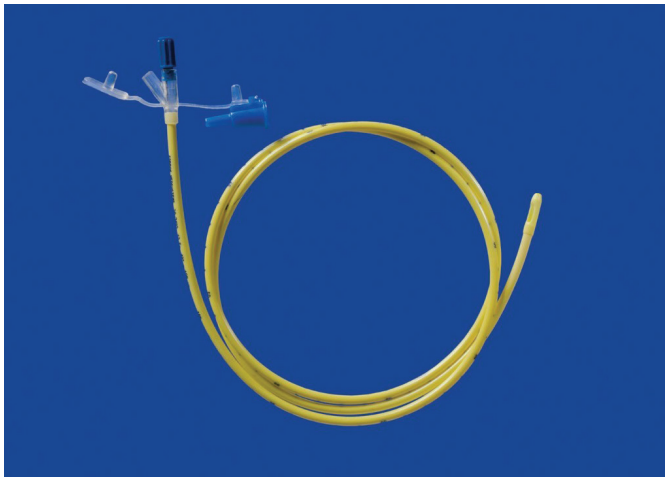
- Use for gastric decompression and enteral feeding.
- Non-irritating radiopaque polyurethane
- Flushing stylet to facilitate insertion
- Centimeter markings
- Y-adapter for feeding, medicating and flushing.
- Suitable for oropharyngeal oxygen delivery.
- Can be used as surgically placed jejunal tube (see STERILE items listed below).

DESCRIPTION	ITEM #
3Fr x 25cm (10in) STERILE	NG310S
5Fr x 56cm (22in) STERILE	NG522S
6Fr x 56cm (22in)	NG622
6Fr x 91cm (36in)	NG636
8Fr x 109cm (43in)	NG843
8Fr x 140cm (55in)	NG855
10Fr x 91cm (36in)	NG1036
10Fr x 109cm (43in)	NG1043
10Fr x 140cm (55in)	NG1055
12Fr x 109cm (43in)	NG1243

See MILA website for link to YouTube video.



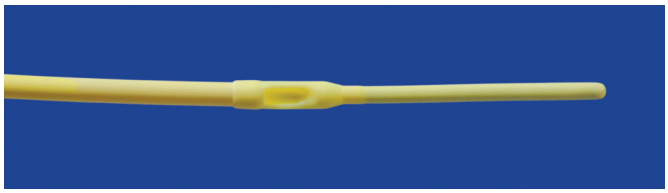




Weighted Nasogastric Feeding Tube with Stylet

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

DESCRIPTION	ITEM #
6Fr x 56cm (22in) - 1 Gram weight	NG622W
8Fr x 109cm (43in) - 3 Gram weight	NG843W-3
8Fr x 109cm (43in) - 7 Gram weight	NG843W-7
10Fr x 91cm (36in) - 3 Gram weight	NG1036W
10Fr x 109cm (43in) - 3 Gram weight	NG1043W
12Fr x 109cm (43in) - 3 Gram weight	NG1243W



NEW

ENFit™ Nasogastric Feeding Tubes

DESIGNED TO REDUCE THE RISK OF TUBING MISCONNECTIONS

- Luer specially designed to only accept ENFit™ connections.
- NON-WEIGHTED and WEIGHTED tubes available in the same sizes as the other nasogastric tubes.
- Accessories with ENFit™ connections also available. See MILA website for more details.
- **Special order item.** Please allow up to 2 weeks for delivery. See MILA website for pricing.

Large Animal Nasogastric Tubes

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

Length Adjustable AFTER Placement

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

Adjusting length of feeding tube after placement:

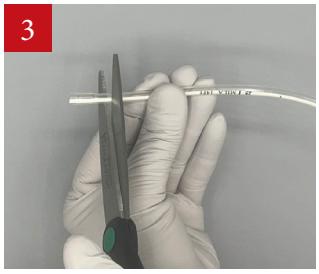
1

Remove hub collar by unscrewing it from the top portion of the Y-adapter.

2

Pull tubing off Y-adapter.

3



Trim tubing to desired length.

4

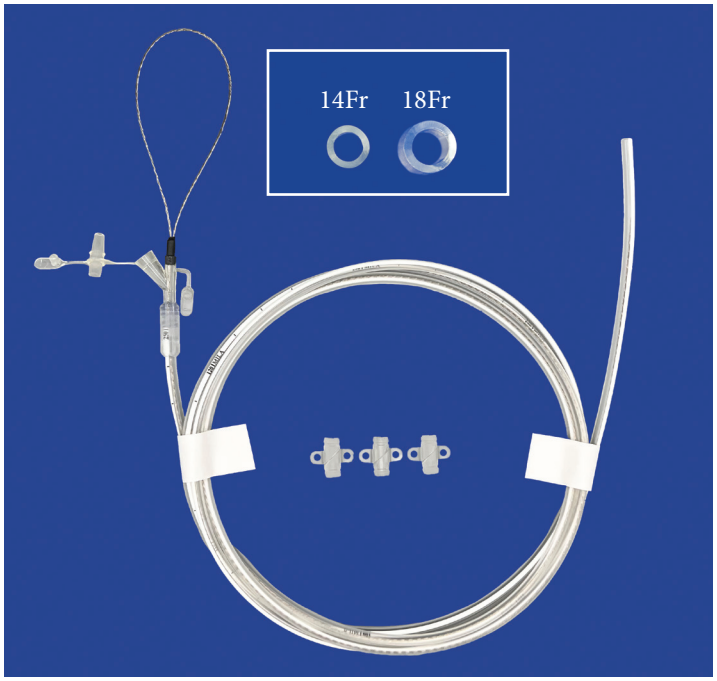
Place hub collar back on tubing. Push tubing back on to Y-adapter, over the barb.

5

Push hub collar up toward the Y-adapter.

6

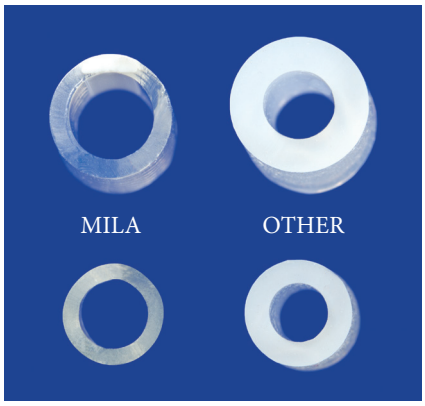
Tighten hub collar by screwing to the top portion of the Y-adapter.



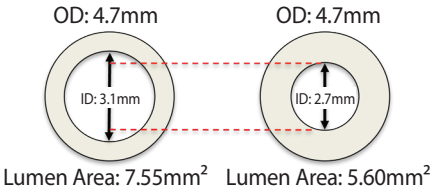
Esophagostomy Feeding Tubes – Polyurethane

Length Adjustable AFTER Placement

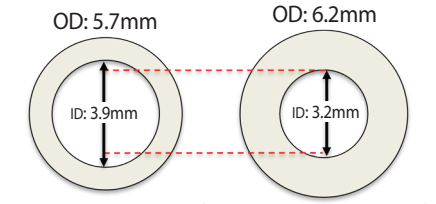
The MILA polyurethane esophagostomy tubes have larger inner diameters and thinner walls, compared to silicone esophagostomy tubes. The larger lumen allows for higher flow rates and reduces the risk of clogging. MILA material technology resists kinking.



14Fr
25% more area with MILA



18Fr*
35% more area with MILA



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

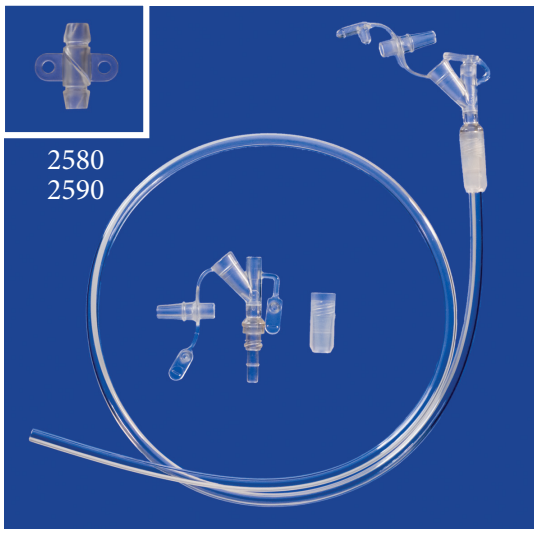
Choose a placement method:

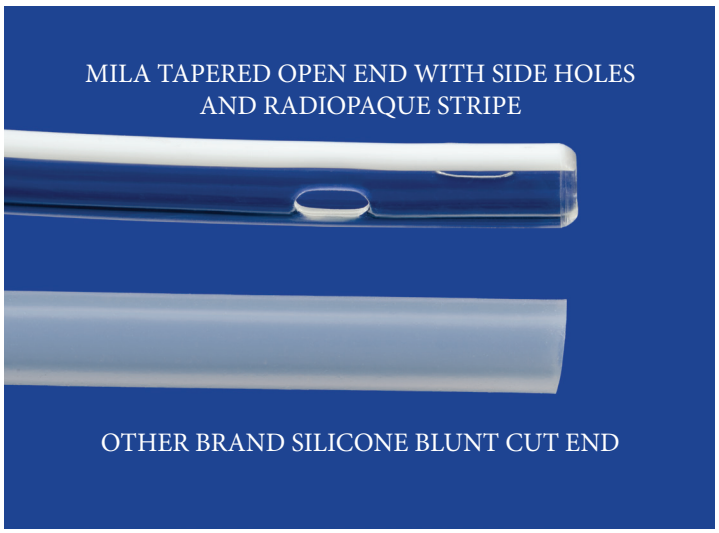
1. MILA Tunneler (ETUN14 or ETUN18) on next page OR
2. Tube passer (BE18MI or BE22MI) on next page OR
3. Place in the usual manner.

- Tapered, open-end with multiple side holes
- CLEAR, non-irritating polyurethane material that resists kinking.
- Secure Y-adapter for feeding, medicating and flushing.
- Length adjustable after placement by cutting the proximal end and replacing Y-adapter.
- Suture wing included (#2580 for 14Fr tubes and #2590 for 18Fr tubes).
- Radiopaque stripe with centimeter markings

Use with MILA Guardian™ to reduce risk of infection.
See page 59 for details.

DESCRIPTION	ITEM #
10Fr length adjustable up to 75cm (30in) - Use with #ETUN14 for placement.	E1030
14Fr length adjustable up to 33cm(13in)	E1413
14Fr length adjustable up to 75cm (30in) - Order 75cm or 125cm length for use with #ETUN14 or #BE18MI for placement.	E1430
14Fr length adjustable up to 125cm (50in), includes stiffening stylet. (No side holes on this size only.)	E1450
18Fr length adjustable up to 75cm (30in) - Use with #ETUN18 or #BE22MI for placement.	E1830
Y-Replacement Kit for 14Fr and 18Fr Esophagostomy Tubes	E-Y
14Fr Suture Wing - 10 pack	2580
18Fr Suture Wing - 10 pack	2590





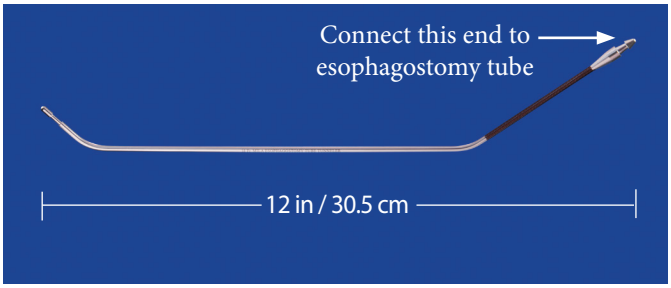
Esophagostomy Feeding Tube Placement

Retrograde Technique:
Tunneler for Esophagostomy Feeding Tube Placement

EASIER AND FASTER – Retrograde tunneling greatly improves the ability to easily, safely and quickly position the MILA length adjustable Esophagostomy Feeding Tubes. See MILA website for link to YouTube video.

DESCRIPTION	ITEM #
14Fr Esophagostomy Tube Tunneler use for sizes 10Fr and 14Fr tubes	ETUN14
18Fr Esophagostomy Tube Tunneler	ETUN18

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. The tube is then cut to the desired length and the Y-adapter secured in place.



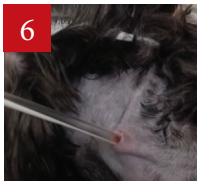
Identify the external landmark for catheter to exit. Measure and mark the esophagostomy tube.

Advance the tunneler through the mouth and into the esophagus. Rotate the tunneler to angle the tip laterally.

Make a small incision down to the tunneler, then advance the tunneler through the incision.

Grasp the end of the tunneler with hemostats to prevent retraction.

Trim flare off the end of the catheter then attach other end of the esophagostomy tube to the tunneler.



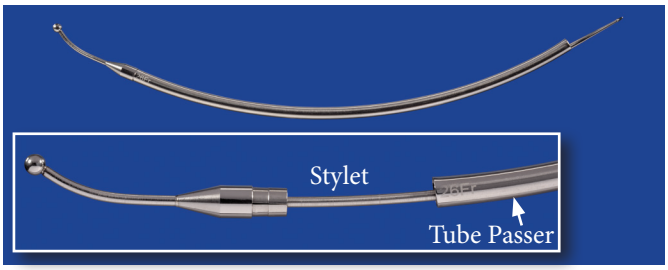
Gently pull the tunneler through the skin until the tube flips.

Trim the tube to desired length and reattach the Y-adapter. Secure the catheter.

Antegrade Technique:
Tube Passer for Esophageal Feeding Tube Placement

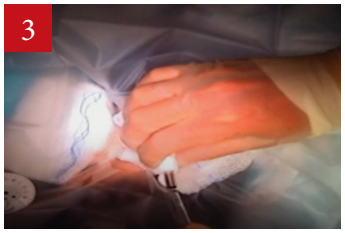
Designed to facilitate placement of E-tubes and reduce the risk of bleeding and subsequent skin infections. It is available in 3 different sizes and is compatible with all E-tubes as well as Esophageal Balloon Dilation Feeding Tubes used for management of esophageal strictures (pages 60-61).
See MILA website for detailed instructions and videos.

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

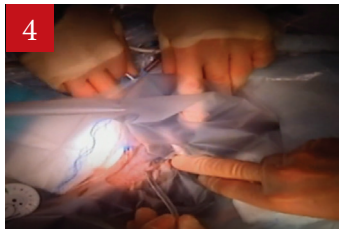


Pass the tip of tube passer between the angle of the mandible and the thoracic inlet, and dorsal to the jugular vein. Push the tube passer through the small incision.

Separate and remove the stylet from the tube passer.



Pass the esophagostomy tube retrograde and withdraw the tube passer via the mouth to avoid passing oral contaminants through the incision.



Pass the tapered end of the esophagostomy tube down the esophagus.

Percutaneous Balloon Catheter Kit for Gastrostomy

Ideal for GOATS

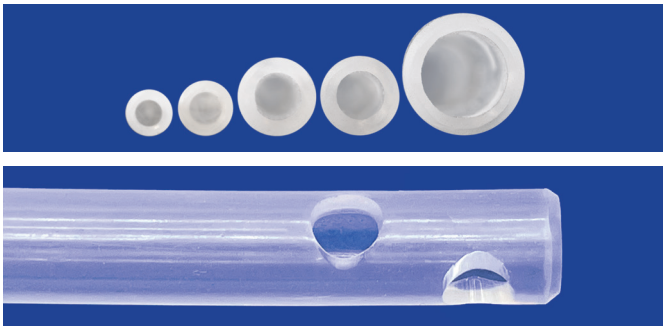
- Introduction uses Seldinger technique and peel-away dilator sheath.
- Open-ended silicone catheter with 20cc retention balloon, centimeter markings and radiopaque stripe.
- 20Fr x 25cm (10in) catheter with Y-port and fixation ring.
- Short catheter tip design reduces the risk of gastric mucosa irritation.
- Large funnel Y-port with tethered caps.
- Adjustable fixation ring prevents catheter migration.
- Kit includes drape, scalpel, catheter-over-needle introducers, 12Fr dilator, 24Fr dilator with peel-away sheath, catheter with clamp, gauze, suture and syringe.

ITEM #	PBC20

Esophagostomy Feeding Tubes – Silicone

- Radiopaque, silicone material.
- Open end with two side holes.
- Female luer lock adapter with tethered cap.
- Suture wing included on all sizes except 30Fr.

DESCRIPTION	ITEM #
12Fr x 38cm (15in)	SE1215
14Fr x 38cm (15in)	SE1415
20Fr x 38cm (15in)	SE2015
20Fr x 55cm (22in)	SE2022
30Fr x 55cm (22in)	SE3022



NEW

MILA Guardian™

Chlorhexidine-Impregnated Protective Foam Disc

Ideal for Drains, Esophagostomy Tubes and Hemodialysis Catheters

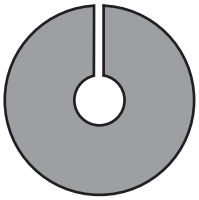
CLINICALLY PROVEN TO REDUCE THE RISK OF CATHETER-RELATED INFECTIONS

- Chlorhexidine dressing with 360° of skin antisepsis protects the entire insertion site of percutaneous devices.
- Designed to reduce risk of infection by absorbing exudate and inhibiting or killing bacteria at insertion site.
- 1 inch (2.54cm) diameter with 7mm center opening and radial slit for easy placement.
- Each disc provides 7 DAYS of protection.

ITEM #	DR7

Front

Back



Actual Size

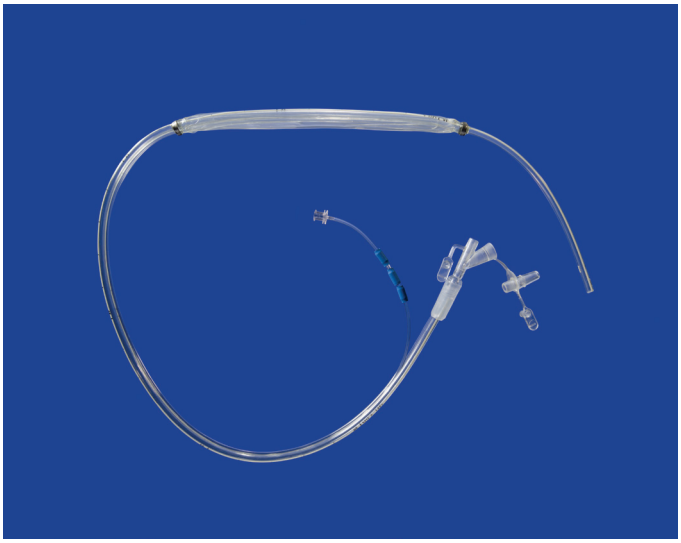
Photo courtesy of Carolyn Tai, CVT, VTS (ECC) (SAIM), Tufts University

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.

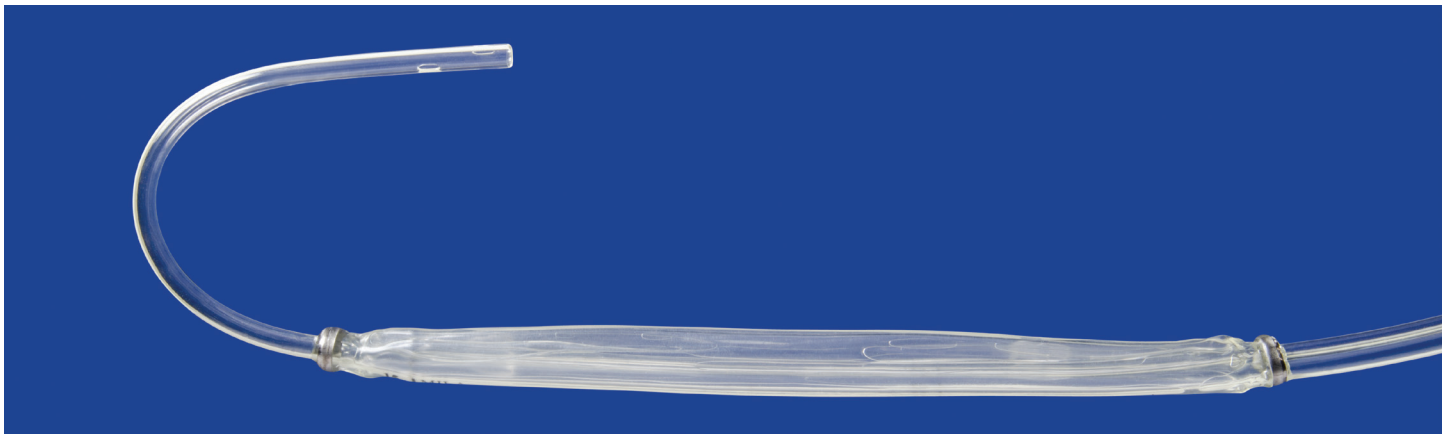
DESIGN: The BE-tube features a double balloon surrounding the feeding tube. A compliant outer balloon covers a non-compliant inner balloon for optimal, low profile, long term, routine, dilation of strictures performed by the owner at home.

- The tube is clear, non-irritating polyurethane ideal for long term use. Latex free.
- Lateral ports minimize catheter occlusion.
- Radiopaque line for x-ray visualization to aid in precise placement.
- Accessory kit contains two hydrophilic nitinol wires with steerable tip (.035in x 80cm and .035in x 150cm), a Centesis Valve (#175450NB) and a stopcock (#2405).
- Items needed for placement and operation of the BE-tube are the accessory kit, peel-away introducer or stainless steel introducer and inflation device.



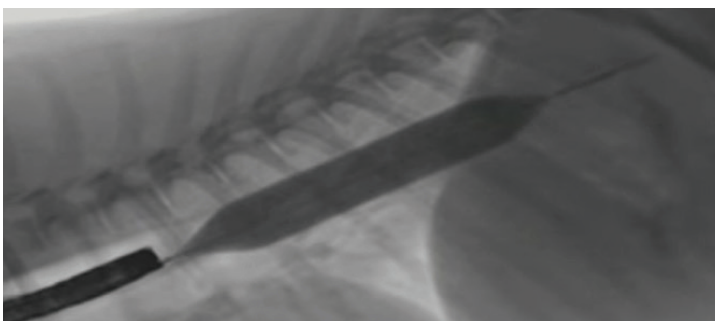
See MILA website for link to YouTube video.

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



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

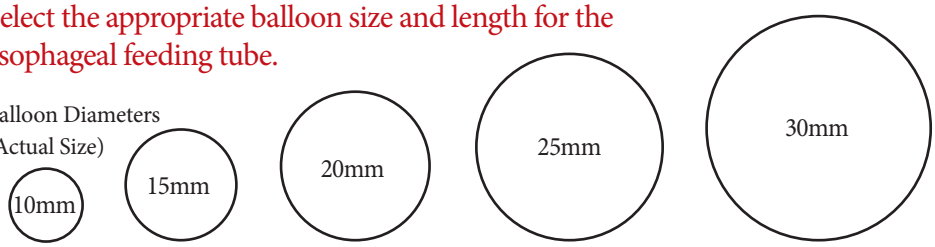
-Chick Weisse, VMD, DACVS

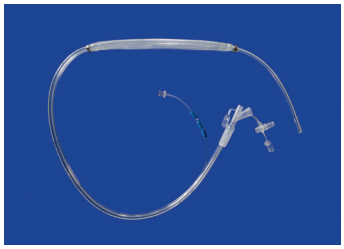


Items Needed to Place and Operate Esophageal Balloon Dilation Feeding Tube

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

Balloon Diameters (Actual Size)





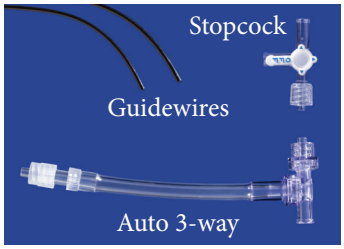
DESCRIPTION	ITEM #
10Fr x 75cm (30in) Feeding Tube with a balloon 10mm diameter x 12cm length - Order with BE18MI.	BE1012
14Fr x 75cm (30in) Feeding Tube with a balloon 15mm diameter x 15cm length - Order with BE22MI.	BE1415
14Fr x 75cm (30in) Feeding Tube with a balloon 20mm diameter x 20cm length - Order with BE22MI.	BE1420
18Fr x 75cm (30in) Feeding Tube with a balloon 25mm diameter x 25cm length - Order with BE18PAI or BE26MI	BE1825
18Fr x 75cm (30in) Feeding Tube with a balloon 30mm diameter x 30cm length - Order with BE18PAI or BE26MI	BE1830

2. Choose ONE: Peel-Away Introducer OR Stainless Steel Introducer

DESCRIPTION	ITEM #
Peel-Away Introducer - Single Use Only	
26Fr x 13cm Sheath for 18Fr tubes	BE18PAI
OR	
Stainless Steel Introducer - Reusable	
18Fr Introducer for 10Fr BE Tube and 14Fr Esophagostomy Tube	BE18MI
22Fr Introducer for 14Fr BE Tube and 18Fr Esophagostomy Tube	BE22MI
26Fr Introducer for 18Fr BE Tube	BE26MI

3. Order the accessory kit which includes:

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



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

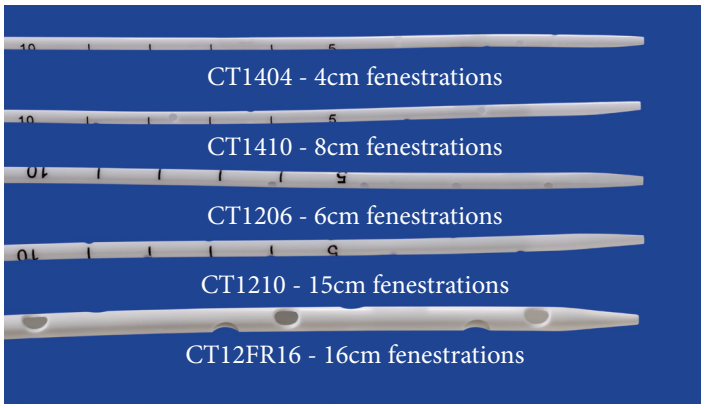
4. Order the inflation device.

