



FLUID MANAGEMENT

**PRODUCT CATALOG
FOR VETERINARIANS**

Pivotal[®]
VITAL TO YOUR PRACTICE

BROAD PORTFOLIO. PROVEN PERFORMANCE.

From incorporating industry-leading components on our primary, extension, and ancillary sets to ultra-sharp needles on our syringes, IV catheters, and winged infusion sets, Pivetal's line of fluid and drug administration products is dynamic, meeting the demands of any fast-paced veterinary practice. Pivetal's high-quality products rival leading brands with human-grade quality and veterinary industry preferred features, ensuring comfort for patients and confidence for practitioners.

Pivetal's fluid and drug administration products are rigorously inspected, pressure and leak tested, ISO compliant, and meet FDA registration requirements. All products are sterile, single-use, and individually packed.

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OUR PROMISE

Did you know that Pivetal Veterinary products were designed with veterinarian's in mind? That means you won't find Pivetal products through online or through major retailers. Our goal is to help you keep patient care costs affordable and your practice(s) profitable. Establish practice loyalty and drive compliance by providing your customers with a brand that is only available through you, the veterinarian. **Make us a pivotal part of your practice today!**

PATTERSON EXCLUSIVE IV SOLUTIONS

A leader in infusion and nutrition therapy, Fresenius Kabi is one of the largest manufacturers of IV bags in the world. By combining the latest concept in bag innovation and unique port design, freeflex® promotes safety and convenience.

Lactated Ringer's Injection, USP, Sodium Chloride 0.9% Injection, Dextrose 5% Injection, and Sterile Water are all available in the proprietary freeflex® multilayer polyolefin film, non-PVC, non-DEHP bags. Not made with natural rubber latex.

To order freeflex® IV bags,
visit Pattersonvet.com/freeflex

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IV ACCESS PRODUCTS

Start your patient's treatment or procedure with confidence using Pivetal's IV access products.



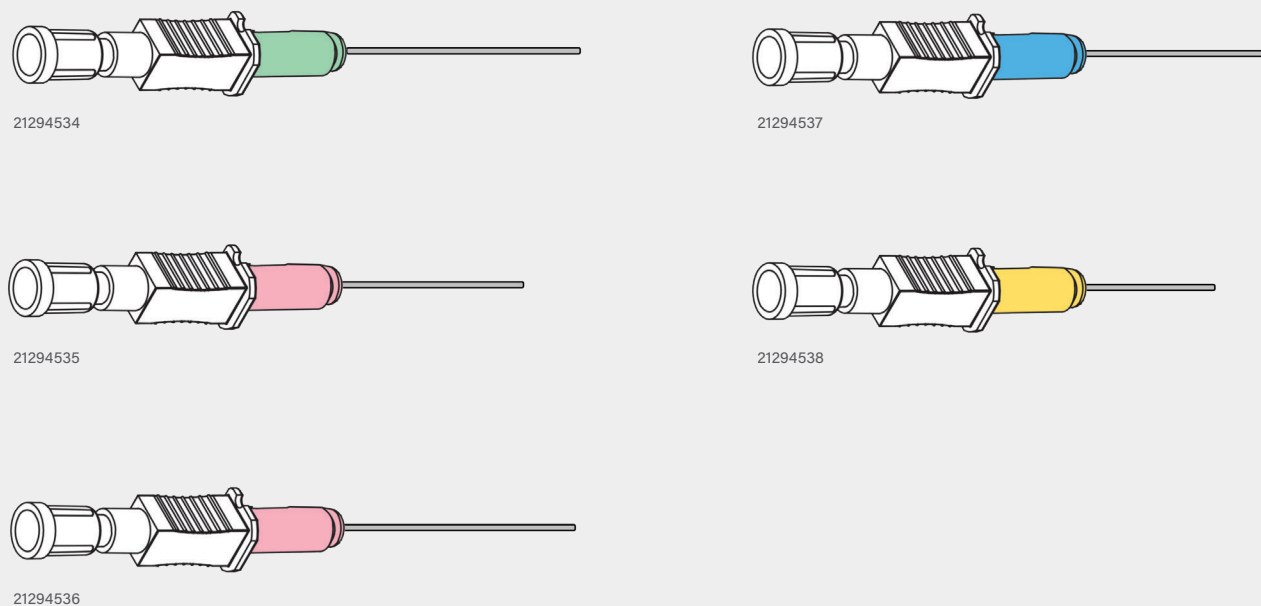
IV CATHETERS

IV Catheters are inserted into patient's vein to gain intravenous access to administer fluids and medications.

- Tapered catheter tips
- Medical-grade lubricant to minimize tissue trauma and patient discomfort
- Textured grip for enhanced control and stability
- Easy-glide tab for one-hand advancement into vessel

MPN	DESCRIPTION	GAUGE	NEEDLE LENGTH	GRAVITY FLOW RATE	QTY
21294534	IV Catheter	18	1.25"	100 mL/min	1
21294535	IV Catheter	20	1.0"	60 mL/min	1
21294536	IV Catheter	20	1.25"	58 mL/min	1
21294537	IV Catheter	22	1.0"	36 mL/min	1
21294538	IV Catheter	24	0.75"	22 mL/min	1