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

DESCRIPTION		ITEM #
60cc Inflation Device	**Required**	BE-BIG60

Guidewire Inserted Chest Tube Procedure Kit

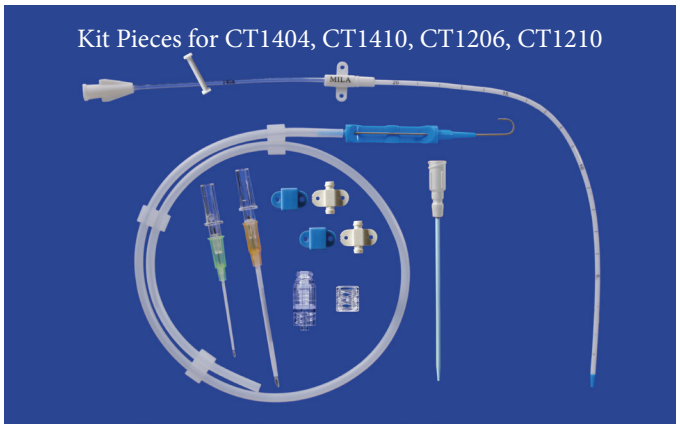
- Place using local anesthetic and sedation.
- Single lumen, radiopaque, polyurethane catheter with multiple fenestrations.
- Use for pyothorax, hemothorax, pneumothorax, emergency peritoneal lavage or pericardial drain.
- Insertion is the Seldinger catheter-over-guidewire technique.
- Stasis valve prevents air from entering chest eliminating the need for a three-way stopcock.
- Additional suture wing for secure length adjustment and attachment.
- 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.

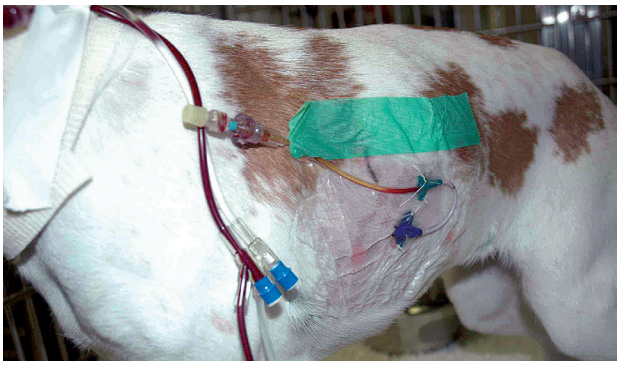


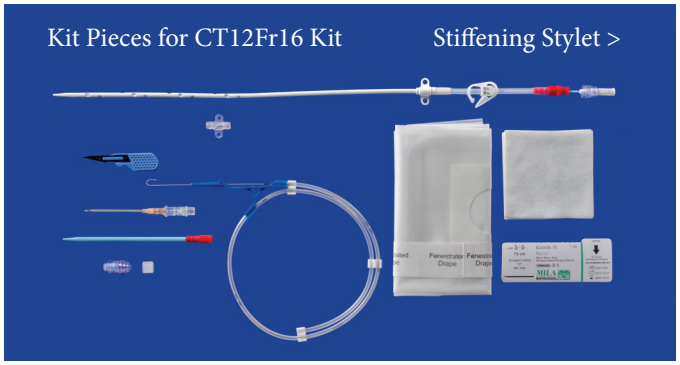
See MILA website for link to YouTube video.

- 12Ga and 14Ga catheter kits include introducer catheters, guidewire, dilator, chest tube catheter, suture wings, stasis valve and cap. 12Fr catheter kit includes a scalpel, introducer catheter, guidewire, dilator, chest tube catheter with pre-loaded stiffening stylet, suture wing, 3-0 suture, stasis valve, cap, drape and gauze.

DESCRIPTION	ITEM #
14Ga x 20cm (8in) Fenestrated up to 4cm, 5 side holes	CT1404
14Ga x 20cm (8in) Fenestrated up to 8cm, 7 side holes	CT1410
12Ga x 20cm (8in) Fenestrated up to 6cm, 7 side holes	CT1206
12Ga x 30cm (12in) Fenestrated up to 15cm, 14 side holes	CT1210
12Fr x 30cm (12in) Fenestrated up to 16cm, 16 side holes	CT12Fr16





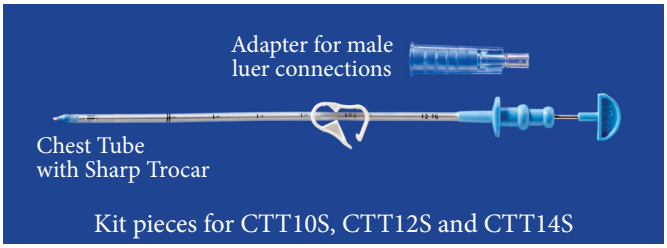


Photos courtesy of Mike Ethier DVM, DVSc, DACVECC

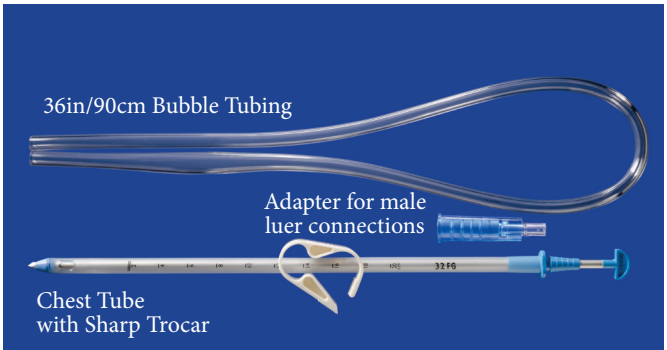
Chest Tube with Sharp Trocar and Adapters

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

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



Kit pieces for CTT10S, CTT12S and CTT14S

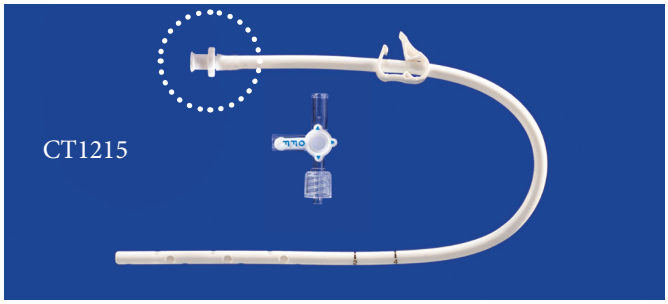


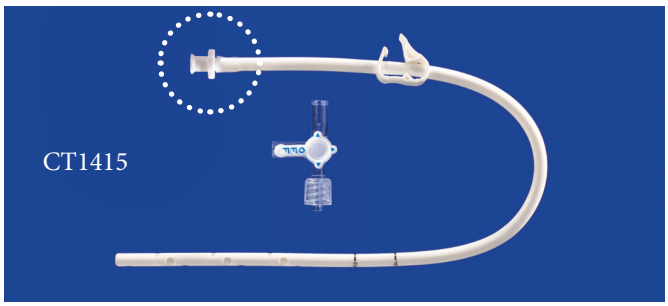
Kit pieces for CTT16 up to CTT32

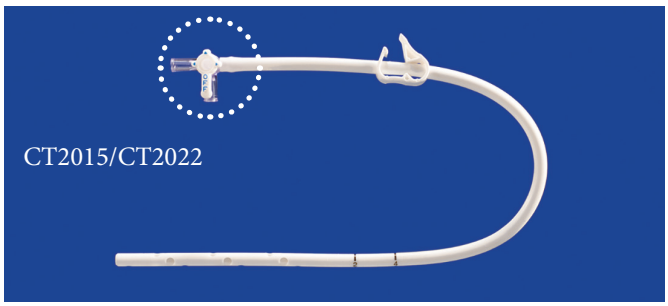
Silicone Chest Tubes

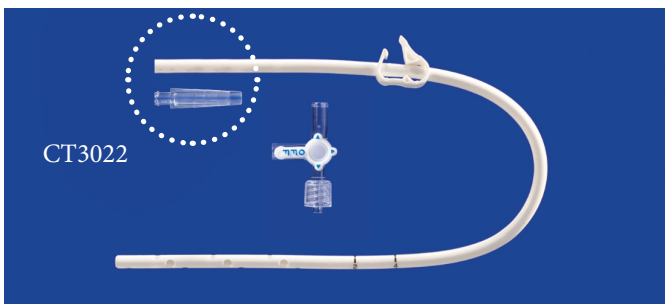
- Very kink resistant.
- Radiopaque, single lumen, open end with multiple side holes.
- Use for drainage of air or fluid.
- Surgically placed.
- Includes clamp, female luer lock barbed adapter or stopcock. See photos below.

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







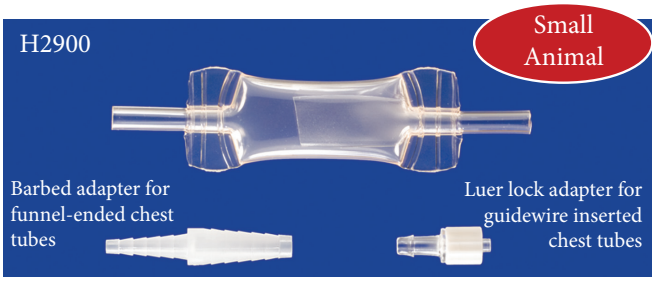


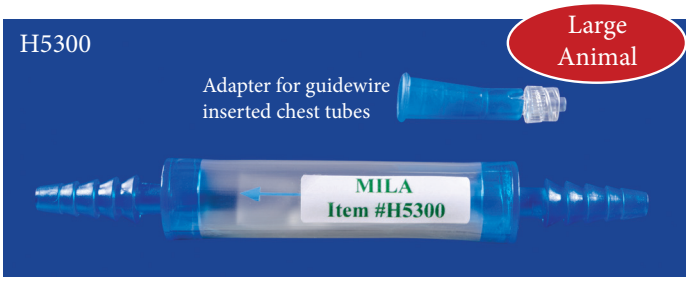
Heimlich Valve

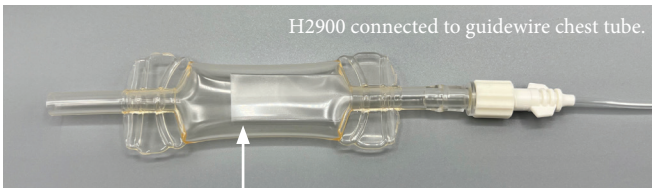
One-way valve to allow for the evacuation of air and/or fluid

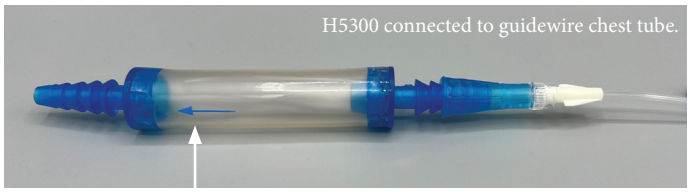
- #H2900 is a pillow style with a male luer lock adapter for guidewire inserted chest tubes and a barbed adapter for funnel-ended chest tubes.
- #H5300 is a semi-rigid cylinder style with an adapter for guidewire inserted chest tubes.

DESCRIPTION	ITEM #
Pillow style, 12cm (5in) pillow length, fits 12-30Fr tubes or catheters with a luer lock hub	H2900
Semi-rigid cylinder style, 16cm (6.5in) cylinder length, fits 20-40Fr tubes and catheters with a luer lock hub	H5300

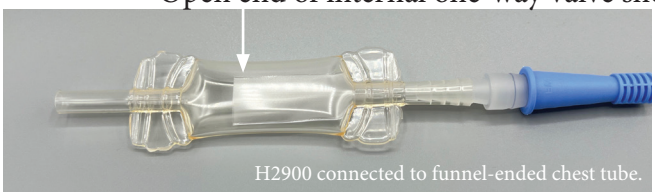








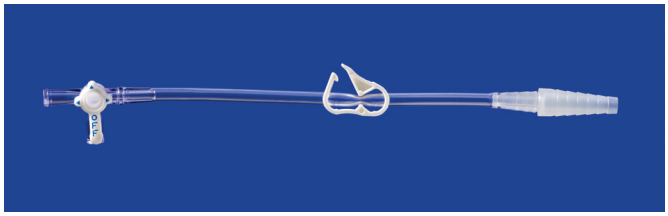
Open end of internal one-way valve should face AWAY from the patient/chest tube.



Chest Tube Adapter with Stopcock

- Adapter includes a three-way stopcock, clamp and barbed adapter.
- Fits 18-34Fr flare-end chest tubes.
- Can be used with a variety of tubes such as drains and nasogastric feeding tubes.

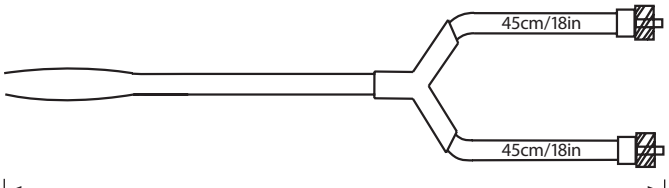
DESCRIPTION	ITEM #
16Fr x 17cm (7in)	175420
20Fr x 25cm (10in)	175425



Suction Connector for Bilateral Chest Tubes

- 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 #
20Fr Suction Set	175800

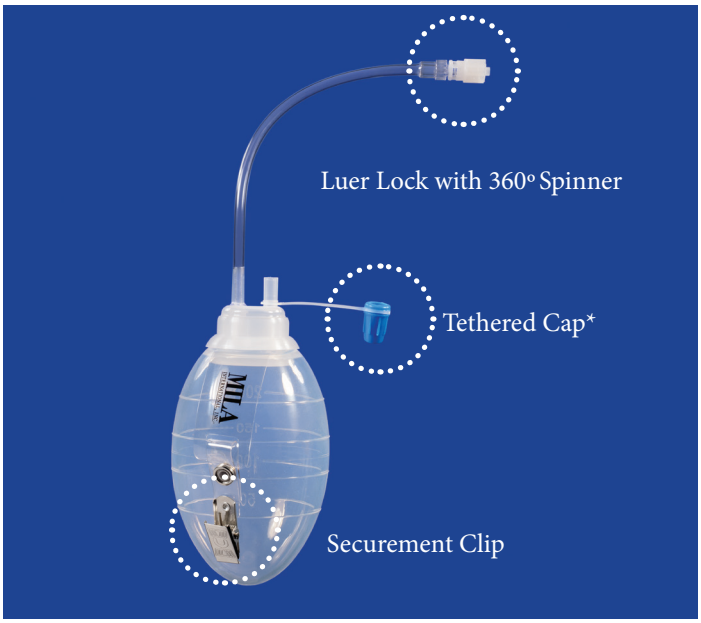


Total length = 55 inches (137.5cm)

Chest Tube Suction Bulb with 360º Spinning Luer Lock Adapter

- 360º spinning luer lock adapter for secure attachment to MILA Guidewire Chest Tube. Resists twisting and kinking of the catheter during movement. Avoids accidental unscrewing.
- Continuous gentle suction.
- Add female luer lock barbed adapter (Item #2350) for use with chest tubes that have a flared proximal end (other manufacturers).
- Internal anti-reflux valve to prevent backflow of fluid to the patient.
- Volume markings provide easy measurement.

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



* Item number CG400 has a push-on cap.

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

NOTE: To reduce the risk of contamination, do not reconnect the suction bulb if it becomes disconnected. If the stasis valve is disconnected from the chest tube extension, immediately clamp the extension and replace it with a new (sterile) stasis valve (Item #8200 on page 21).

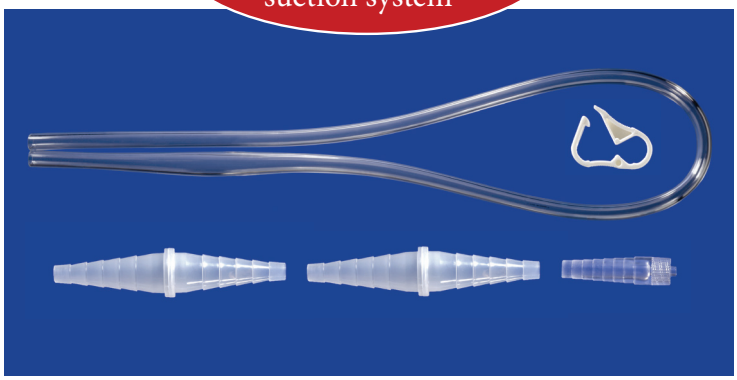
All MILA guidewire chest tube kits include a stasis valve.

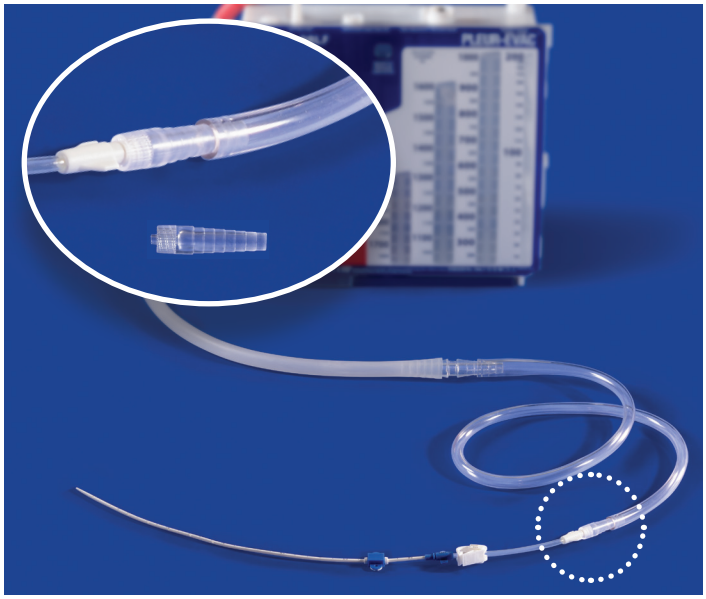
Chest Tube Adapter for Suction Systems

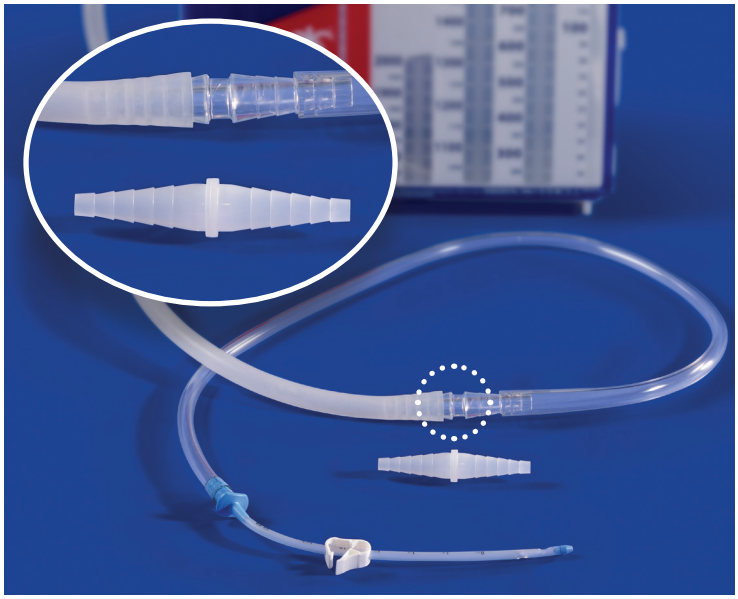
- Securely connect female luer lock or funnel style chest tubes to suction systems from other manufacturers (e.g. Pleur-evac® and Thora-Seal™).
- Contains three barbed adapters and bubble tubing that can be trimmed to fit the suction device.

ITEM #	175380

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





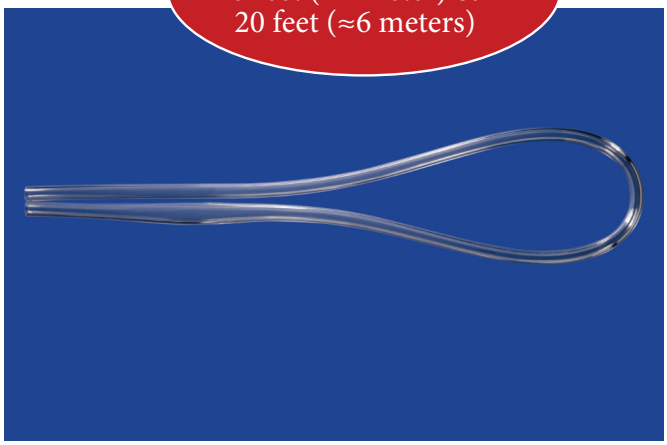


Bubble Tubing

- Has an inconsistent inner and outer diameter (wide and narrow areas every few feet) making it versatile.
- Cut sections to transition between unequal barbed connectors. For example, connecting a small barbed adapter from a chest drain to a large barbed adapter on a Pleur-evac® suction set.
- Keep for a variety of unpredictable needs related to stomach tubes, feeding tubes, chest tubes, O_2 delivery, etc.

DESCRIPTION	ITEM #
3 Feet (≈1 meter) in length, Sterile	BT03
20 Feet (≈6 meters) in length, Non-sterile	BT20

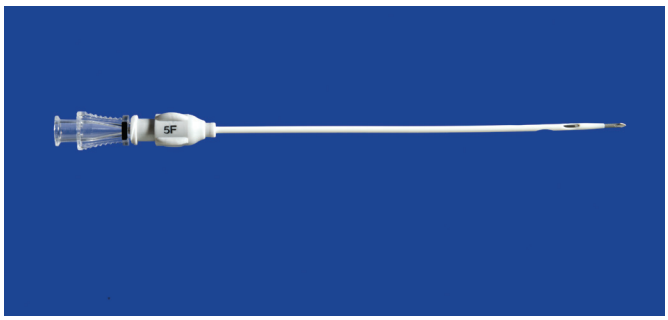
Available in 3 feet (≈1 meter) & 20 feet (≈6 meters)

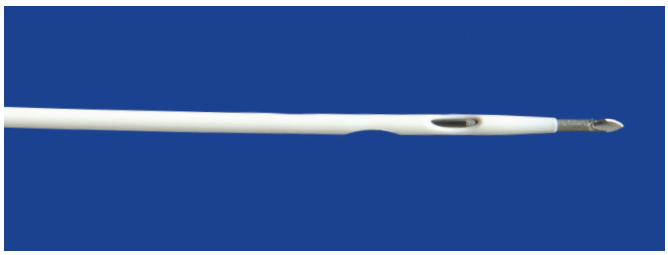


Echogenic Fenestrated Centesis Catheters

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

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



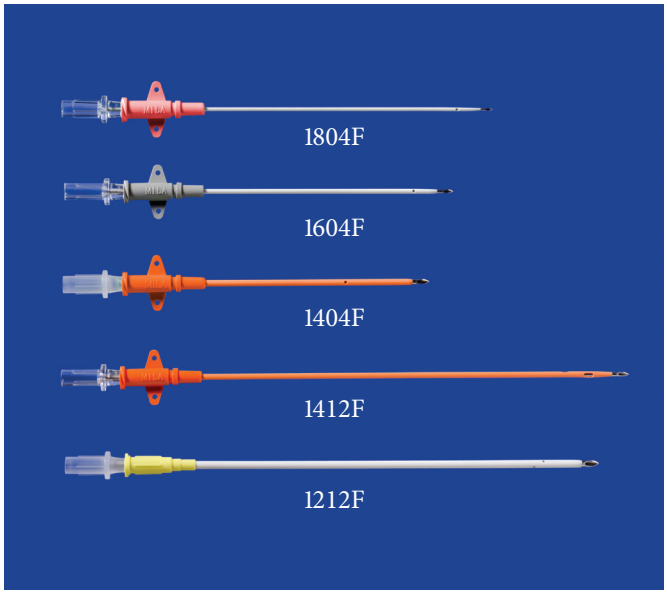


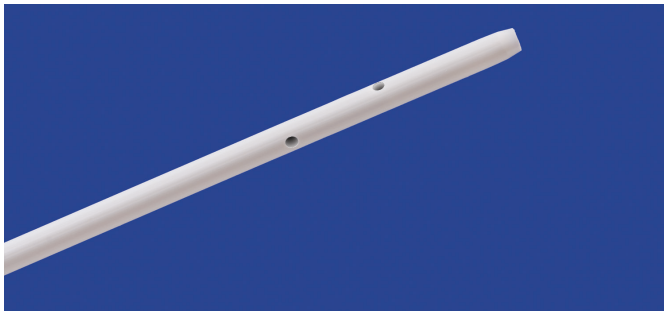
Fenestrated Centesis Catheters

Great for tapping pericardial effusion in dogs.

- Catheter-over-needle style designed for smooth transition off of the stylet.
- Fenestrated with three side holes at the distal end. Item #1212F has four side holes.

DESCRIPTION	ITEM #
18Ga x 9cm (3.5in)	1804F
16Ga x 7.5cm (3in)	1604F
14Ga x 9cm (3.5in)	1404F
14Ga x 13cm (5.25in)	1412F
12Ga x 13cm (5.25in)	1212F



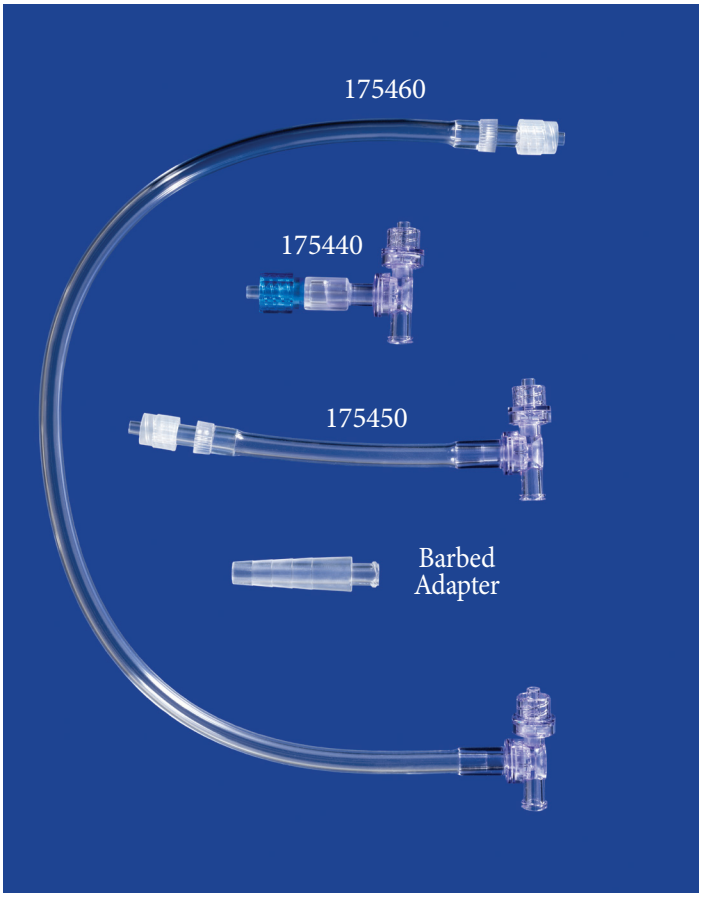


Centesis Adapters – Automatic 3-Way

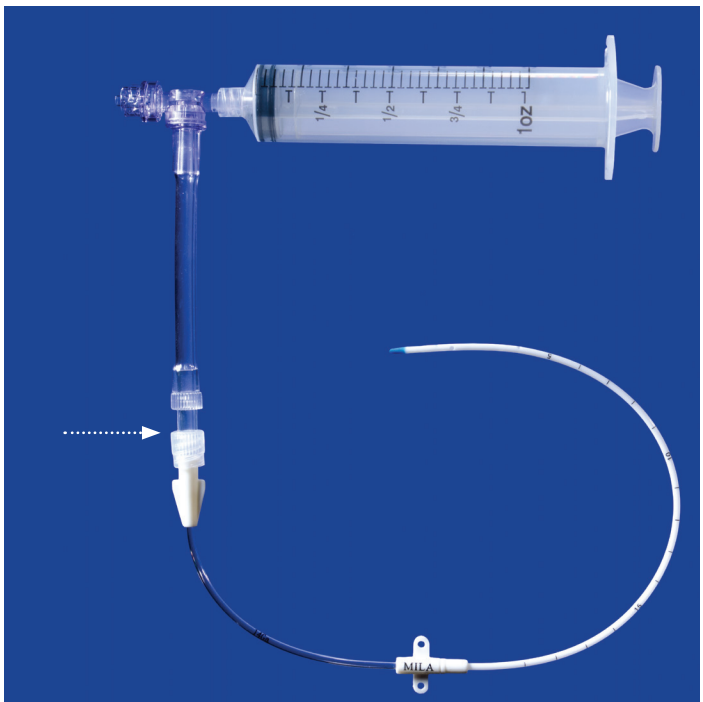
Drainage Bag with Spike Port Included

- Unique valve allows aspiration and evacuation without disconnecting the syringe and without turning a stopcock. SAVES TIME AND AVOIDS MISTAKES.
- Use as a chest tube adapter to avoid risks associated with three-way stopcocks.
- Use for chest tap, belly tap or anytime you want to remove a large volume of air or fluid.
- See pages 98-99 for information on use for AUTOTRANSFUSION.
- KIT INCLUDES:
  - 1000ml collection bag with anti-reflux valve, 38cm/15in drain line with luer lock, pull-down fluid drain port and spike port for autotransfusion.
  - Centesis Adapter
  - Female luer lock barbed adapter that fits 20-40Fr flared tubes
  - 60cc Syringe
- Centesis adapters also sold individually. See item numbers with "NB" below.

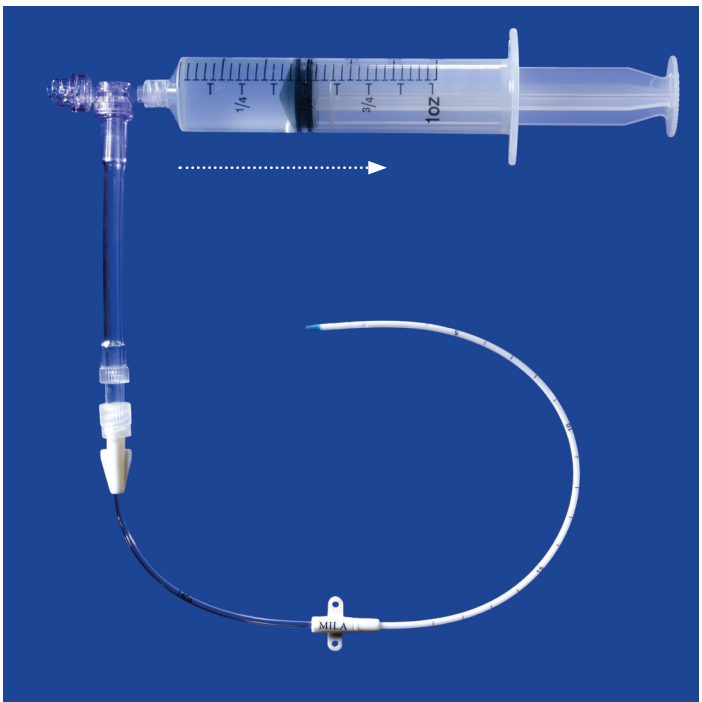
DESCRIPTION	ITEM #
CENTESIS ADAPTER KITS: Better Value	
Centesis Adapter with Spin Luer Lock - No Extension	175440
Centesis Adapter with total Length 12.5cm (5in)	175450
Centesis Adapter with total Length 40cm (16in)	175460
ADAPTERS ONLY:	
Centesis Adapter with Spin Luer Lock	175440NB
Centesis Adapter with total Length 12.5cm	175450NB
Centesis Adapter with total Length 40cm	175460NB



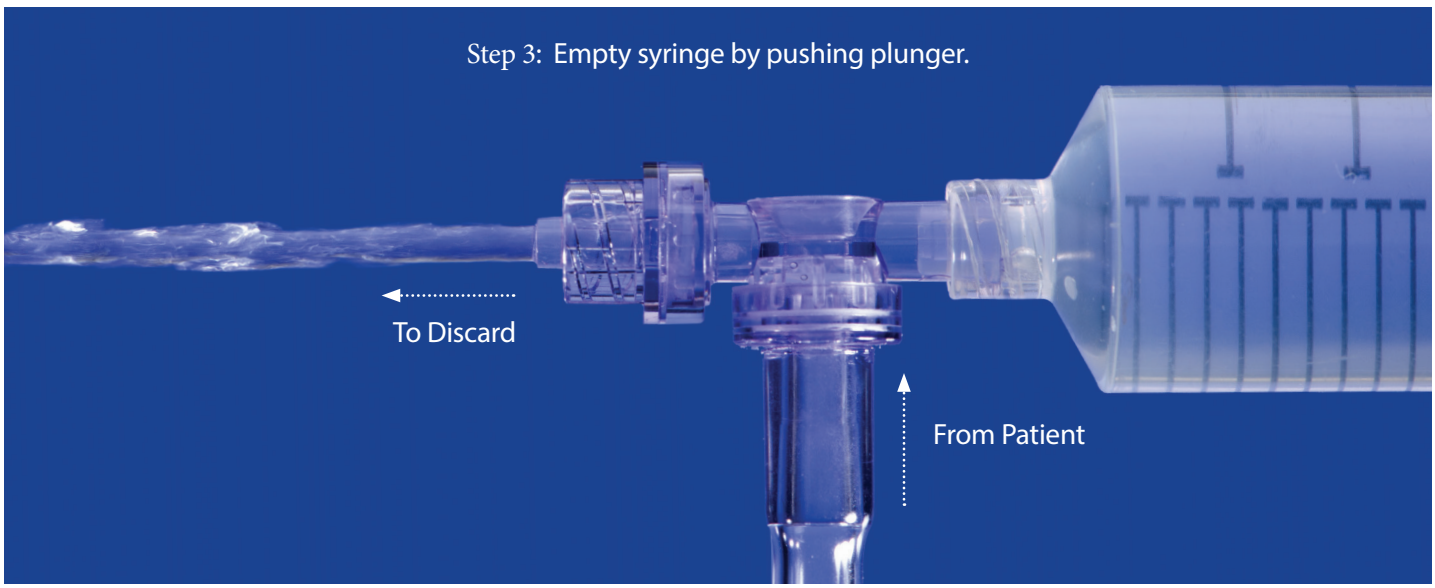
How the Automatic 3-Way Works:



Step 1: Attach chest tube or centesis catheter.



Step 2: Aspirate fluid/air by pulling back on syringe.



See MILA website for link to YouTube video.

STIMPOD 450X

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

  » General anesthesia for the purpose of establishing the efficacy of a neuromuscular blocking agent using noninvasive surface electrodes (not supplied)

  OR

  » Regional anesthesia for the purpose of:

  - Nerve mapping using noninvasive nerve mapping probe (supplied)
    OR
  - Nerve locating using invasive electrodes (not supplied) or needles (supplied).

- Ability to adjust current, pulse width and twitch frequency.
- Visual and audible feedback is given when the target current and pulse width ranges are reached indicating probable nerve proximity.
- Displays real time waveforms of the currents delivered. Pause mode allows changing stimulus parameters without stimulating.
- Non-linear current adjustment. User can pre-program 20 different current and pulse width settings.
- All items listed below are needed for basic nerve stimulation:

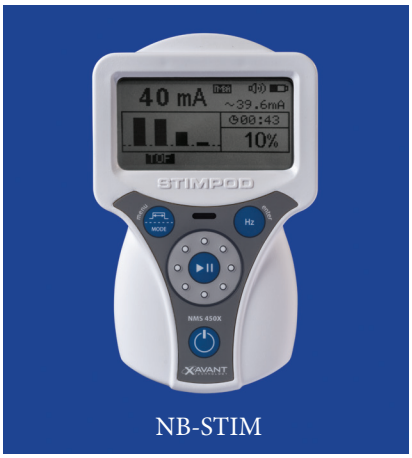
  1. Stimpod (Item #NB-STIM)
  2. Nerve Location and Mapping Probe Cable (Item #NBMP)
  3. Stimulating Needles (Item #NB2205, NB2108 or NB2110)
  4. Crocodile Clip (Item #NBCC). Included with Item #NBMP and #NBCA.

See MILA website for information about educational courses.

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



NB-STIM

NBMP

NBCA

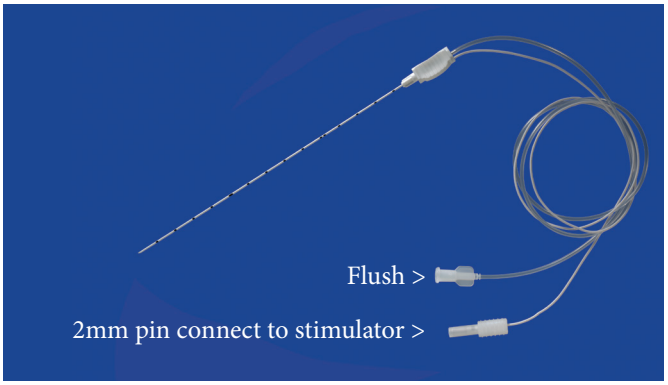
NBCC

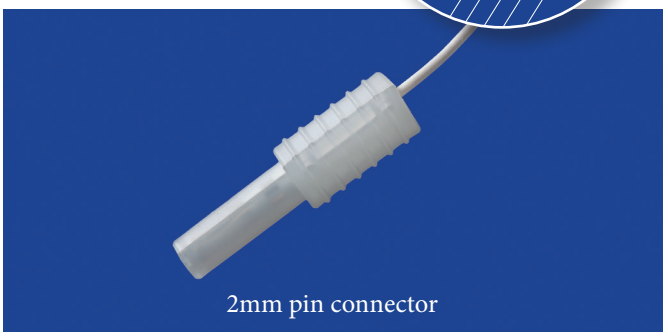
Stimulating Echogenic Needles

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

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

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





Echogenic Needles for Ultrasound

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

NERVE BLOCK NEEDLES

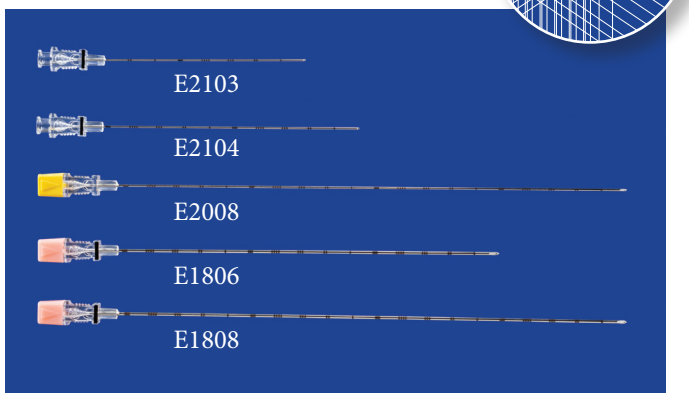
- Use for nerve block injections.
- Clear needle tip visualization under ultrasound for safe and precise needle placement.
- Needle bevel is 30° back-cut.

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

MSK/SPINAL NEEDLES

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

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

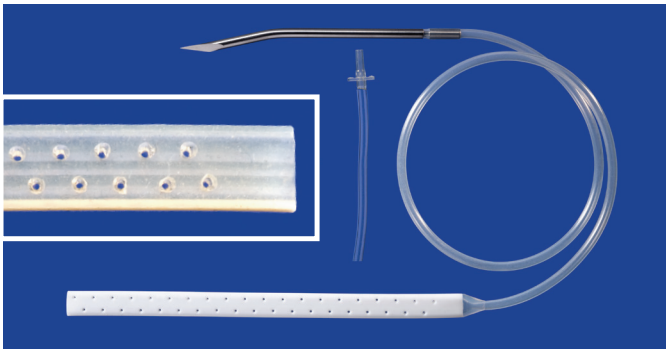


Jackson Pratt Drain with Trocar

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

DESCRIPTION	ITEM #
4.5mm with 8Fr (2.7mm) trocar and adapter	JP4
7mm with 15Fr (5.0mm) trocar	JP7
10mm with 15Fr (5.0mm) trocar	JP10
13mm with 16Fr (5.3mm) trocar	JP13

Select a suction grenade on page 73 to complete the CLOSED system.

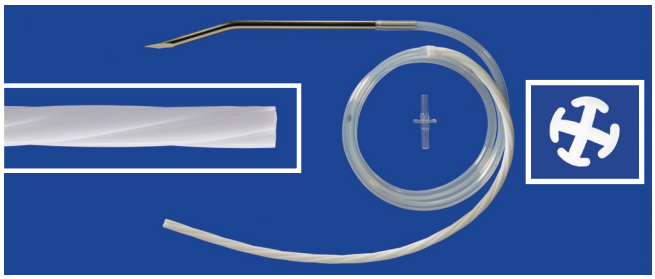


Spiral Drain with Trocar

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

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

Select a suction grenade on page 73 to complete the CLOSED system.



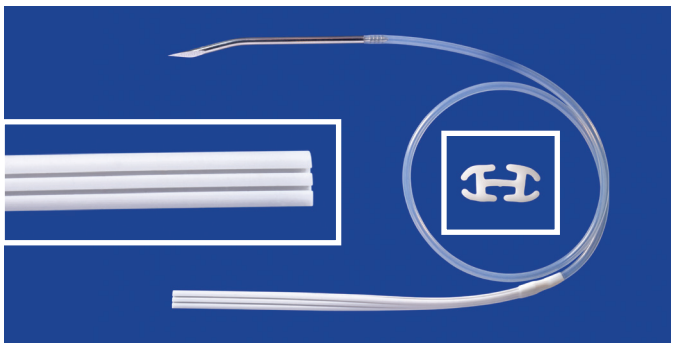
Blake Drain with Trocar

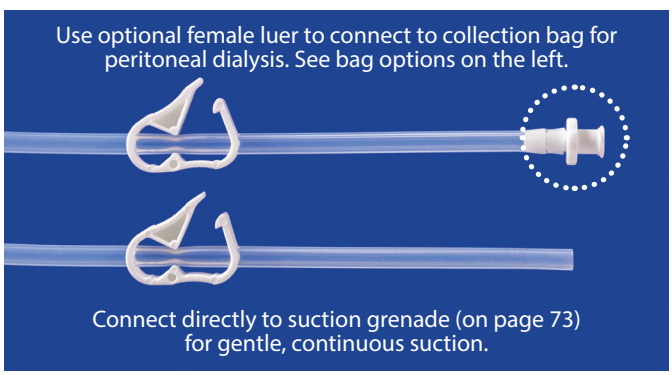
- Design of drain allows fluid to move through channels. The only suction is at the proximal end of the channels, so OMENTUM DOES NOT STICK.
- Silicone radiopaque fluted drain.
- Length of drain area is 20cm (8in), overall length is 80cm (32in).
- Ideal for peritoneal dialysis.
- Length adjustable -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

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

Select a suction grenade to on page 73 complete the CLOSED system or select one of the collection bag kits below for peritoneal dialysis.

DESCRIPTION	ITEM #
600cc Collection Bag Kit	UC600K
1000cc Collection Bag Kit	UC1000K
2000cc Collection Bag Kit	UC2000K





Grenade – Continuous Suction for Drain

- Squeeze the air out of the bulb and attach to the drain. Recoil of the bulb creates suction.
- Closed system for fluid collection.
- Attach to any drain - Blake, Jackson Pratt and Spiral.
- Luer lock cap for secure closure and syringe emptying on the 100, 150 and 200cc. 400cc has a push-on cap.
- Low pressure design provides continuous gentle suction and minimizes tissue trauma.
- Volume markings provide easy measurement.
- Internal anti-reflux valve to prevent backflow of fluid to the patient.
- Metal clip for secure attachment.
- Silicone.

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

50ml Bellows Suction System

- Squeeze the air out of the bellow and attach to the drain. Recoil of the bellow creates suction.
- 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.

ITEM #	G050

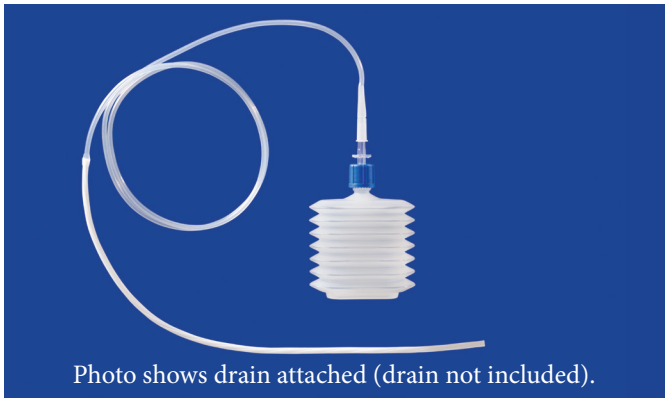


Photo shows drain attached (drain not included).

NEW

MILA Guardian™

Chlorhexidine-Impregnated Protective Foam Disc

Ideal for Drains, Esophagostomy Tubes and Hemodialysis Catheters

CLINICALLY PROVEN TO REDUCE THE RISK OF CATHETER-RELATED INFECTIONS

- Chlorhexidine dressing with 360° of skin antisepsis protects the entire insertion site of percutaneous devices.
- Designed to reduce risk of infection by absorbing exudate and inhibiting or killing bacteria.
- 1 inch (2.54cm) diameter with 7mm center opening and radial slit for easy placement.
- Each disc provides 7 DAYS of protection.

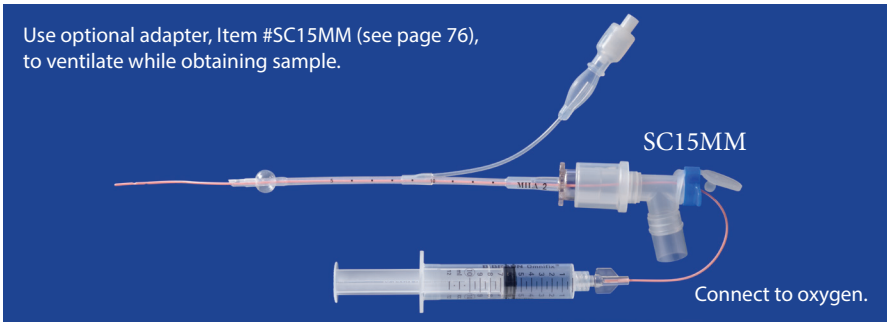
ITEM #	DR7

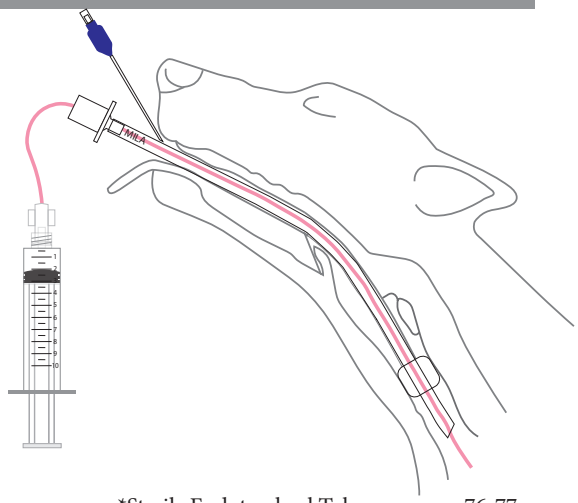
Actual Size

Tracheal Wash & Bronchoalveolar Lavage (BAL) – Small Animal

Blind Method (Tube through Sterile Endotracheal Tube)

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



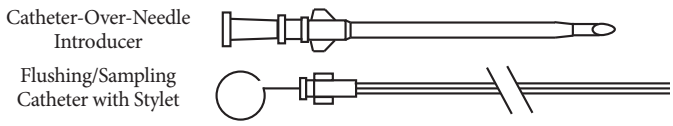


*Sterile Endotracheal Tubes on pages 76-77.

DESCRIPTION	ITEM #	FITS STERILE ET TUBE SIZES	STERILE ET TUBE ITEM #*
3.5Fr x 40cm (16in)	PP316	2.0mm ID, up to 16.5cm in length	ETC20
5Fr x 40cm (16in)	PP516	2.5 - 4.5mm ID, up to 27cm in length	ETC25R-ETC45R
8Fr x 55cm (22in)	PP822	5.0 - 10.0mm ID, up to 38.5cm in length	ETC50R-ETC100R
8Fr x 108cm (42in)	PP842	10.0 - 11.0mm ID, up to 57.5cm in length	ETC1055, ETC1155
Double Swivel ET Tube Adapter	SC15MM	******Fits all endotracheal tubes with 15mm connectors******	

Transtracheal Technique: Medium to Large Dogs

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



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

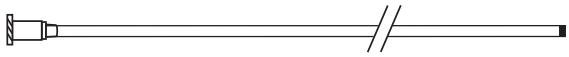
Cytobrush

Collects tissue or mucus samples from the bronchi or upper or lower GI tracts.

See page 75 for additional information.

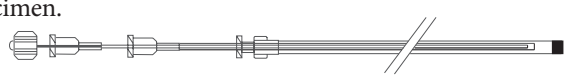
Endoscopic Guided BAL: Small and Large Animal

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



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

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



DESCRIPTION	SCOPE CHANNEL SIZE	ITEM #
Two stage catheter 1.8mm OD x 190cm (76in)	2.0mm	EMAC700
Two stage catheter 1.8mm OD x 250cm (100in)	2.0mm	EMAC700L
Triple stage catheter 2.3mm OD x 190cm (76in)	2.5mm	EMAC800

Tracheal Wash & Bronchoalveolar Lavage (BAL) – Large Animal

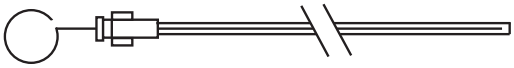
Transtracheal Technique: Large Dogs, Neonate Foals, Horses

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

10 Gauge Steel Introducer with Sheath

14 Gauge Catheter-Over-Needle

Flushing/Sampling Catheter



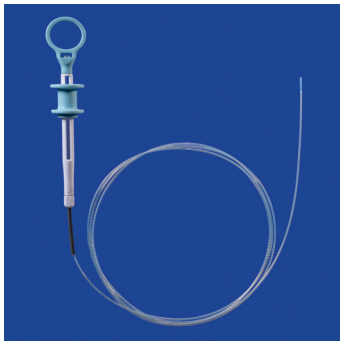
DESCRIPTION	ITEM #
HORSES/FOALS - 12Ga x 70cm (28in) flushing catheter with 10Ga introducer	TW1228
NEONATE FOALS/LARGE DOGS - 16Ga x 70cm (28in) flushing catheter with 14Ga introducer	TW1628

Cytobrush: Small and Large Animal

Cytobrush collects tissue or mucus samples from the bronchi or upper/lower gastrointestinal tracts.

- 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.
- Sheathed catheter with plug for sample protection is 1.8mm x 180cm.
- 10mm bristled brush with outside diameter of 2mm and radiopaque distal end cap.
- Handle with ring provides easy deployment and retraction of brush.

DESCRIPTION	SCOPE CHANNEL SIZE	ITEM #
1.8mm x 180cm (72in)	2.0mm	CYT180



Bronchoalveolar Lavage (BAL)

- Open-end, silicone, radiopaque, heavy wall tube for lavage via the nasotracheal route.
- Distal 30cc balloon cuff can be inflated to prevent retrograde fluid flow around the tube and help stabilize placement.
- Two-way fitting allows simultaneous connection for both irrigation and aspiration. One stopcock included.
- Reuse of silicone tube requires sterilization and replacement of stopcock.

DESCRIPTION		ITEM #
24Fr - 8mm OD, 2.5mm ID, 200cm (79in)	NEW	BAL200
30Fr - 10mm OD, 2.5mm ID, 240cm (96in)		BAL240
30Fr - 10mm OD, 2.5mm ID, 300cm (120in)		BAL300
Replacement Stopcock (10 pack)	RECOMMENDED	2400
Controlled Flushing Set - to administer flush aloquots from a bag rather than multiple syringes. - see page 96		CFS36

Non-Cuffed Endotracheal Tubes

- Silicone material - MRI compatible
- Radiopaque
- Stylet included
- Sterile
- Reusable (Ethylene Oxide sterilization recommended)

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

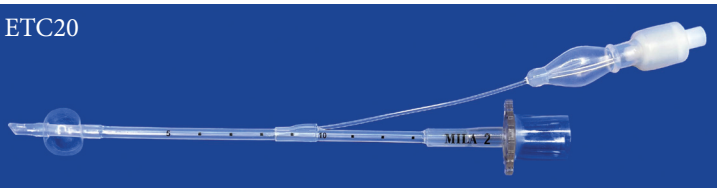
Proximal fitting accepts a 15mm adapter.

Cuffed Endotracheal Tubes

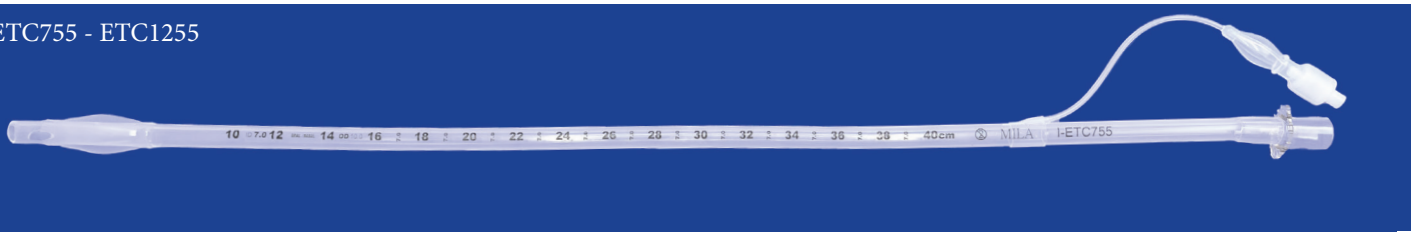
- Silicone material - MRI compatible
- Sterile
- Reusable (Ethylene Oxide sterilization recommended)

DESCRIPTION	ITEM #
2.0mm ID, 4.0mm OD - 12Fr x 14cm (5.5in)	ETC20
7.0mm ID, 10.0mm OD - 30Fr x 55cm (22.5in)	ETC755
8.0mm ID, 11.3mm OD - 34Fr x 55cm (22.5in)	ETC855
9.0mm ID, 12.7mm OD - 38Fr x 55cm (22.5in)	ETC955
10.0mm ID, 14.0mm OD - 42Fr x 55cm (22.5in)	ETC1055
11.0mm ID, 15.7mm OD - 47Fr x 55cm (22.5in)	ETC1155
12.0mm ID, 17.0mm OD - 51Fr x 55cm (22.5in)	ETC1255

ETC20



ETC755 - ETC1255

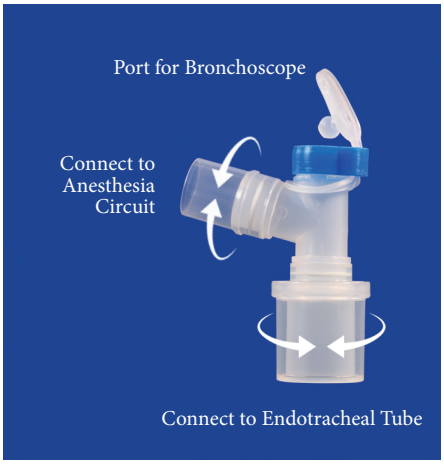


Double Swivel Endotracheal Tube Connector with Capped Port, 15mm

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

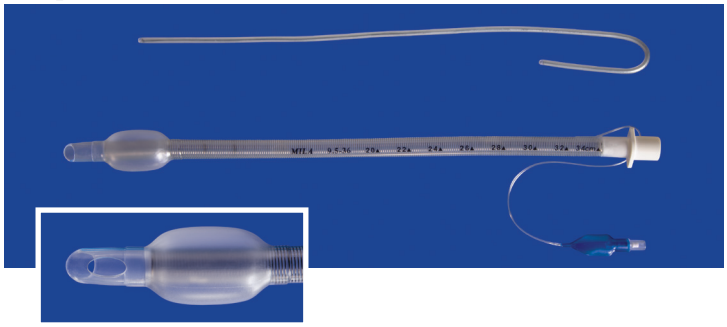
- Integrated access port facilitates bronchoscopy, BAL and suction without circuit disconnection.
- Maintains seal around scope during bronchoscopy procedure. Seal accepts bronchoscope diameters from 3.4 to 5.9mm.
- 360º Double Swivel Feature: Both the male and female 15mm connectors allow greater patient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

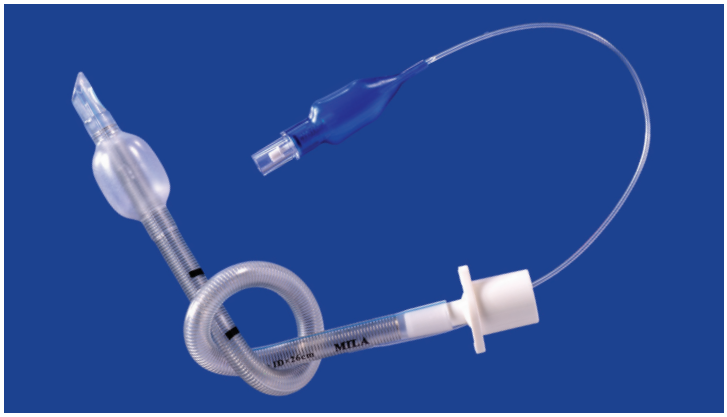
ITEM #	SC15MM



Reinforced Endotracheal Tubes with Malleable Stylet

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



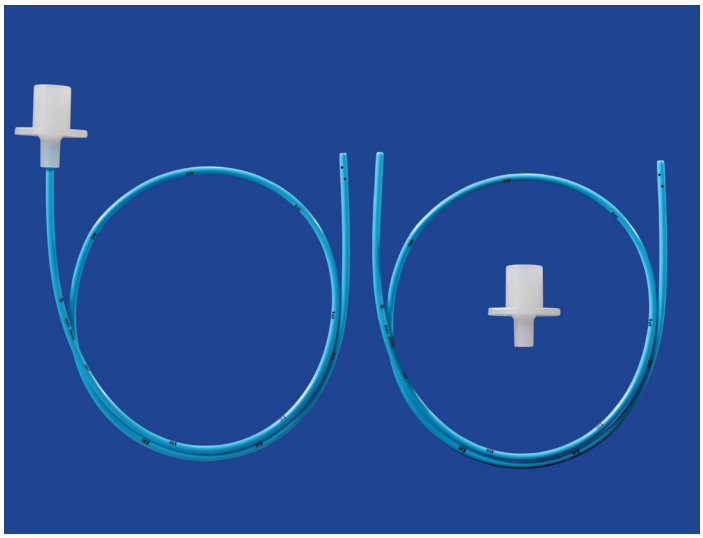


DESCRIPTION	ITEM #
2.5mm ID, 4.5mm OD - 13Fr x 19.5cm (7.6in)	ETC25R
3.0mm ID, 5.0mm OD - 15Fr x 20.5cm (8.1in)	ETC30R
3.5mm ID, 5.7mm OD - 17Fr x 22cm (8.7in)	ETC35R
4.0mm ID, 6.1mm OD - 18Fr x 23.5cm (9.3in)	ETC40R
4.5mm ID, 6.7mm OD - 20Fr x 24.5cm (9.6in)	ETC45R
5.0mm ID, 7.4mm OD - 22Fr x 26cm (10.2in)	ETC50R
5.5mm ID, 7.9mm OD - 24Fr x 27.5cm (10.8in)	ETC55R
6.0mm ID, 8.5mm OD - 25Fr x 30cm (11.8in)	ETC60R
6.5mm ID, 9.1mm OD - 27Fr x 31cm (12.2in)	ETC65R
7.0mm ID, 9.5mm OD - 28Fr x 32cm (12.6in)	ETC70R
7.5mm ID, 10.2mm OD - 31Fr x 36cm (14.2in)	ETC75R
8.0mm ID, 11.0mm OD - 33Fr x 36cm (14.2in)	ETC80R
8.5mm ID, 11.7mm OD - 35Fr x 36cm (14.2in)	ETC85R
9.0mm ID, 12.3mm OD - 37Fr x 36cm (14.2in)	ETC90R
9.5mm ID, 13.0mm OD - 39Fr x 36cm (14.2in)	ETC95R
10.0mm ID, 13.7mm OD - 41Fr x 36cm (14.2in)	ETC100R

Airway/ET Tube Exchange Catheter

Great addition to your ventilator patient supplies.

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



DESCRIPTION	ITEM #	FITS ET TUBE SIZES:
8Fr x 80cm (32in)	ETE0880	larger than 3.0mm OD
10Fr x 80cm (32in)	ETE1080	larger than 4.0mm OD
10Fr x 150cm (60in)	ETE10150	larger than 4.0mm OD
15Fr x 80cm (32in)	ETE1580	larger than 6.0mm OD

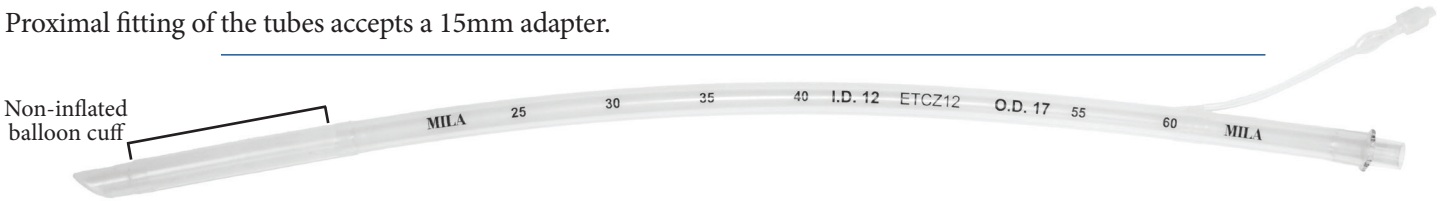
NEW

Silicone Cuffed Endotracheal Tubes - EXTRA LONG

The MILA Cuffed Silicone Endotracheal Tubes are appropriate for both oral and nasal intubation, as clinically decided. The inflated balloon cuff allows pressurized assisted ventilation by preventing gas loss.

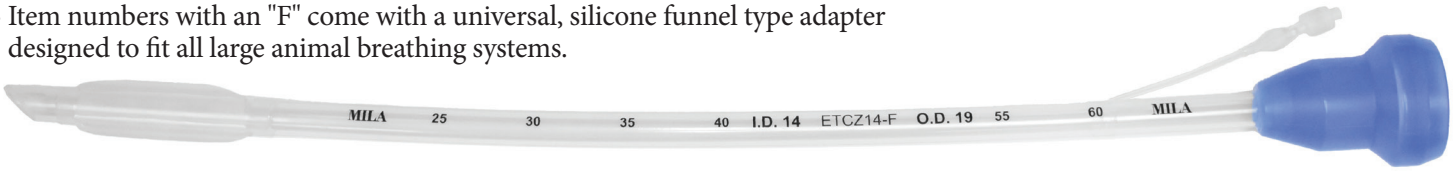
- Medical grade, transparent silicone
- Murphy eye with beveled radiopaque tip
- Reinforced seal around balloon pilot lines for increased durability
- Ethylene Oxide sterilization recommended but can be autoclaved.
- Non-sterile
- Reusable
- Proximal fitting of the tubes accepts a 15mm adapter.

NEW!
Ideal for nasotracheal intubation in equids and smaller camelids.



DESCRIPTION	ITEM #
ID 12mm, OD 17mm, Length 70cm (27.5in), 15mm connector	ETCZ-12
ID 14mm, OD 19mm, Length 70cm (27.5in) , 15mm connector	ETCZ-14

- Item numbers with an "F" come with a universal, silicone funnel type adapter designed to fit all large animal breathing systems.



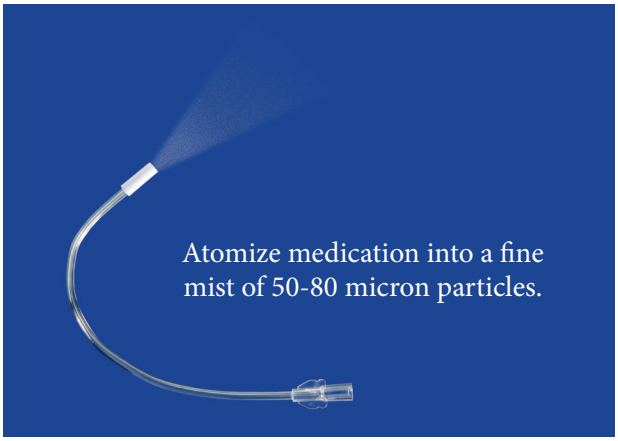
DESCRIPTION	ITEM #
ID 12mm, OD 17mm, Length 70cm (27.5in), Funnel hub	ETCZ-12-F
ID 14mm, OD 19mm, Length 70cm (27.5in), Funnel hub	ETCZ-14-F

Atomizer / Throat Sprayer

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

- 15Fr (4.7mm) tip x 6.5 inch (15cm) malleable, wire-reinforced 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 10cm upon exiting the sprayer tip under 25Kpa pressure to form an area of diameter of no less than 7cm.

ITEM #	5380



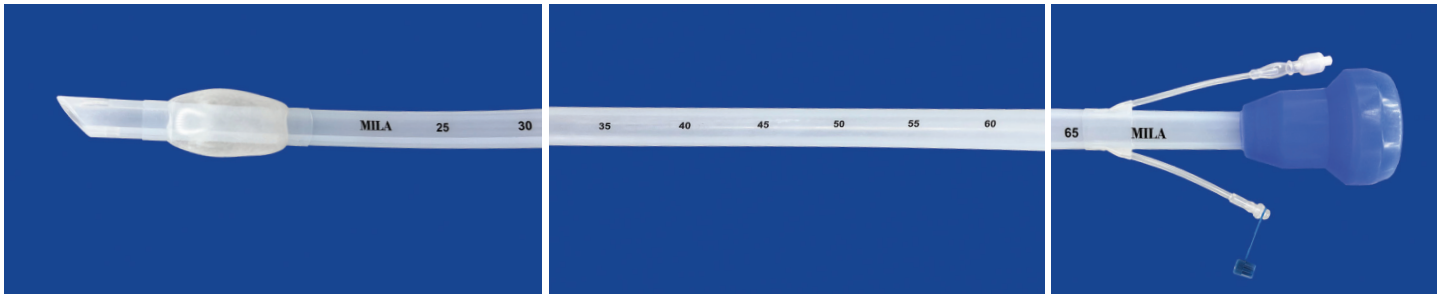
NEW

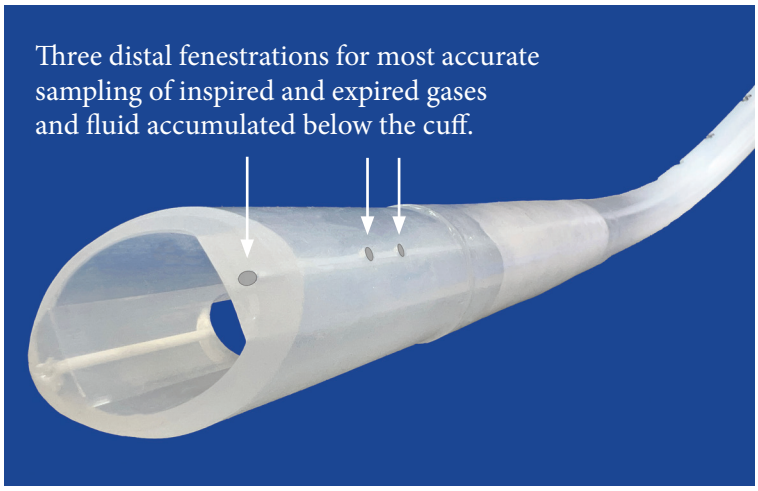
Large Animal Silicone Endotracheal Tubes with Distal End Sample Port

NEW!

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

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



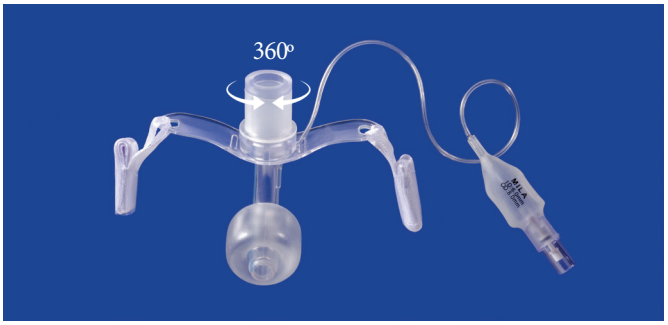


DESCRIPTION	ITEM #
ID 16mm, OD 22mm, Length 70cm (27.5in)	LAET16
ID 18mm, OD 24mm, Length 75cm (29.5in)	LAET18
ID 20mm, OD 26mm, Length 90cm (35.4in)	LAET20
ID 22mm, OD 30mm, Length 90cm (35.4in)	LAET22
ID 24mm, OD 32mm, Length 100cm (39.4in)	LAET24
ID 26mm, OD 35mm, Length 100cm (39.4in)	LAET26
ID 28mm,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

Cuffed

- Low Pressure Cuff
- Strap
- Spinner Adapter

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



Cuffed

- Obturator
- Low Pressure Cuff
- Cloth Ties

DESCRIPTION	ITEM #
6.0mm ID x 8.0mm OD - Length 53mm	TTC60
6.5mm ID x 8.7mm OD - Length 58mm	TTC65
7.0mm ID x 9.4mm OD - Length 67mm	TTC70
7.5mm ID x 10.1mm OD - Length 73mm	TTC75
8.0mm ID x 10.8mm OD - Length 77mm	TTC80
8.5mm ID x 11.5mm OD - Length 80mm	TTC85
9.0mm ID x 12.2mm OD - Length 87mm	TTC90
9.5mm ID x 12.9mm OD - Length 93mm	TTC95
10.0mm ID x 13.6mm OD - Length 93mm	TTC100

Cuffed with Obturator, and Inner Cannula

Recommended choice when size permits.

- Obturator
- Kits include:
  - » TWO Inner Cannulas with 15mm Connector
  - » Cap
  - » Brush
  - » Strap
- Cannulas allow for cleaning without removing the trach tube.
- The multiaxial flange on the outer cannula allows for increased patient comfort during movement.

Scan the QR code to see a demonstration.

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

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

Non-Cuffed with 15mm Spinning Connector

- Cloth Ties
- Spinner Adapter

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

Epidural Pain Management Kit

- Catheter through tuohy needle introduction.
- Epidural catheter with wire stylet.
- 20Ga catheter is 90cm/36in, 24Ga catheter is 25cm/10in.
- Closed end with side holes.
- Length adjustable
- Kit includes catheter with wire stylet, Tuohy introducer needle, loss-of-resistance syringe, 0.2 micron bacteria filter, luer lock catheter clamp, suture wing, scalpel, drape and tape measure.

DESCRIPTION	ITEM #
24Ga catheter - 20Ga x 4.5cm (1.75in) tuohy needle	9243
20Ga catheter - 18Ga x 7.5cm (3in) tuohy needle	9203
20Ga catheter - 18Ga x 15cm (6in) tuohy needle	9206

See MILA website for YouTube video.

Epidural Kit Pieces

Tuohy Needle

Needle Tip (Top View)

Needle Tip (Side View)

Stimpod 450X

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

See page 70 for details.

Diffusion Catheter/ Soft Tissue Incision Catheter

for Pain Management

- 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.
- Designed to deliver local anesthetics to the surgery site for several days.
- Surgically place in the deepest layer of closure, or by using a 5Fr (#4205 or 4205.5) peel-away introducer for wounds.
- Ideal for amputation incisions, traumatic wounds, mammary strips, total ear canal ablation and thoracic/ sternal surgery.
- Use with the MILA administration pump (see page 89), a syringe or IV pump for continuous infusion.

DESCRIPTION		ITEM #
2in (5cm) Dispersion Area Catheter size: 16Ga x 11cm (4.5in)		DIFF2
4in (10cm) Dispersion Area Catheter size: 16Ga x 30cm (12in)		DIFF4
6in (15cm) Dispersion Area Catheter size: 16Ga x 30cm (12in)		DIFF6
7.5in (18cm) Dispersion Area Catheter size: 16Ga x 30cm (12in)		DIFF7
9in (22.5cm) Dispersion Area Catheter size: 16Ga x 30cm (12in)		DIFF9
.2 Micron Filter Individually packed / sterile	(10 pack)	2420

See MILA website for sample protocols and dosages by Emily McCobb DVM MS DACVA or scan the QR code.

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

Opioid-free soft tissue pain management.

Closed Medication System

Protect Veterinary Healthcare Personnel

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

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

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

Closed Vial Access Adapter

- Functions as a pressure equalization device, utilizing a sealed expansion chamber that establishes and maintains neutral pressure when air or diluent is injected into or aspirated from the vial.
- Connects to 13mm and 20mm vials. Permanently locks on to the vial to prevent disconnection and reduces exposure.
- Use any luer lock syringe to access the vial. No need to prime syringe with non-filtered air.
- Drip free connection
- Multi-use
- 0.10ml priming volume

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

Swabable

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

Closed Male Luer Valve

- Connects to any luer lock syringe. Permanently locks on to the syringe to prevent disconnection and reduces exposure.
- Passive safety system that locks and closes the fluid path upon disconnection from vial adapter.
- Drip free disconnection
- Simple permanent locking feature prevents disconnection and reduces exposure.
- 0.06ml priming volume
- Single Use

Item #12-007

Closed Female Luer Valve

- Needle-free female luer connects onto any butterfly needle or catheter. Designed to reduce exposure after drug infusion.
- Drip free disconnection
- 0.06ml priming volume
- Single Use

Item #12-004

Swabable

Infusion Access Device Spike with Closed Female Luer

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

Item #12-008

Swabable

Closed System Transfer Device - From Vial to Syringe

How it Works:

Snap on vial adapter.

Connect male luer valve onto syringe.

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

Disconnect syringe from vial adapter.

Connect female valve onto the patient's vascular device.

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

Disconnect syringe and dispose.

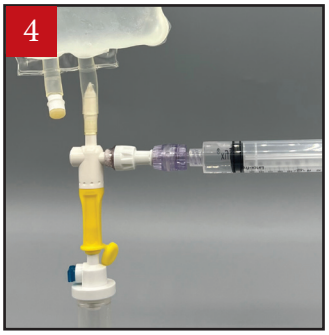
Closed System Transfer Device - From IV Bag to Syringe

How it Works:

Spike fluid bag with access device.

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

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



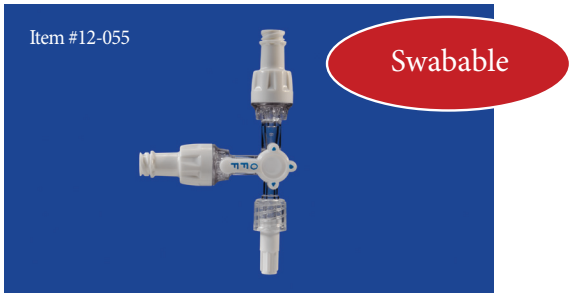
Connect male luer valve to female luer valve on access device and infuse medication into bag.

Disconnect syringe and dispose.

Oncology Accessories

EZ Fill - Syringe to Syringe Transfer Device

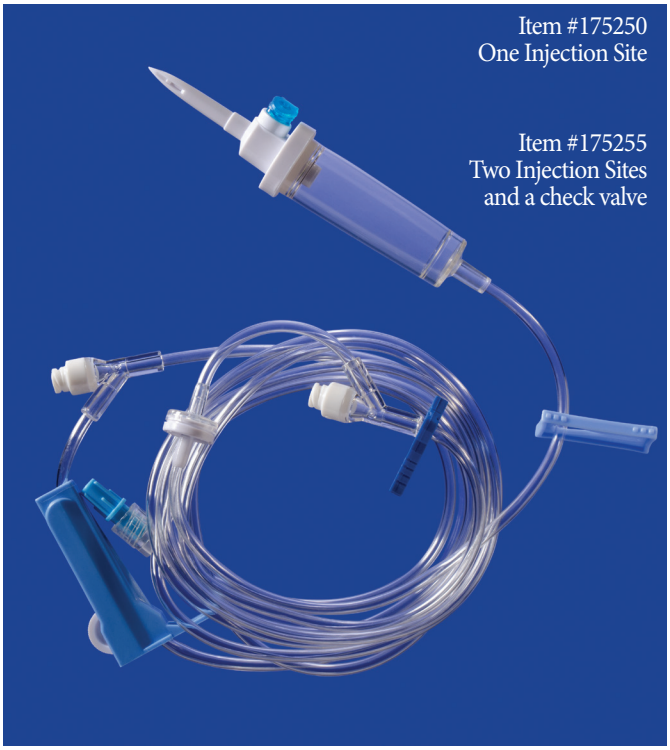
Closed Valve Three-Way Stopcock



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

10 Drop IV Administration Set

- #175250 - Universal spike, 224cm (88in) tubing, roller clamp, slide clamp, one injection site located 28cm (11in) above distal end and spin connector.
  Priming volume = 25.6ml, 10 drops/ml.
- #175255 - Universal spike, 261cm (103in) tubing, roller clamp, slide clamp, two injection sites located 23cm (9in) and 221cm (87in) above distal end, check valve and spin connector.
  Priming volume = 28ml, 10 drops/ml



DESCRIPTION	ITEM #
IV Administration Set with One Injection Site	175250
IV Administration Set with Two Injection Sites and Check Valve	175255

Fecal Management System

FOR COLLECTION OF LIQUID STOOL AND ODOR CONTAINMENT

The Fecal Management System is a 20Fr, 24Fr or 28Fr soft silicone catheter inserted into the rectum for collection of liquid stool. It is retained by an air-inflated low pressure balloon. The proximal end of the large bore tube attaches to a 2000ml collection bag.

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

DESCRIPTION	ITEM #
20Fr catheter, extension line, 1 2000ml collection bag	FM2000
24Fr catheter, extension line, 1 2000ml collection bag	FM2400
28Fr catheter, extension line, 1 2000ml collection bag	FM2800
2000ml Replacement Bag	FMRB

Closed System Urine Collection Kits 600ml, 1000ml and 2000ml

DESIGNED TO MINIMIZE CATHETER ASSOCIATED URINARY TRACT INFECTIONS.

UC600K

UC1000K

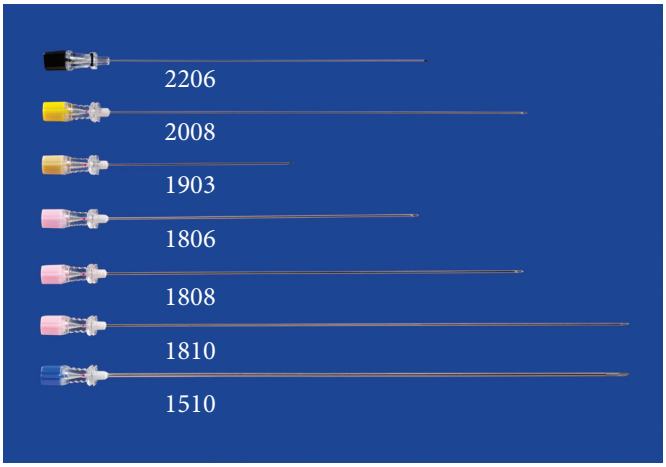
UC2000K

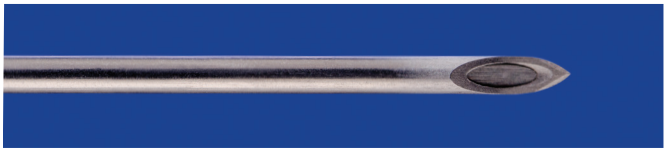
DESCRIPTION	ITEM #
600cc closed system including 600cc collection bag with anti-reflux valve and twist drain, 72in (180cm) lightweight collection line with 360° spinner luer lock, injection/sampling port and female luer lock barbed adapter.	UC600K
1000cc closed system including 1000cc collection bag with anti-reflux valve and twist drain, 72in (180cm) lightweight collection line with 360° spinner luer lock, injection/sampling port and female luer lock barbed adapter.	UC1000K
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

Spinal Needles

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

DESCRIPTION	ITEM #
22Ga x 15cm (6in)	2206
20Ga x 20cm (8in)	2008
19Ga x 8.75cm (3.5in)	1903
18Ga x 15cm (6in)	1806
18Ga x 20cm (8in)	1808
18Ga x 25cm (10in)	1810
15Ga x 25cm (10in)	1510





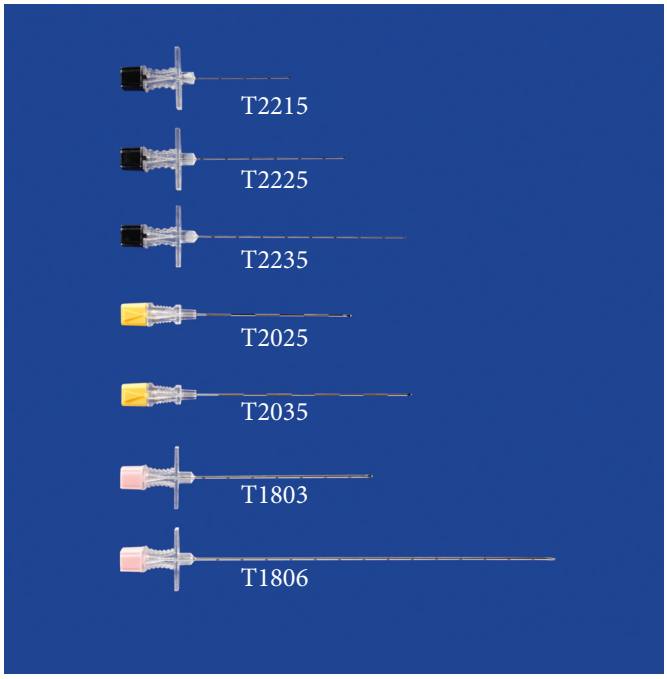
Echogenic Stimulating Needles for use with Nerve Stimulator on page 71.

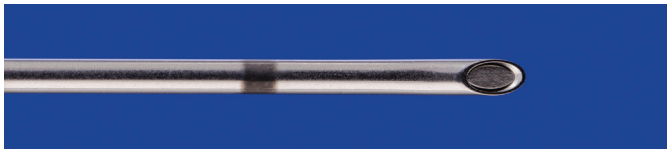
DESCRIPTION	ITEM #
22Ga x 5cm (2in)	NB2205
21Ga x 8cm (3.1in)	NB2108
21Ga x 10cm (4in)	NB2110

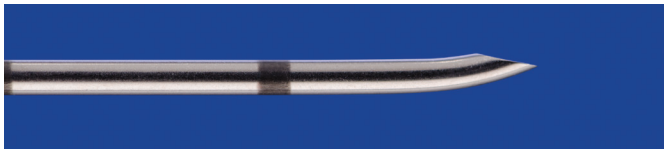
Tuohy Needles

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

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







Echogenic Needles for Ultrasound

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

NERVE BLOCK NEEDLES

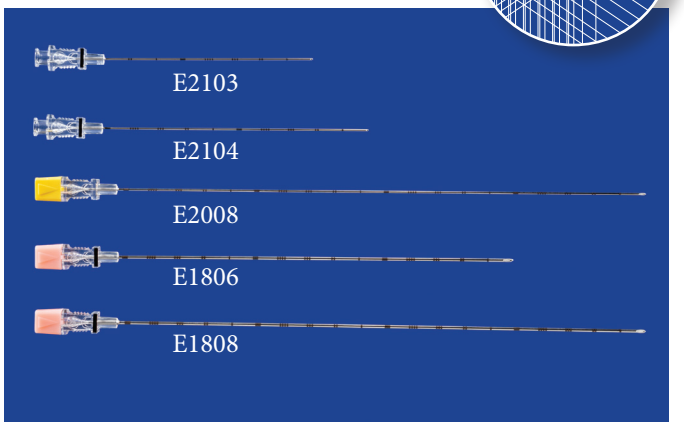
- Use for nerve block injections.
- Clear needle tip visualization under ultrasound for safe and precise needle placement.
- Needle bevel is 30° back-cut.

DESCRIPTION	ITEM #
21Ga x 8cm (3.125in)	E2103
21Ga x 10cm (4.0in)	E2104

MSK/SPINAL NEEDLES

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

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

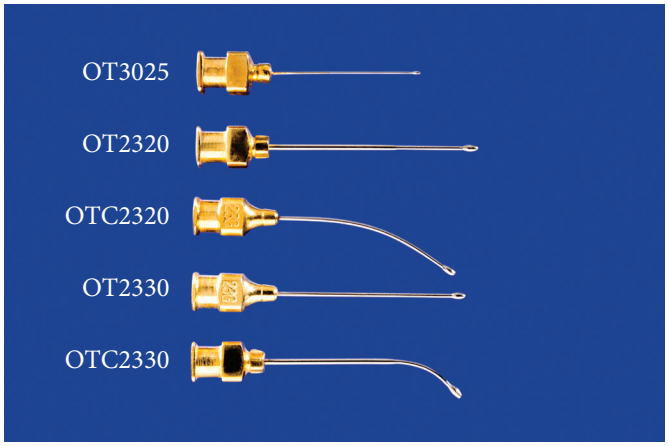


Olive Tip Needles

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.

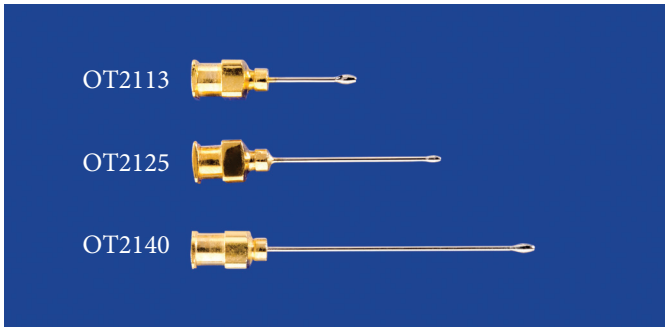
DESCRIPTION	ITEM #
30Ga x 2.5cm (1.0in)	OT3025
23Ga x 2.0cm (0.75in) Stepped	OT2320
23Ga x 2.0cm (0.75in) Curved	OTC2320
23Ga x 3.0cm (1.25in)	OT2330
23Ga x 3.0cm (1.25in) Curved/Stepped	OTC2330



URINARY & ANAL GLAND LAVAGE NEEDLE

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

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

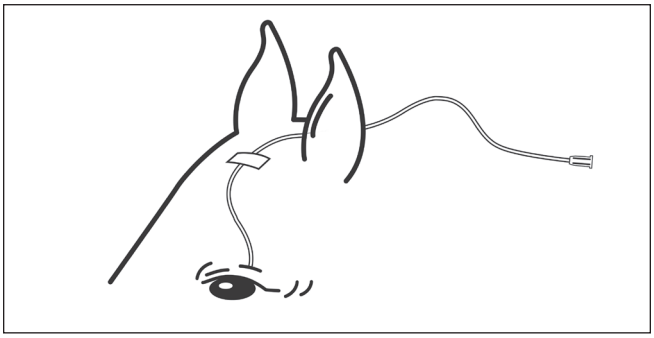


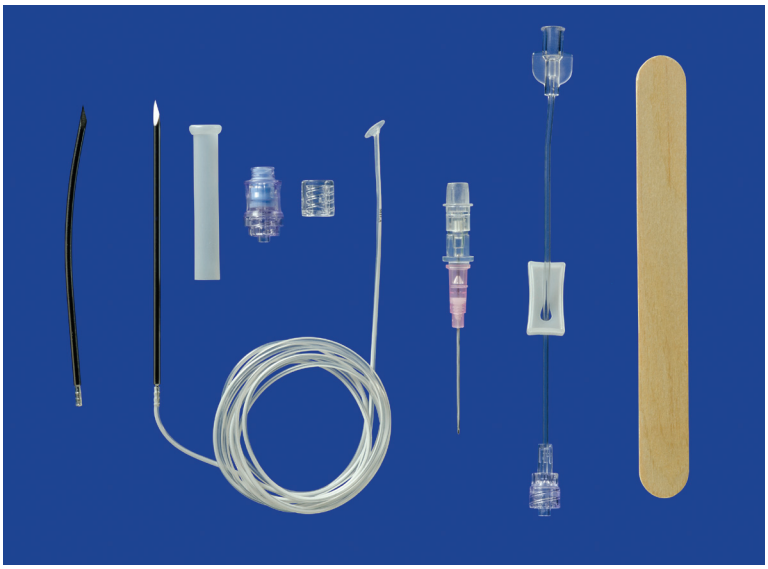
Eye Lavage Kit/SPL

- Can be placed in upper or lower lid.
- Single stick insertion method
- Soft, non-irritating disk and tubing
- Allows application of liquid eye medication away from the site.
- Easily used in both clinical and farm setting.
- Kit includes 12Ga straight or 10°angled trocar, 20Ga catheter, eyelid lifter, extension set, luer lock adapter, tongue depressor for taping the proximal end, catheter for medication infusion, stasis valve and stemless cap.
- Repair kit (#6615) includes 20in/50.8cm tubing, cannula for connecting tubes, 20Ga catheter, tongue depressor for taping the proximal end, stasis valve and stemless cap.
- Use the elastomeric administration pump (Item #7100 on next page) for continuous infusion.

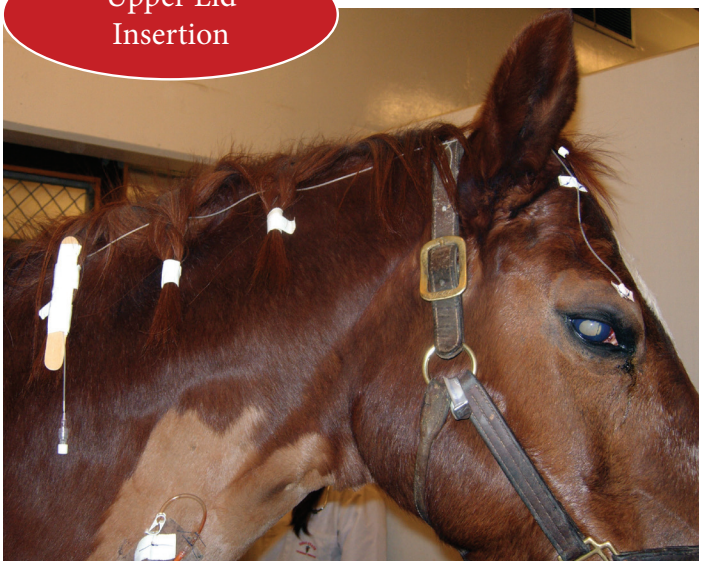
DESCRIPTION	ITEM #
Subpalpebral Eye Lavage Kit 60in/152.4cm catheter	6612
Subpalpebral Eye Lavage Kit Angled 10° trocar, 60in/152.4cm catheter	6613
Repair Kit	6615

For Ophthalmic Surgical Drape, see next page.

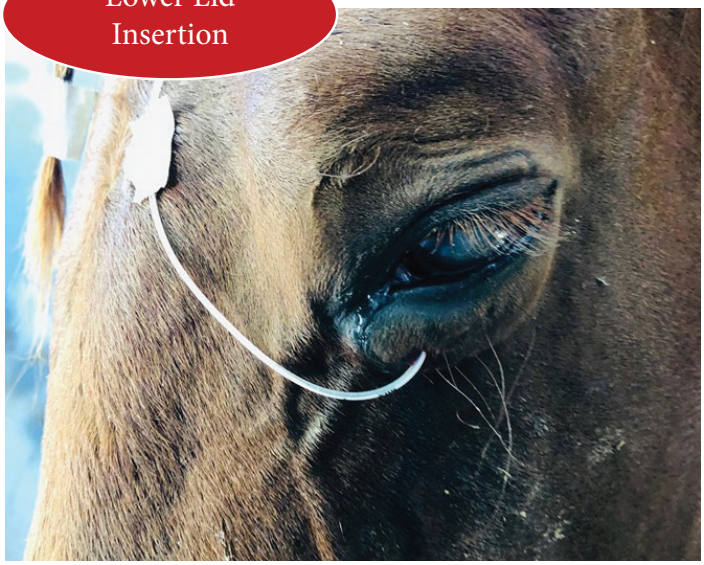




Upper Lid Insertion



Lower Lid Insertion



Elastomeric Pump

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

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

Instructions for use:

Eye medication solution:

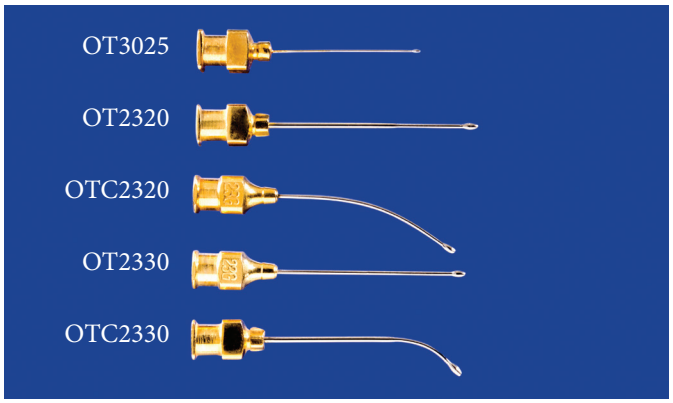
Courtesy of Dr. Meghan Mendoza and Dr. Katie Hayes, Hayes Veterinary Services

Olive Tip Needles

LACRIMAL LAVAGE NEEDLE

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

DESCRIPTION	ITEM #
30Ga x 2.5cm (1.0in)	OT3025
23Ga x 2.0cm (0.75in) Stepped	OT2320
23Ga x 2.0cm (0.75in) Curved	OTC2320
23Ga x 3.0cm (1.25in)	OT2330
23Ga x 3.0cm (1.25in) Curved/Stepped	OTC2330



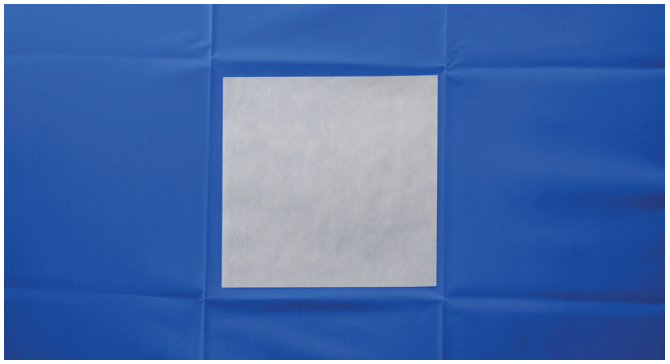
Opthalmic Surgical Drape - Customizable

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

Use for maintaining a sterile field.

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

ITEM #	OSD

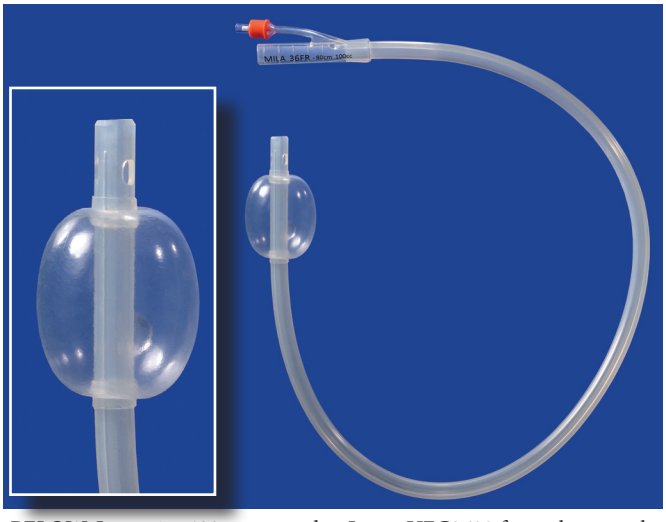


Uterine Flush

Embryo Flushing Catheter

- Open-end silicone catheter
- Balloon ensures occlusion of the cervix when inflated and allows for the retension of fluid in the uterus.
- Ideal for embryo transfer.
- Y-adapter tube assembly includes line to fluid source, drain line and graduated adapter line to catheter.
- Reusable

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



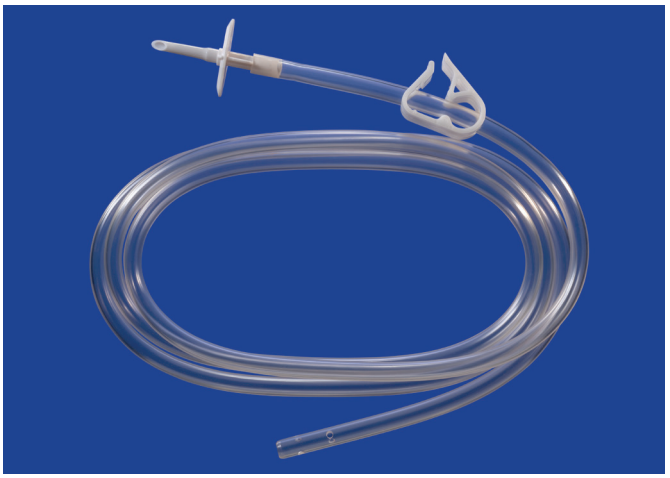
BELOW: Item #175490 connected to Item #UFC3680 for embryo wash.

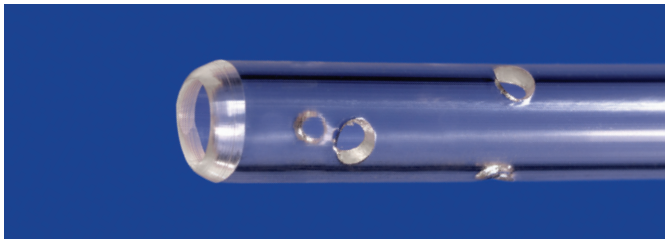
Photo courtesy of MVZ Juan José Ramirez Nava, Reproducción Asistida en Equinos

Uterine Flush Tube

- 28Fr x 190cm flushing tube with spike
- 4 side holes, 1.5cm apart, ending 2.5cm from end of catheter
- Smooth, open-ended tip

DESCRIPTION	ITEM #
28Fr x 190cm (75in)	UFT28190

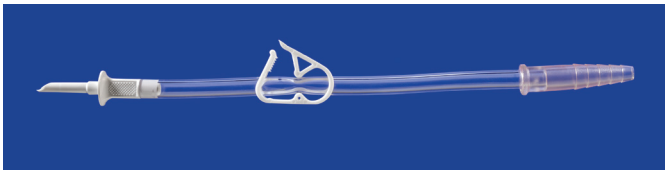




High Flow Fluid Transfer Set

Attach to flushing catheter for uterine flush (see photo on the left). Includes high flow spike, clamp, and barbed adapter for 20-40Fr tubes.

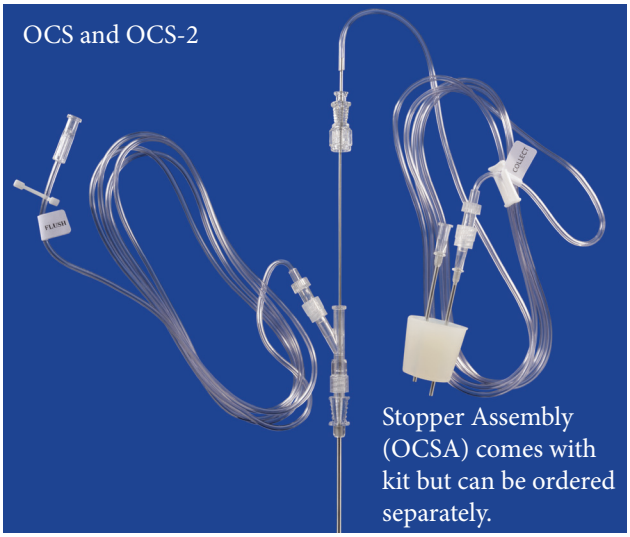
DESCRIPTION	ITEM #
Length 30cm (12in)	175490
Length 60cm (24in)	175493

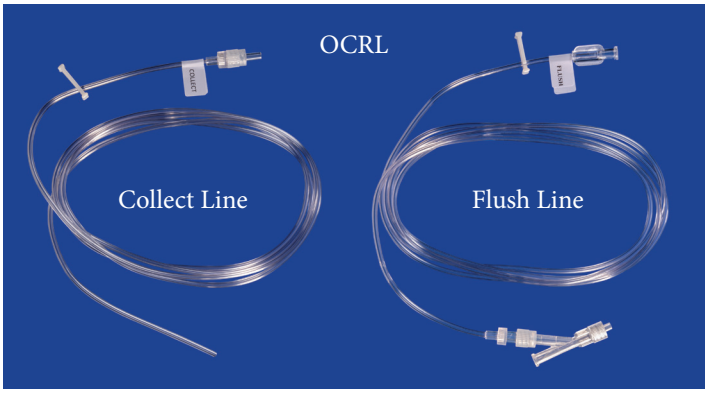


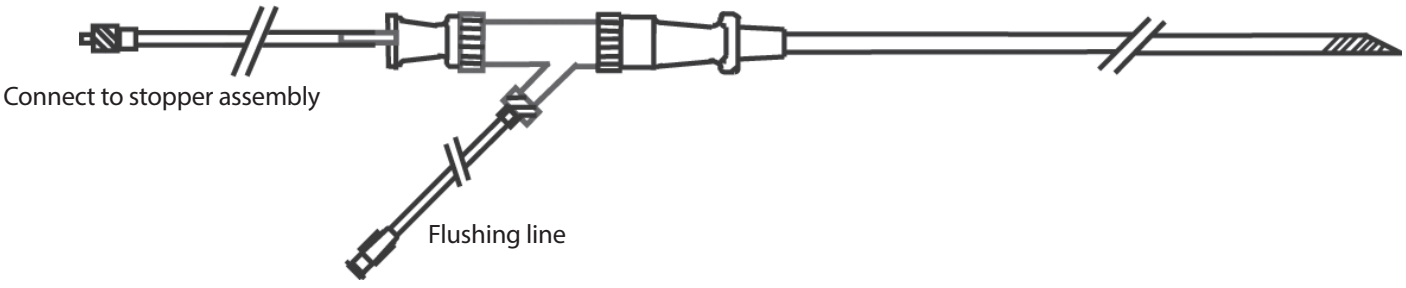
Equine Oocyte Collection Set

- 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.
- Etched needles are ECHOGENIC to improve ultrasound visualization.
- Double lumen needle design consists of an outer needle and inner cannula. This allows for easy cleaning and replacement of the outer needle as needed.
- 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 #
Oocyte Collection Set - Etched Tip Includes 12Ga needle assembly, flushing and collection lines and bottle stopper assembly	OCS
Outer Replacement Needle - Etched Tip 12Ga x 60cm	OCRN
Oocyte Collection Set - Non-Etched Tip Includes 12Ga needle assembly, flushing and collection lines and bottle stopper assembly	OCS-2
Outer Replacement Needle - Non-Etched Tip 12Ga x 60cm	OCRN-2
Replacement Lines Includes Y-port with attached flushing and collection lines	OCRL
Stopper Assembly Includes #6 silicone stopper with collection and vent ports	OCSA





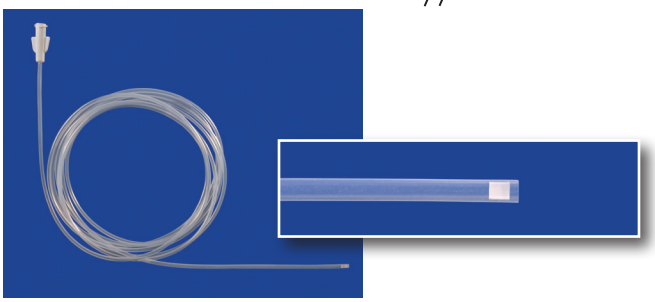


Tracheal Wash / Aspiration Catheters

Single Lumen Catheters

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

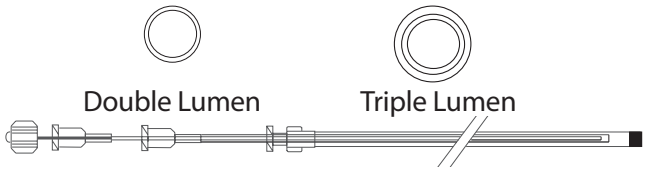
DESCRIPTION	SCOPE CHANNEL SIZE	ITEM #
2.3mm OD x 190cm (76in)	2.5mm	EDC190
1.8mm OD x 200cm (79in)	2.0mm	EDC200
2.3mm OD x 220cm (88in)	2.5mm	EDC220
2.3mm OD x 400cm (160in)	2.5mm	EDC400

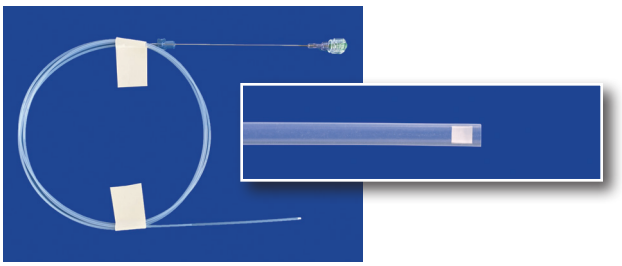


Double/Triple Lumen Catheters

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

DESCRIPTION	SCOPE CHANNEL SIZE	ITEM #
Two stage catheter 1.8mm OD x 190cm (76in)	2.0mm	EMAC700
Two stage catheter 1.8mm OD x 250cm (100in)	2.0mm	EMAC700L
Triple stage catheter 2.3mm OD x 190cm (76in)	2.5mm	EMAC800



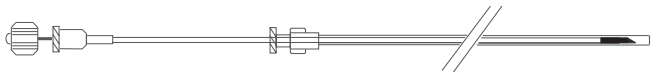


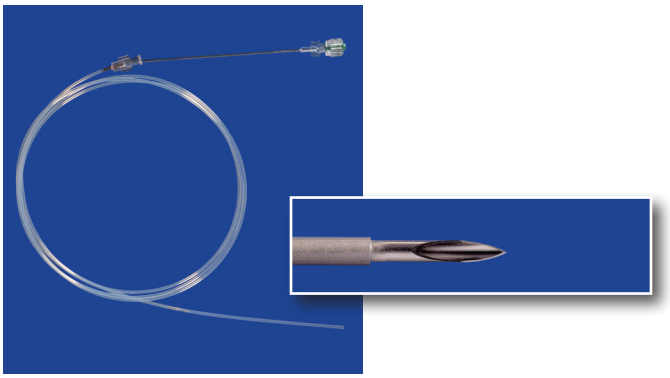
Lance-A-Lot

Ideal for lancing and injecting Ethmoid Hematomas and Uterine Cysts.

Injection and aspiration needle with female luer lock.

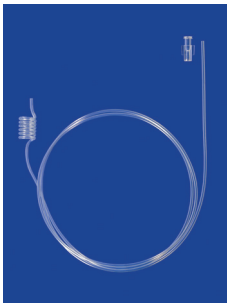
DESCRIPTION	SCOPE CHANNEL SIZE	ITEM #
1.8mm OD x 190cm (76in) with 19Ga needle	2.0mm	LAN180
2.3mm OD x 190cm (76in) with 17Ga needle	2.5mm	LAN190





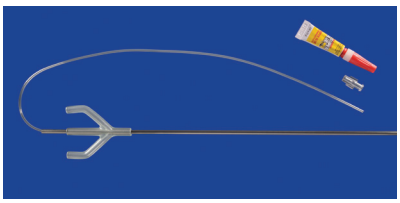
Indwelling Guttural Pouch Flushing Kit

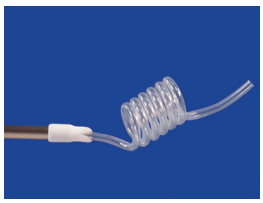
- Non-irritating polyurethane catheter for extended treatment of the guttural pouch.
- Placed by viewing the guttural pouch through an endoscope up one nostril and advancing the catheter introducer up the other nostril.
- Kit includes:
  - » Catheter with coils
  - » Bendable introducer
  - » Luer lock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



- Catheter dimensions: 12Ga x 135cm (54 Inches) Catheter can be cut to desired length.

DESCRIPTION	ITEM #
Catheter Kit	9500
Catheter Only	9510

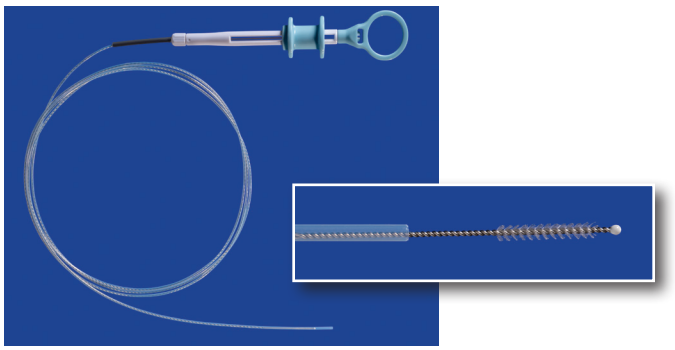




Cytobrush – Protected

- Designed to collect tissue samples from the bronchi or upper and lower gastrointestinal tracts.
- 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.
- 10mm bristled brush with outside diameter of 2mm and radiopaque distal end cap.
- Handle with ring provides easy deployment and retraction of brush.

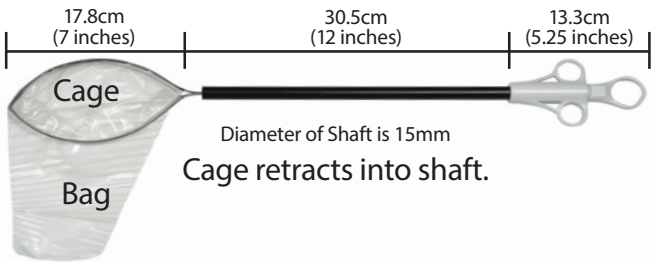
DESCRIPTION	SCOPE CHANNEL SIZE	ITEM #
1.8mm x 180cm (72in)	2.0mm	CYT180



Laparoscopic Large Animal Retrieval Pouch

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

ITEM #	EP810



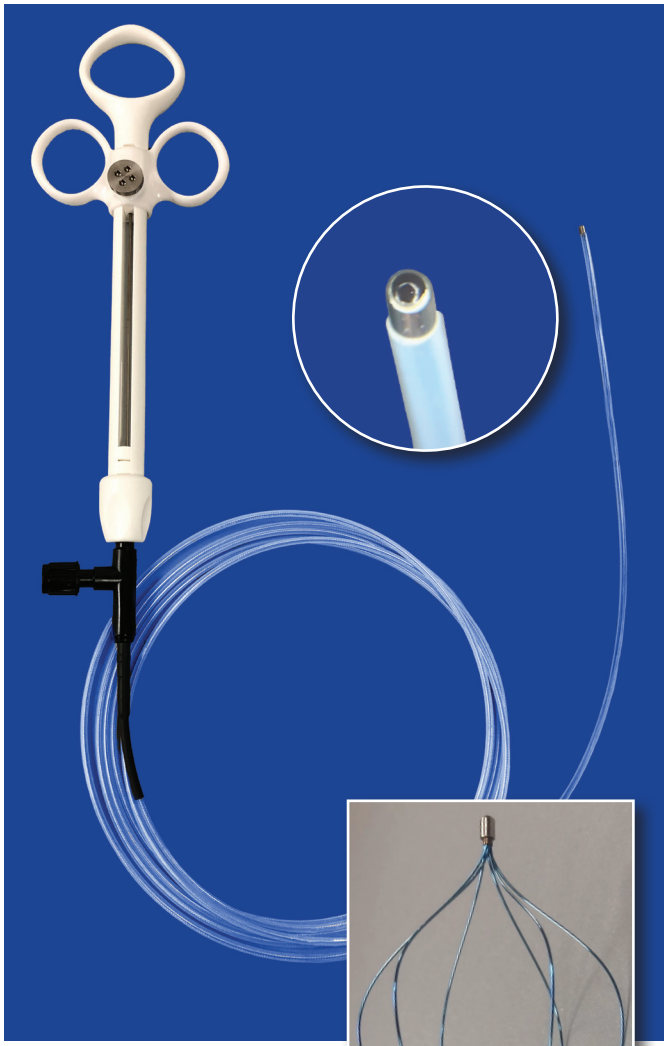
See 2017 publication: milainternational.com/pub/media/wysiwyg/Retrieval_Pouch-Large_Animal.pdf

Fetcher™ Endoscopic Retrieval Device

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

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

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

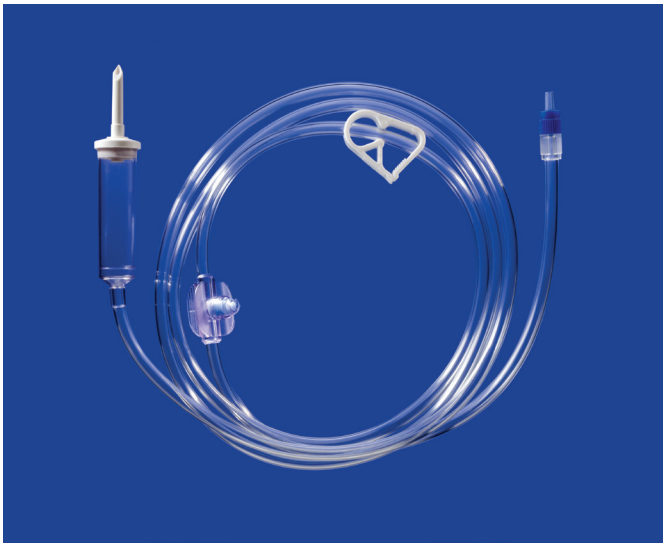


ACTUAL SIZE
of basket when fully deployed.

Fluid Collection and Delivery

High Flow IV Administration Sets

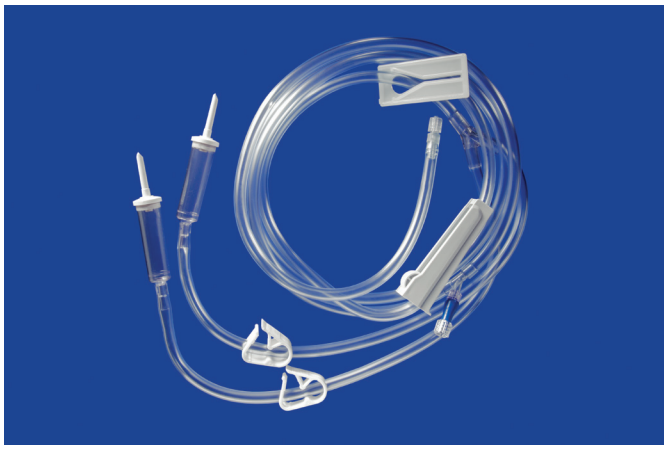
DESCRIPTION	ITEM #
High flow, large bore set includes drip chamber, 180cm (72in) tubing, pinch clamp, needle-free injection site and spin luer lock. 12 drops/ml Priming Volume = 42ml	175497



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

EquiSet IV Administration Set

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



Arthroscopy Fluid Line Wound Flushing Line

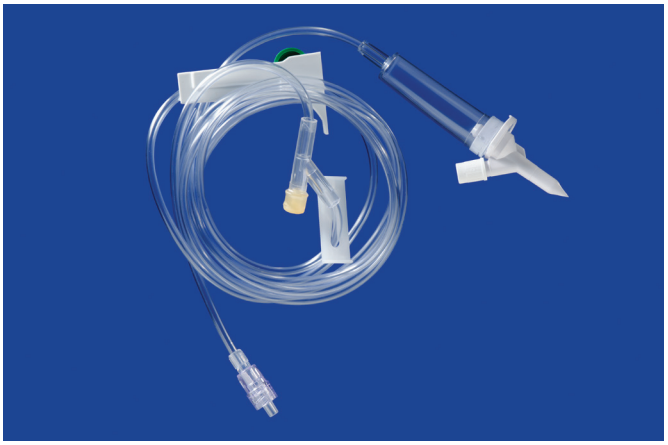
DESCRIPTION	ITEM #
High flow, large bore infusion set includes vented spike, 305cm (120in) of tubing, clamp and spin luer lock. Fits most peristaltic pumps. Priming Volume = 48ml	175499

10 Drop IV Administration Set

DESCRIPTION	ITEM #
Universal spike, 224cm (88in) tubing, roller clamp, slide clamp, one injection site located 28cm (11in) above distal end and a spin connector Priming volume = 25.6ml, 10 drops/ml	175250
Universal spike, 261cm (103in) tubing, roller clamp, slide clamp, two injection sites located 23cm (9in) and 221cm (87in) above distal end, check valve and spin connector Priming volume = 28ml, 10 drops/ml	175255

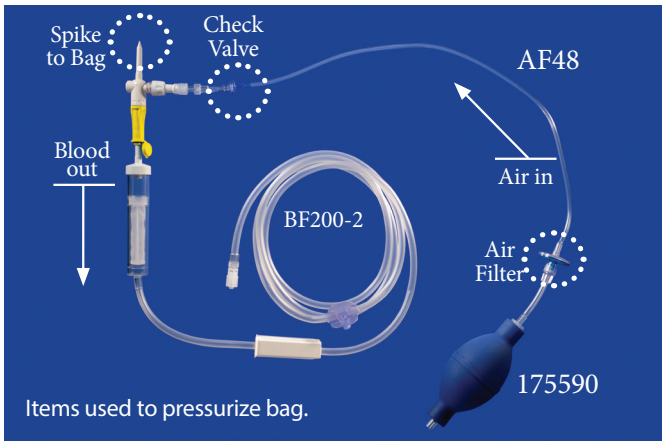
15 Drop IV Administration Set

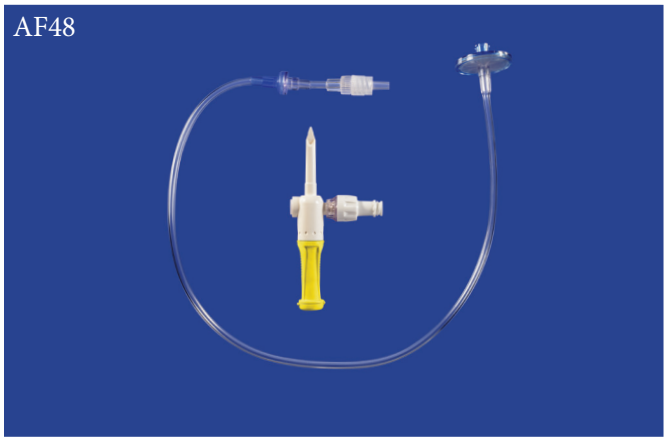
DESCRIPTION	ITEM #
Administration set with vented spike, 190cm (76in) tubing, drip chamber, rotating luer lock, roller clamp and injection site. Replacement for the discontinued BD15 Drop Set. Priming Volume = 13.3ml	175278

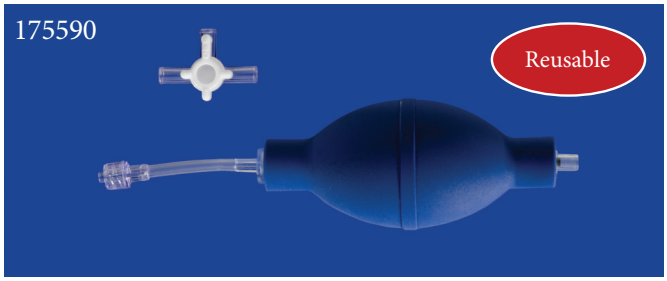


Pressurization Set

DESCRIPTION	ITEM #
T-shaped spike with 48cm (19in) extension set, female luer, air filter and check valve	AF48
Squeeze Bulb Assembly to pressurize IV bag Includes bulb and three-way stopcock	175590







Increase flow rate by pressurizing with FILTERED AIR into a bag or bottle. Includes spike and extension set with air filter. Allows medication administration into and fluid withdrawal from the bag or bottle.

Fluid Collection and Delivery

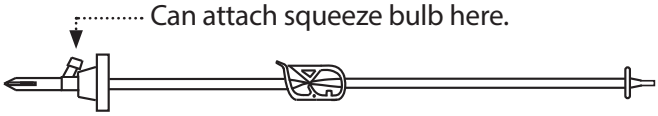
Controlled Flushing Set

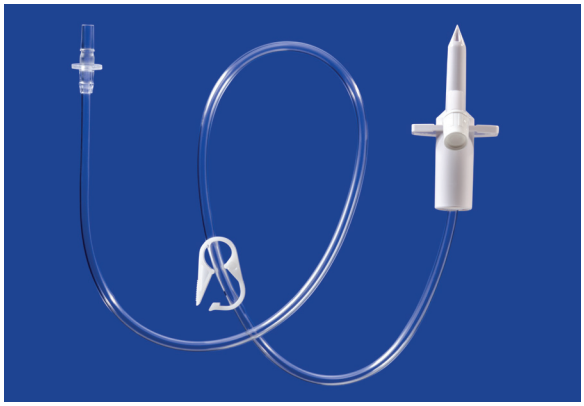
- **Eliminiates the need to pre-fill syringes.**
- Set includes vented bag spike, 90cm (36in) tubing and bi-directional valve.
- Use for various flushing needs - BAL, joint, ear, wound, ovum pickup.
- The bi-directional valve allows for repeat aspiration from the bag and controlled flushing without opening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

ITEM #	CFS36

Secondary Venoset

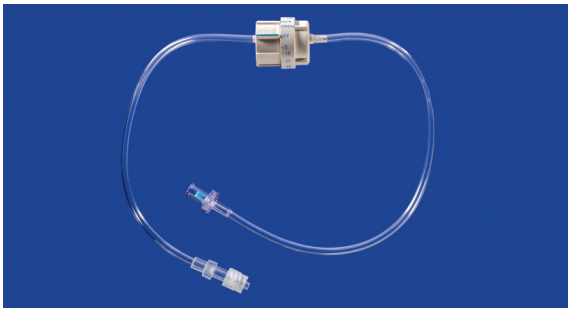
DESCRIPTION	ITEM #
Deliver a small amount of medication quickly. This set allows pressurization when used with squeeze bulb (Item #175590 on next page) of a bag or bottle. Replacement for the discontinued Abbott secondary venoset. Priming Volume = 4ml Tubing length is 58cm (23in)	175720





Fluid Control Dial

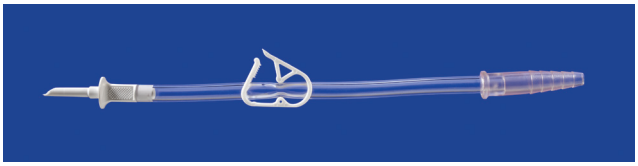
DESCRIPTION	ITEM #
Easily adjust infusion rate from 10ml/hour up to 350ml/hour when used with a gravity system. When used with a pressurized system, flow is four times faster. Tube length is 45cm (18in) Priming volume = 3ml	175480



High Flow Fluid Transfer Set

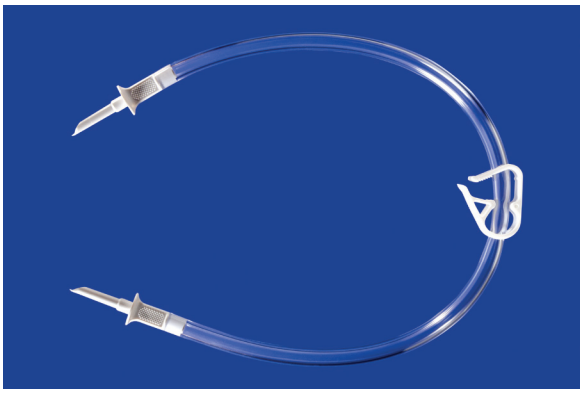
Attach to flushing catheter for uterine flush. Includes high flow spike, clamp, and barbed adapter for 20-40Fr tubes.

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



Fluid Transfer Set

DESCRIPTION	ITEM #
High flow spikes to transfer fluid between bags Tubing length is 45cm (18in)	FTS18



Fluid Collection and Delivery

Pressure Infusers

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

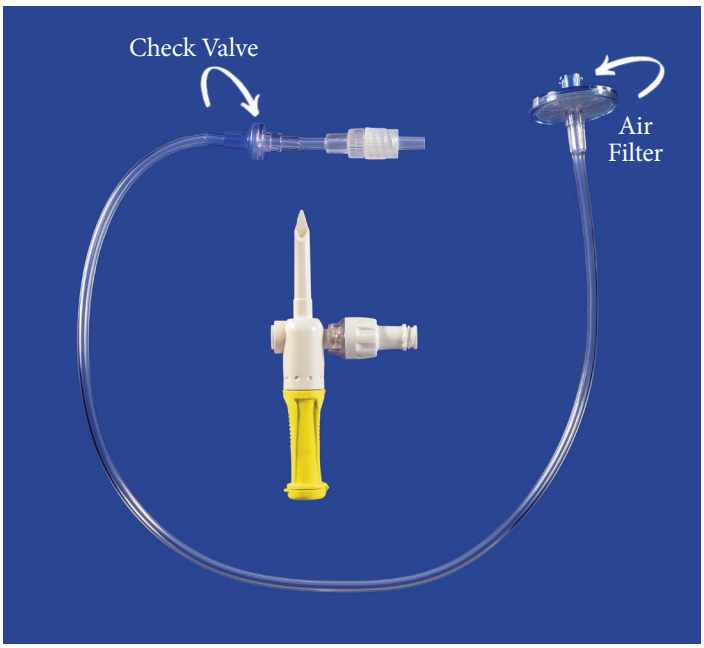
- Provides easy view of fluid bag and fluid level.
- Special built-in hook allows fluid bag to be replaced without removing pressure infusor from hanging device.

DESCRIPTION	ITEM #
1000ml cuff with squeeze bulb, pressure manometer and 3-way stopcock	175500
3000ml cuff with squeeze bulb and manometer	175930
5000ml cuff with squeeze bulb and manometer	175950
Pressurization Squeeze Bulb Assembly Includes bulb and three-way stopcock	175590

Bag / Bottle Pressurization and Air Filtration Kit

- T-shaped spike with 48cm (19in) extension set, female luer, air filter and check valve
- Increases flow rate of an IV or blood set by pumping FILTERED AIR into the bag or bottle when used with the pressurization squeeze bulb (Item #175590 above).
- Allows medication administration into, and fluid withdrawal from, the bag or bottle.

DESCRIPTION	ITEM #
T-shaped spike with 48cm (19in) extension set, female luer, air filter and check valve.	AF48



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

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

High-Flow Blood Administration

- Large bore tubing for HIGH FLOW blood administration.
- Set includes spike, drip chamber, tubing, roller clamp, 200 micron blood filter, needle-free injection port and SPINNER luer lock.
- Total length is 203cm (80 inches).
- Priming Volume is 36ml.
- Filtration Area: 16 square centimeters
  Volume limit depends on a variety of factors such as blood density and transfusion pressure.
- Flow rates can be increased using pressurization kit, item number AF48 (on next page).

ITEM #	BF200-2

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

Gravity flow rates (not pressurized) using simulated blood:

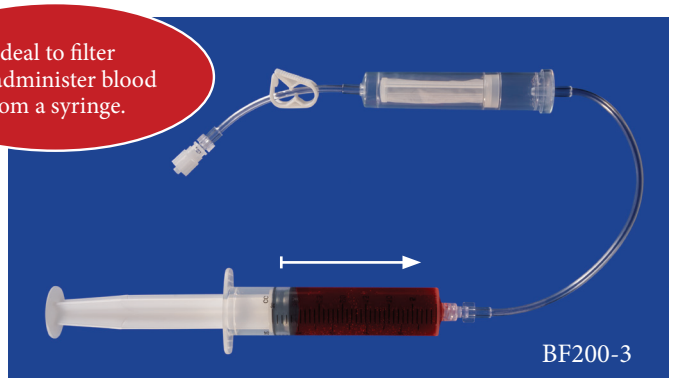
No Catheter = 710ml/minute
MILA 14Ga x 5.25 inch Catheter = 180ml/minute
MILA 12Ga x 5.25 inch Catheter = 375ml/minute
MILA 10Ga x 5.25 inch Catheter = 475ml/minute

Syringe Administration

- Large bore tubing.
- Set includes female luer, tubing, 200 micron blood filter, pinch clamp and SPINNER luer lock.
- Total length is 43cm (17 inches).
- Priming Volume is 4ml.
- Filtration Area: 16 square centimeters. Volume limit depends on a variety of factors such as blood product density and transfusion pressure.

ITEM #	BF200-3

Ideal to filter and administer blood from a syringe.

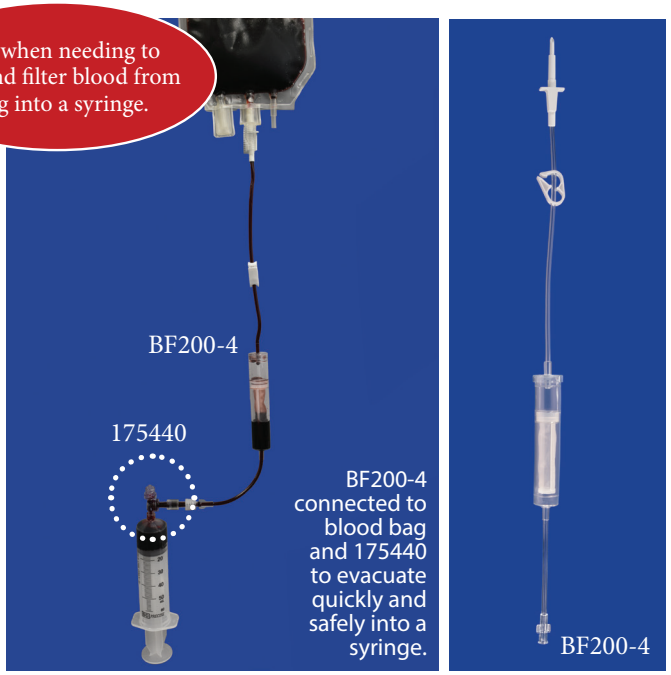


Bag Administration

- Large bore tubing.
- Connect to MILA Automatic 3-way set (on next page) to make a completely closed delivery system.
- Good for AUTOTRANSFUSION. Refer to Pigott study (article named below). See next page for suggested kits.
- Set includes non-vented spike, tubing, pinch clamp, 200 micron blood filter and female luer lock.
- Total length is 47cm (18 inches).
- Priming Volume is 3ml.
- Filtration Area: 16 square centimeters.
- Volume limit depends on a variety of factors such as blood product density and transfusion pressure.

ITEM #	BF200-4

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

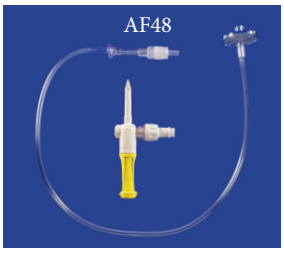


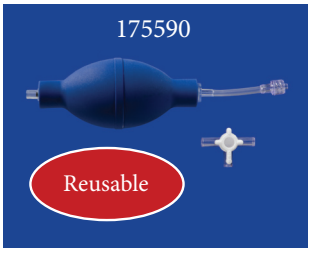
Miller, V. and Pigott, A. (2020) Traumatic haemothorax in a dog managed without surgery using a guidewire-inserted chest tube and a single closed system for collection and administration of autotransfusion. Veterinary Record Care Reports, 8:e001142

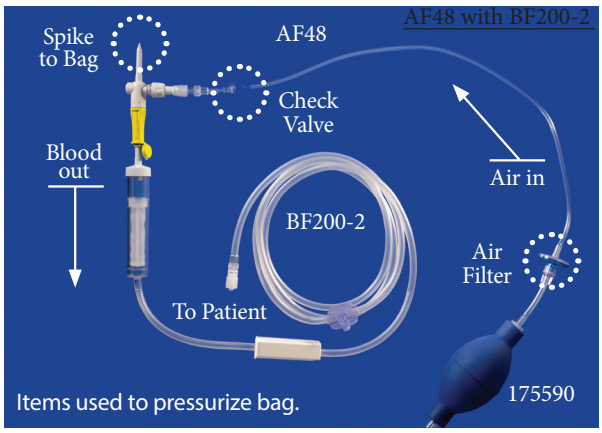
Pressurization Set

Increase flow rate by pressurizing with FILTERED AIR into a bag or bottle. Includes spike and extension set with air filter.

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



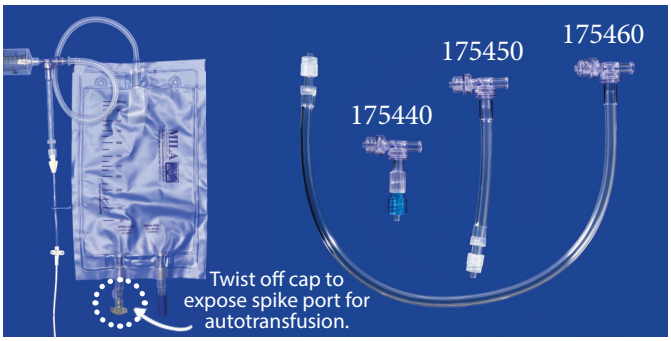




Automatic 3-Way Set for Transfusion/Autotransfusion

Unique valve allows aspiration and evacuation without disconnecting the syringe and without turning a stopcock. Choose a kit from the list below and attach #BF200-4 to create a closed, automatic delivery system.
Valve does not induce hemolysis.*

DESCRIPTION	ITEM #
Centesis Adapter with Spin Luer Lock	175440
Centesis Adapter with total Length 12.5cm	175450
Centesis Adapter with total Length 40cm	175460



*Data on file at MILA.

Blood Filtration System

Hemo-Nate Blood Filter - 18 Micron

- Stainless steel filter designed to filter particulate within blood products down to 18 microns.
- Used for the filtration of stored blood transfused into small patients.
- Luer locking hub allows the use of a standard syringe without a needle.
- 50cc filter capacity for whole blood and 20cc filter capacity for all other blood components.

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

Hemo-Tap Bag Spike

- Hemo-Tap bag spike with needle injection port.

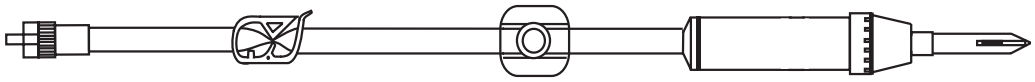
DESCRIPTION	ITEM #
Hemo-Tap Bag Spike	BF15

Blood Collection Set

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

- Set includes 72in (180cm) large bore tubing, injection site, drip chamber and spin luer lock.
- Priming volume = 42ml

ITEM #	175484



Blood Collection

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.
- Kit includes:
  - 100ml administration pump
  - 5Fr (16Ga) crush resistant catheter
  - 6Fr (14Ga) peel-away introducer
  - Two flow control tubes:

    FCT12 (0.8ml/hr) is attached to pump.
    FCT4 (2.5ml/hr) is included in package.

- Accuracy rate +/– 15%
- Minimum fill volume = 15ml
- Residual volume = 2ml

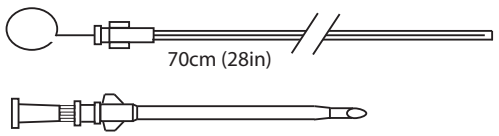
DESCRIPTION	ITEM #
Joint Infusion Kit	9100
10ml in 4 hours – 2.5ml/hour	FCT4
10ml in 12 hours – 0.8ml/hour	FCT12

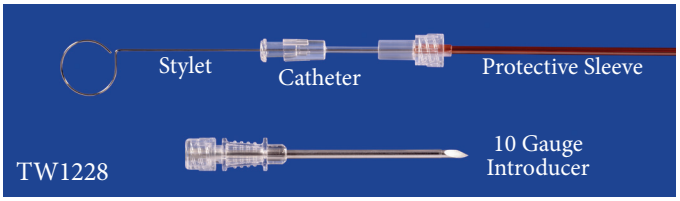
See MILA website for detailed insertion instructions written by Stephen B. Adams DVM, MS and Timothy B. Lescun, BVSc.

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 aseptic handling without a glove.

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



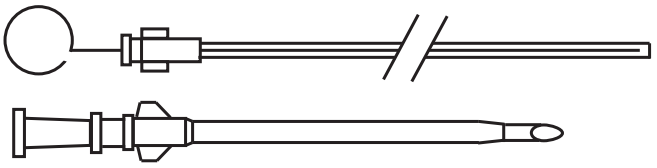


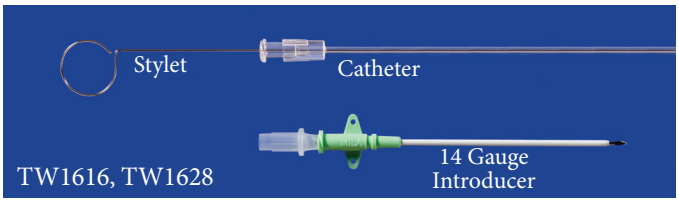
INTRODUCERS are 10Ga or 14Ga.

Small Animal Trans-Tracheal Wash Kit/TTL

Catheter-over-needle insertion method. The semi-rigid flushing catheter has a stiffening stylet and luer adapter. The flushing catheter is packaged in a protective sleeve to allow aseptic handling.

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

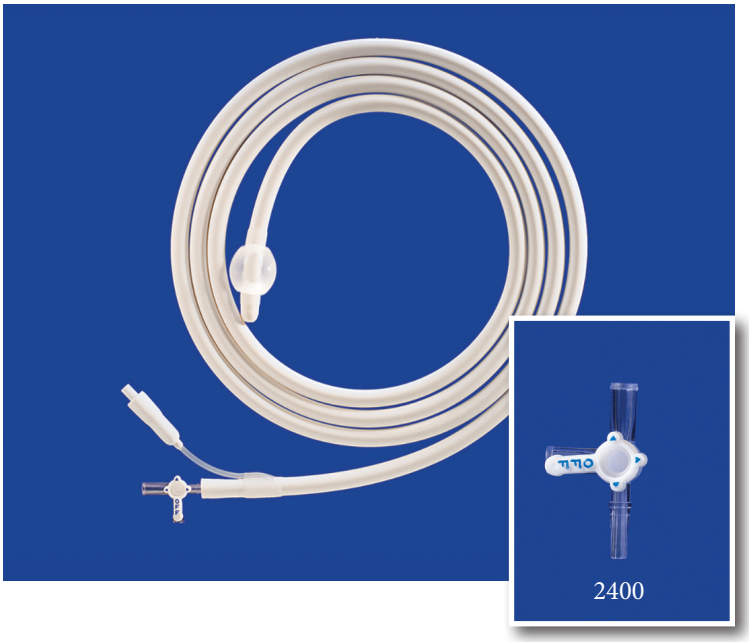




Large Animal Bronchoalveolar Lavage Catheter (BAL)

- Open-end, silicone, radiopaque, heavy wall tube for lavage via the nasotracheal route.
- Distal 30cc balloon cuff can be inflated to prevent retrograde fluid flow around the tube and help stabilize the placement.
- Two-way fitting allows simultaneous connection for both irrigation and aspiration. One stopcock included.
- Reuse of silicone tube requires sterilization and replacement of stopcock.

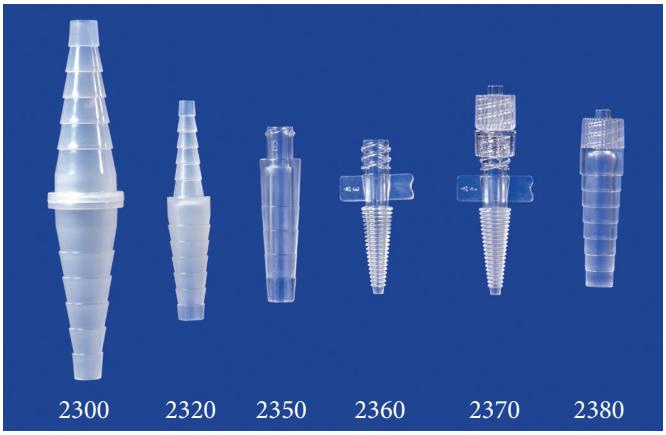
DESCRIPTION		ITEM #
24Fr - 8mm OD, 2.5mm ID, 200cm (79in)	NEW	BAL200
30Fr - 10mm OD, 2.5mm ID, 240cm (96in)		BAL240
30Fr - 10mm OD, 2.5mm ID, 300cm (120in)		BAL300
Replacement Stopcock (10 pack)	RECOMMENDED	2400
Controlled Flushing Set - to administer flush aloquots from a bag rather than multiple syringes. - see page 96		CFS36



Accessories and Components

Barbed Connectors
Each individually packed and sterile.

DESCRIPTION	ITEM #
Dual End Barbed Adapter 4 -12mm	2300 (10 pack)
Dual End Barbed Adapter Small end 4.0-6.0mm Large end 7.5-11.5mm	2320 (10 pack)
Female luer lock barbed adapter for foley catheter that accepts 20-40Fr tubes	2350 (10 pack)
Female luer lock adapter accepts 11-22Fr tubes	2360 (10 pack)
Male luer lock connector for 11-22Fr tubes (Ideal for oxygen)	2370 (10 pack)
Male luer lock barbed adapter accepts 20-40Fr tube	2380 (10 pack)



.2 Micron Bacteria Filter
Each individually packed and sterile.

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

DESCRIPTION	ITEM #
0.2 Micron Bacteria Filter with male and female luer locks.	2420 (10 pack)

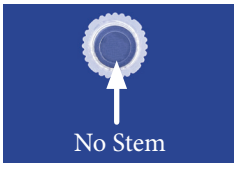
Connectors
Each individually packed and sterile.

DESCRIPTION	ITEM #
Female to Female Luer Connection	2440 (10 pack)
Male to Male Luer Connection	2445 (10 pack)
Three female connectors with a male rotating luer lock.	2460 (10 pack)

Caps

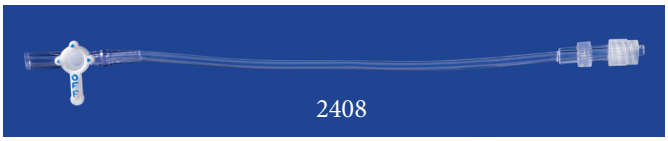
- Tethered Cap (8090) attaches to the catheter or extension hub to cover the injection port. Not for stasis valves or MicroClaves® because it has a stem that keeps the valve open.
- Stemless Luer Lock Cap (8099) 10 pack, non-sterile. Keeps injection ports clean without opening the valve. Works with all injection ports, including stasis valves.

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



Stopcocks
Each individually packed and sterile.

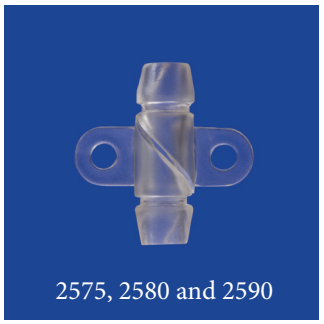
DESCRIPTION	ITEM #
Three-way with luer slip	2400 (10 pack)
Three-way with luer lock	2405 (10 pack)
Three-way with 8 inch extension	2408
Four-way with High Flow Needle-Free Valves	2412



Suture Wings

Suture wings are sold in packs of 10, non-sterile.

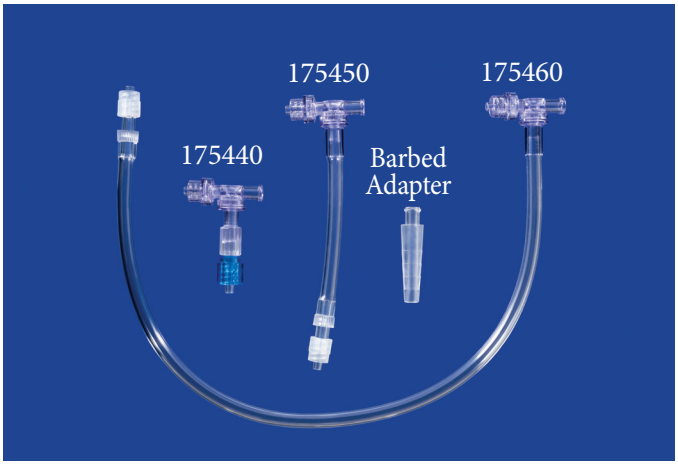
DESCRIPTION	10 PACK	ITEM #
20Ga with blue clamp		2530
18Ga with blue clamp		2540
16Ga with blue clamp		2550
14Ga with blue clamp		2560
7Fr with blue clamp		2570
8Fr with blue clamp		2572
9Fr translucent		2575
14Fr translucent		2580
18Fr translucent		2590



Centesis Adapters/Automatic 3-Way

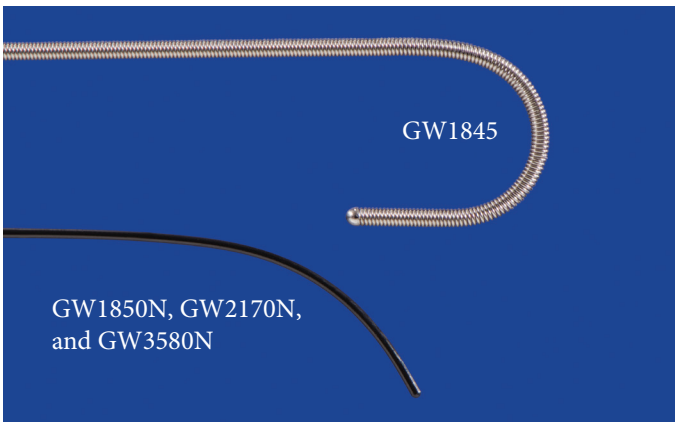
DESCRIPTION	ITEM #
Centesis Adapter with Spin Luer Lock	175440NB
Centesis Adapter with total Length 12.5cm	175450NB
Centesis Adapter with total Length 40cm	175460NB

For Automatic 3-Way kits, see pages 68-69.



Guidewires

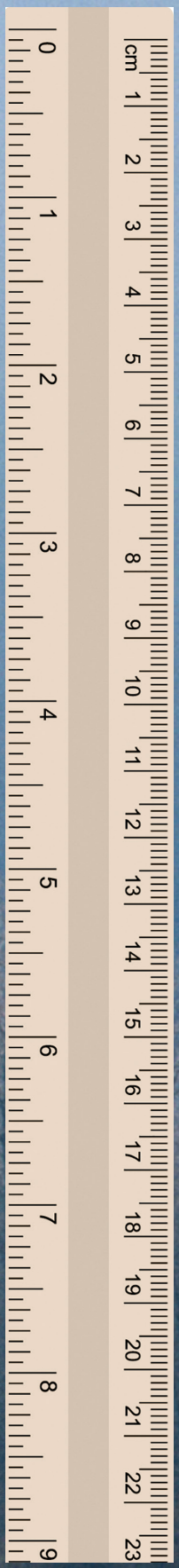
DESCRIPTION	ITEM #
0.018in x 45cm guidewire with one soft flexible 'J' end and one soft flexible straight end	GW1845
0.018in x 50cm Hydrophilic coated nitinol wire with steerable tip	GW1850N
0.021in x 70cm Hydrophilic coated nitinol wire with steerable tip	GW2170N
0.035in x 80cm Hydrophilic coated nitinol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



ITEM #	PAGE #
1006	19
12-004	82
12-006	84
12-007	82
12-008	82
12-009	31/82
12-010	31/82
12-055	84
1211	18
1212	19
1212F	19/67
1402	19
1403	18
1404	19
1404F	19/67
1411	18
1412	19
1412F	19/67
1510	86
1603	18
1604	19
1604F	19/67
1611	18
1612	19
1804	19
1804F	19/67
1806-1810	86
1811	18
1903	86
2008	86
2011	18
2206	86
2300/2320	49/102
2350	43/65/102
2360	102
2370/2380	49/102
2400	75/101/103
2405	103
2408	29/103
2412	103
2420	81/89/102
2440-2460	102
2530-2590	103
2675	19
3240-3565	15
4203-4206.5	13
5380	78
5400/5400K	34
6612-6615	88
7100	89
8080	21
8090	21/25/27/102
8095	21
8098	21
8099	21/25/27/102
8200	21-22
8515	29
8518/8518M	25
8530M	25
8540	24
8541	24
8544	28
8545	26
8550M	28
8560	24
8570/8570M	26
8572/8572M	27
8573M	26
8574M	28
8575/8575M	27
8576M	26
8577M	26
8584M	28
8585/8585M	24
8587M	28
8590/8590M	25
8590MS/8590S	25
8671	24
8700	25
8718	25
9100	100
9203	81
9206	81
9243	81
9500	92
9510	92
175042	67
175044	67
175052	67
175054	67
175056	67
175250	84/95
175255	84/95
175278	95
175380	66
175420	64
175425	64
175440	68/99
175440NB	68/103
175450	68/99
175450NB	68/103
175460	68/99
175460NB	68/103
175480	29/96
175484	100
175490	90/96
175493	90/96
175497	94
175498	94
175499	94
175500	97
175590	95/97/99
175720	96
175800	64
175930	97
175950	97
8V0002	94
AF48	95/97/99
AR2206	16
B1220	11
BAL200	75/101
BAL240	75/101
BAL300	75/101
BE1012	61
BE1415	61
BE1420	61
BE1825	61
BE1830	61
BE18MI	57/61
BE18PAI	61
BE22MI	57/61
BE26MI	57/61
BE-ACC	61
BE-BIG60	61
BF15	99
BF18	99
BF200-2	98
BF200-3	98
BF200-4	98
BFS12	51
BL11	45/72
BL8	45/72
BMAN11	33
BMAN13	33
BMAN15	15/33
BMAN18	15/33
BMAN8	33
BN1408	32
BN1415	32
BN1608	32
BN1615	32
BT03/20	66
CFS36	75/96/101
CG100	65
CG150	65
CG200	65
CG400	65
CT1206	62
CT1210	62
CT1215	63
CT12Fr16	62
CT1404	62
CT1410	62
CT1415	63
CT2015	63
CT2022	63
CT3022	63
CTT10S	63
CTT12S	63
CTT14S	63
CTT16	63
CTT20	63
CTT24	63
CTT28	63
CTT32	63
CYGA20	41/51
CYGA24	41/51
CYGA28	41/51
CYT180	75/93
CYTB	51
DIFF2	81
DIFF4	81
DIFF6	81
DIFF7	81
DIFF9	81
DR7	17/45/49/73
E1030	56
E1413	56
E1430	56
E1450	56
E1806/1808	71/87
E1830	56
E2008	71/87
E2103	71/87
E2104	71/87
EDC190	74/92
EDC200	74/92
EDC220	74/92
EDC400	74/92
EMAC700	74/92
EMAC700L	74/92
EMAC800	74/92
EP810	93
ERD-235	93
ETC25R-100R	77
ETC755-1255	76
ETC20	76
ETCZ-12	78
ETCZ-12-F	78
ETCZ-14	78
ETCZ-14-F	78
ETE0880	77
ETE10150	77
ETE1080	77
ETE1580	77
ETN10/15	76
ETUN14/18	57
E-Y	56
EZ1515/25/45	15
EZC-S	15
EZPD-3	15
EZTN15/25/45	15
FCT4/12	89/100
FM2000-280047/85	
FMRB	47/85
FTE60	29/53
FTS18	96
G050-400	73
GDV1-4	46
GW1845	11/103
GW1850N	11/103
GW2170N	11/103
GW3580N	11/103
H2900/5300	64
HDL1216	17/44
HDL1225	17/44
HDL716	17/44
HDL816	17/44
IC2475-1801	20
IC50-80	80
ISK4-9	16
IV2619-1848	20
J636-1036	51
JP4-13	72
LA1220	11
LA1415	11
LA1415-2P	11
LA1420	11
LA1420-2P	11
LA1420-A	11
LA1420-PI	11
LA1611-A	11
LA1615	11
LA1615-2P	11
LA1615-A	11
LA1615-PI	13
LA1620	11
LA1620-2P	11
LA1620-A	11
LA1620-PI	13
LA7FD15	11
LA7FD20	11
LA7FT15	11
LAET16-30	79
LAN180/190	92
LL1945/1990	15
LL2045/2425	15
LLD1925	14
LLD2020	14
LLD2220	14
M5555	51
MC40-44	26
Mic-Key	51
NB2108	71/86
NB2110	71/86
NB2205	71/86
NBCA	70
NBCC	70
NBMP	70
NB-STIM	70
NG1036	54
NG1036W	54
NG1043	54
NG1043W	54
NG1055	54
NG1243	54
NG1243W	54
NG1450	55
NG18100	55
NG310S	54
NG522S	54
NG622	54
NG622W	54
NG636	54
NG843	54
NG843W-3	54
NG843W-7	54
NG855	54
NGP1036	52
NGP1036S	52
NGP1036W	52
NGP1043	52
NGP1043W	52
NGP1055	52
NGP1071	52
NGP1243	52
NGP1243W	52
NGP522S	52
NGP536S	52
NGP622	52
NGP622S	52
NGP622W	52
NGP636	52
NGP836	52
NGP836S	52
NGP843	52
NGP843W	52
NGP855	52
OCRL	91
OCRN/OCRN-2	91
OCS/OCS-2	91
OCSA	91
OSD	89
OT2113/2125	46/87
OT2140	46/87
OT2320/2330	87/89
OT3025	87/89
OTC2320	87/89
OTC2330	87/89
PBC20	41/58
PEG16/20	50
PGS16/20	50
PIN1-3	30
PIN13-28	31
PP1016-1042	48
PP1216-1222	48
PP1416	48
PP1816-1847	48
PP316-516	48/74
PP816	48
PP822-842	48/74
PPD	13
PPD10	13
PT625/825	44
QC143/145	19
QC163/165	19
RFS24	51
RPEG16/20	50
RUC655-1055	40
SA1406	9
SA1415	9
SA1420	9
SA1609	9
SA1615	9
SA1615-2P-PI	13
SA1620	9
SA1630	9
SA1806	9
SA1815	9
SA1825	9
SA1915	9
SA1915-PI	13
SA1925	9
SA1925-PI	13
SA2006	9
SA2012	9
SA2210	9
SA2410	9
SA4FD08	9
SA4FD08-PI	13
SA4FD13	9
SA4FD13-PI	13
SA4FD30	9
SA5FD08	9
SA5FD08-PI	13
SA5FD13	9
SA5FD13-PI	13
SA5FD25	9
SA5FD25-PI	13
SA5FT08	9
SA5FT13	9
SA5FT30	9
SA7FD15	9
SA7FD20	9
SA7FD30	9
SA7FD60	9
SA7FT15	9
SA7FT20	9
SA7FT30	9
SA7FT60	9
SA8FQ20	9
SAC4/6	46
SC15MM	76
SE1215-3022	58
SLCBD1	32
SP07-19	72
T1803/1806	86
T2025/2035	86
T2215	86
T2225/2235	86
TTC35-100	80
TTCIC50-80	80
TTNC25-55	80
TW1228	75/101
TW1616	74/101
TW1628	74/75/101
UC1000	43
UC1000K	42/45/72
UC1012-103638/39	
UC1212/1212C	39
UC1221/1221C	39
UC1409/1409C	39
UC1421/1421C	39
UC1621/1621C	39
UC1625/1625C	39
UC1821/1821C	39
UC2000K	42/45/72
UC2021/2021C	39
UC2221/2221C	39
UC2416/2416C	39
UC2459/2459C	39
UC306/306S	36
UC310/310S	36
UC412	38
UC506/506S	36
UC510/510S	36
UC512/521	38
UC600	43
UC600K	42/45/72
UC612-636	38
UC812-836	38/39
UCG610/810	41
UCT	43
UFC3680	90
UFT28190	90
UVB10/60	29/53
UVB-B	29/53
V2030	16

FRENCH	GAUGE	OD(mm)	OD(in)
2	22.6	0.6667	0.0262
2.5	20.8	0.8333	0.0328
3	19.4	1.0000	0.0394
3.5	18.5	1.1667	0.0459
4	17.7	1.3333	0.0525
4.5	16.8	1.5000	0.0591
5	15.9	1.6667	0.0656
5.5	15.0	1.8333	0.0722
6	14.4	2.0000	0.0787
6.5	13.8	2.1667	0.0853
7	13.3	2.3333	0.0919
7.5	12.8	2.5000	0.0984
8	12.3	2.6667	0.1050
8.5	11.8	2.8333	0.1115
9	11.2	3.0000	0.1181
9.5	10.7	3.1667	0.1247
10	10.2	3.3333	0.1312
10.5		3.5000	0.1378
11		3.6667	0.1444
11.5		3.8333	0.1509
12		4.0000	0.1575
12.5		4.1667	0.1640
13		4.3333	0.1706
13.5		4.5000	0.1772
14		4.6667	0.1837
14.5		4.8333	0.1903
15		5.0000	0.1969
15.5		5.1667	0.2034
16		5.3333	0.2100
16.5		5.5000	0.2165
17		5.6667	0.2231
17.5		5.8333	0.2297
18		6.0000	0.2362
18.5		6.1667	0.2428
19		6.3333	0.2493
19.5		6.5000	0.2559
20		6.6667	0.2625
20.5		6.8333	0.2690
21		7.0000	0.2756
21.5		7.1667	0.2822
22		7.3333	0.2887
22.5		7.5000	0.2953
23		7.6667	0.3018
23.5		7.8333	0.3084
24		8.0000	0.3150
24.5		8.1667	0.3215
25		8.3333	0.3281
25.5		8.5000	0.3346
26		8.6667	0.3412
26.5		8.8333	0.3478
27		9.0000	0.3543
27.5		9.1667	0.3609
28		9.3333	0.3675
28.5		9.5000	0.3740
29		9.6667	0.3806
29.5		9.8333	0.3871
30		10.0000	0.3937

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



AUSTRALIA

CPP Cardio Pulmonary Products Pty Ltd
Sydney
Website: www.cppcardiopulmonaryproducts.com.au
Email: sales@cppcardiopulmonaryproducts.com.au
Phone: +61 407 277 295

Vetquip
Sydney
Website: www.vetquip.com.au
Email: sales@vetquip.com.au
Phone: +61 2 8867 5144

VetTech Australia
Sydney
Website: www.vtaus.com.au
Email: customerservice@vtaus.com.au
Phone: +61 2 9131 2326

ZebraVet
Braeside
Website: www.zebravet.com.au
Email: info@zebravet.com.au
Phone: +61 3 9580 6222/ +61 7 3275 3733

BAHRAIN

Eurovets Veterinary Medicines, L.L.C.
Dubai
Website: www.eurovetsworld.com
Email: info@eurovetsworld.com
Phone: +971 4 434 2436
WhatsApp: +971 58 170 1736

BELGIUM

Medini NV
Oostkamp
Website: www.instrulife.be
Email: instruments@medini.be
Phone: +32 (0)50 31 18 76

BRAZIL

Digicare Animal Health
Boynton Beach, FL
Website: www.digi-vet.com
Email: sales@digicarebiomedical.com
Phone: +1 561-689-0408

CANADA

Central Sales Ltd.
Brampton, ON
Website: www.centralsales.ca
Email: orders@centralsales.ca
Phone: 1-800-387-2522

CENTRAL/SOUTH AMERICA

All Veterinary Supply, Inc.
Doral, Florida
Website: www.allvetsupply.com
Email: sales@allveterinarysupply.com
Phone: +1-305-599-6125

CHILE

Improvet Chile Ltda
Santiago
Website: www.improvetch.cl
Email: improvetch@gmail.com
Phone: +56 9 9873 0131

COSTA RICA

Innovett
Pozos de Santa Ana
Email: ventas@innovett.com
Phone: +506 2203 5854

VES CR (Veterinaria Especializada)
Heredia
Email: info@vescr.com
Phone: +506 6005 0540/ +506 2215 1860

DENMARK

E-Vet
Haderslev
Website: www.evet.dk
Email: purchase@evet.dk
Phone: +45 7453 0848

ECUADOR

VES Innovación Veterinaria
Quito
Website: www.ves.com.ec
Email: jcastaneda@ves.com.ec
Phone: +593 998 143314

EGYPT

Vet4Ever
Cairo
Website: www.vet4ever.com
Email: dr.tarek@vet4ever.com
Phone: +20 27275704

ESTONIA

OÜ Zoovetvaru (Saue)
Website: www.zoovet.ee
Email: zoovet@zoovet.ee
Phone: +372 6 709 006
WhatsApp: +372 56500840

FINLAND

OneMed Oy
Helsinki
Email: asiakaspalvelu@onemed.com
Phone: +358 20 7866810

Vetman
Halikko
Email: vetman@vetman.fi
Phone: +358 2 7221 222

FRANCE

AdVetis Medical (Montreuil)
Website: www.advetis-medical.com
Email: commande@advetis-medical.com
Phone: +33 01 5586 1040

Alcyon
Paris
Email: contact@alcyon.com
Phone: +33 01 5390 3939

Centravet
Dinan
Website: www.centravet.fr
Email: centravet@centravet.fr
Phone: +33 (0)2 99 85 64 41

Coveto
Montaigu
Email: materiel@coveto.fr
Phone: +33 02 5148 8088

GERMANY

BioRanch
Telgte
Website: www.bioranch.de
Email: andre.schaefer@bioranch.de
Phone: +49 2504 7099250

Conovet
Achern
Website: www.conovet.de
Email: info@conovet.de
Phone: +49 7841 6840 887

WDT eG
Garbsen
Website: www.wdt.de
Email:info@wdt.de
Phone: +49 5131 705-0

IRELAND

Duggan Veterinary Supplies Ltd.
Holycross, Thurles, Co Tipperary
Website: www.dugganvet.ie
Email: sales@dugganvet.ie
Phone: +353 504 43169

ITALY

Alcyon Italia S.p.A.
Cherasco (Cuneo)
Website: www.alcyonitalia.com
Email: info@alcyonitalia.com
Phone: +39 0172 1818590

JAPAN

Sanei America Corporation (Los Angeles)
Website: www.saneico.com
Email: info@saneico.com
Phone: +1-310-445-4160

KOREA

Shin Sung Medi-Tech Co (Seoul)
Email: shinsungmt@gmail.com
Phone: +82 02 323 5256

KUWAIT

Eurovets Veterinary Medicines, L.L.C.
Dubai
Website: www.eurovetsworld.com
Email: info@eurovetsworld.com
Phone: +971 4 434 2436
WhatsApp: +971 58 170 1736

LATVIA

OÜ Zoovetvaru (Saue)
Website: www.zoovet.ee
Email: zoovet@zoovet.ee
Phone: +372 6 709 006
WhatsApp: +372 56500840

MEXICO

Deliranimals (Aguascalientes)
Website: www.deliranimals.com
Email: info@deliranimals.com
Phone: +52 1 449 205 2401

PetMedical (Mexico City)
Website: www.petmedical.com.mx
Email:petmedicaldiv@gmail.com
Phone: +52 55 69 67 11 20
WhatsApp: +52 56 30 63 00 18

NETHERLANDS

Grovet
Utrecht
Website: www.grovet.com
Email: info@grovet.com
Phone: +31 30 24791 00

NEW ZEALAND

Kahuvet
Auckland
Website: www.kahuvet.co.nz
Email: info@kahuvet.co.nz
Phone: +64 0800 524 883

Shoof International Ltd.
Cambridge
Website: www.shoofinternational.com
Email: sales@shoof.co.nz
Phone: +64 7 827 3902

SVS Veterinary Supplies Ltd.
Hamilton
Website: www.svs.co.nz
Email: info@svs.co.nz
Phone: +64 0800 808 387

NORWAY

Jan F. Andersen A/s
Jevnaker
Website: www.jfa.no
Email: post@jfa.no
Phone: +47 61 31 49 49

OMAN

Eurovets Veterinary Medicines, L.L.C.
Dubai
Website: www.eurovetsworld.com
Email: info@eurovetsworld.com
Phone: +971 4 434 2436
WhatsApp: +971 58 170 1736

PERU

Kuntur Pharma SA
Lima
Email: ventas@kunturpharma.pe

PORTUGAL

MSO Medical Solutions
Aveiro
Website: www.mso.pt
Email: geral@mso.pt
Phone: +351 234 062 334

QATAR

Al-Dousari Veterinary Services
Maither-Doha
Website: www.aldousarivet.com
Email: info@aldousarivet.com
Phone: +974 44809666
WhatsApp: +974 77779061

ROMANIA

Blue Vets for Pets
Bucharest
Website: www.endoscopieveterinara.ro
Email: Monica.ifteme@bluevets.ro
Phone: +40 722 607 330

SAUDI ARABIA

Eurovets Veterinary Medicines, L.L.C.
Dubai
Website: www.eurovetsworld.com
Email: info@eurovetsworld.com
Phone: +971 4 434 2436
WhatsApp: +971 58 170 1736

SINGAPORE

MD Vet Pte Ltd
Toh Guan Centre
Email: mdveterinary@gmail.com
Phone: 65 622 42688

Novovet
Sunbird Road
Website: www. novovet.org
Email: enquiries.novovet@gmail.com
WhatsApp: +65 90123485

SOUTH AFRICA

University of Pretoria
Pretoria
Email: requests@up.ac.za

SPAIN

Centauro
Masies de Roda (Barcelona)
Website: www.shop.centauro.es
Email: pedidos@centauro.es
Phone: +34 938 500 411

LaBouvet
Torrejón de Árdoz
Website: www.labouvet.com
Email: labouvet@labouvet.com
Phone: +34 91 656 17 48
WhatsApp: +34 681 268 986

SWEDEN

Next2Vet
Ystad
Email: Johnny@next2vet.se
Phone: 46 411 55 57 30

Scandivet
Enkoping
Email: info@scandivet.se
Phone: 46 171 857 70

Swevet AB
Sjobo
Website: www.swevet.se
Email: kundtjanst@swevet.se
Phone: +46 771 21 55 00

SWITZERLAND

Provet AG/Covetrus
Lyssach
Website: www.covetrus.ch
Email: info@covetrus.com
Phone: +41 34 448 11 11

TAIWAN

Ya Hai International, Inc.
Chiayi City
Email: info@ya-hai.com.tw
Phone: +886 5 237 5500

THAILAND

T.J. Animal Health Co., Ltd
Samut Prakan
Website: www.tjanimal.com
Email: sales@tjanimal.com
Phone: +66 2 182 9299

TRINIDAD & TOBAGO

Sunnyview Vetcare and Co.
Port of Spain
Email: svvctrinidad@gmail.com
Phone: 868-384-8387

TURKEY

MVM Medikal
Istanbul
Website: www.mvm.com.tr
Phone: 90 216 540 86 86

UNITED ARAB EMIRATES

Al Basha for Veterinary Medicines
Dubai
Email: info@albasha.ae
Phone: +971 4 393 5503
WhatsApp: +971 504515680

Eurovets Veterinary Medicines, L.L.C.
Dubai
Website: www.eurovetsworld.com
Email: info@eurovetsworld.com
Phone: +971 4 434 2436
WhatsApp: +971 58 170 1736

German Standard Group
Website: www.gsgroup.co
Email: info@gsgroup.co
Phone: +971 04 266 8871

UNITED KINGDOM

DMS Plus Limited
Hampshire
Website: www.dmsveterinary.com
Email: sales@dmsveterinary.com
Phone: +44 0333 9000 900

UNITED STATES (USA)

American Veterinary Supply (Miami, FL)
Email: sales@americanvet.com
Phone: 305-637-8616

Animal Health International (Greeley, CO)
Phone: 800-203-5620

Droguería Betances (Cauguas, PR)
Website: www.drogueriabetances.com
Phone: 787-244-6332/787-664-3660

Covetrus North America (Dublin, OH)
Phone: 800-551-3861

Midwest Veterinary Supply (Burnsville, MN)
Phone: 800-643-9378

MWI Animal Health (Nampa, ID)
Phone: 800-824-3703

Patterson Veterinary Supply (Sterling, MA)
Phone: 800-225-7911

Penn Veterinary Supply, Inc. (Lancaster, PA)
Phone: 800-233-0210

Victor Medical (Irvine, CA)
Phone: 800-854-6152

SINCE 1991

MILA INTERNATIONAL, INC.

Medical Instrumentation for Animals

MILA International, Inc.
7984 Tanners Gate Lane
Florence, KY 41042 USA

Phone +1-859-957-1722
Toll free 888-MILAINT (645-2468)
Web www.milaint.com