ILLUSTRATIONS



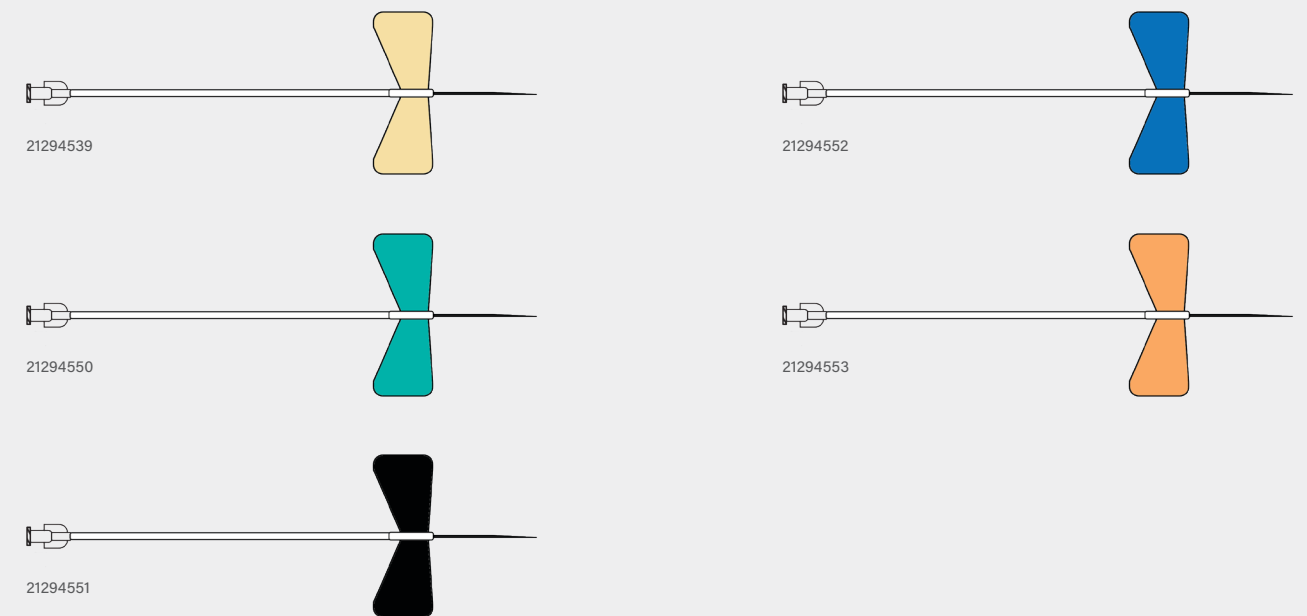
WINGED INFUSION SETS

Winged Infusion Sets, or butterfly sets, are inserted into the patient's vein for short-term procedures such as blood draws and quick medication or fluid administration.

- Low residual volume (0.2 mL)
- 12" tubing
- Textured interlocking wings to enhance control and stability

MPN	DESCRIPTION	GAUGE	NEEDLE LENGTH	TUBING	GRAVITY FLOW RATE	QTY
21294539	Winged Infusion Set	19	0.75"	12"	48 mL/min	1
21294550	Winged Infusion Set	21	0.75"	12"	21 mL/min	1
21294551	Winged Infusion Set	22	0.75"	12"	11 mL/min	1
21294552	Winged Infusion Set	23	0.75"	12"	5 mL/min	1
21294553	Winged Infusion Set	25	0.75"	12"	3.2 mL/min	1

ILLUSTRATIONS



FLUID ADMINISTRATION PRODUCTS

Pivetal offers a variety of administration sets, adapters, and accessories, giving you the ability to create a completely customized setup to meet your patients' individual needs. Our portfolio of fluid administration sets with standard injection sites offers like-for-like equivalents of the most popular configurations in the veterinary industry.



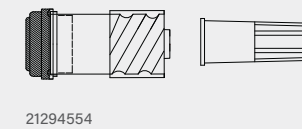
MALE ADAPTER

Male Adapters are used to cap off IV catheters and T-ports.

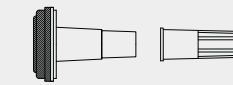
- Punctured rubber reseals after injection
- Luer lock male adapter has ribbed sides for better grip
- Luer slip male adapter has low profile for patient comfort

MPN	DESCRIPTION	TYPE	FITTING	QTY
21294554	Male Adapter	Standard	Luer Lock	1
21294587	Male Adapter	Standard	Luer Slip	1

ILLUSTRATIONS



21294554



21294587



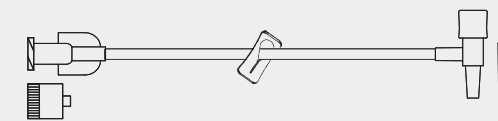
T-CONNECTORS

T-ports or T-connectors connect directly to a patient's IV catheter. Available in macrobore tubing for large dogs and equine patients and microbore tubing, which is suitable for most smaller companion patients including dogs and cats.

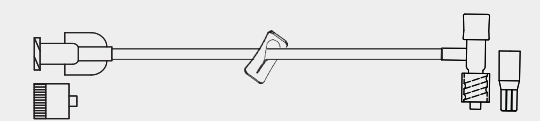
- Available in microbore or large/standard bore tubing
- High elasticity, kink resistant tubing
- Low priming volume
- Includes slide clamp

MPN	DESCRIPTION	TYPE	TUBING	FITTING	LENGTH	QTY
21293556	T-connectors	Standard	Microbore	Luer Slip	5"	50s
21293557	T-connectors	Standard	Microbore	Luer Lock	5"	50s
21293558	T-connectors	Standard	Macrobore	Luer Lock	7"	50s

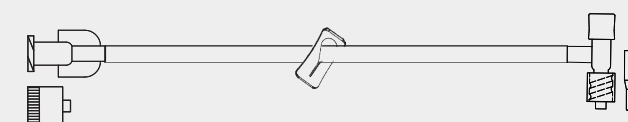
ILLUSTRATIONS



21293556



21293557



21293558

EXTENSION SETS

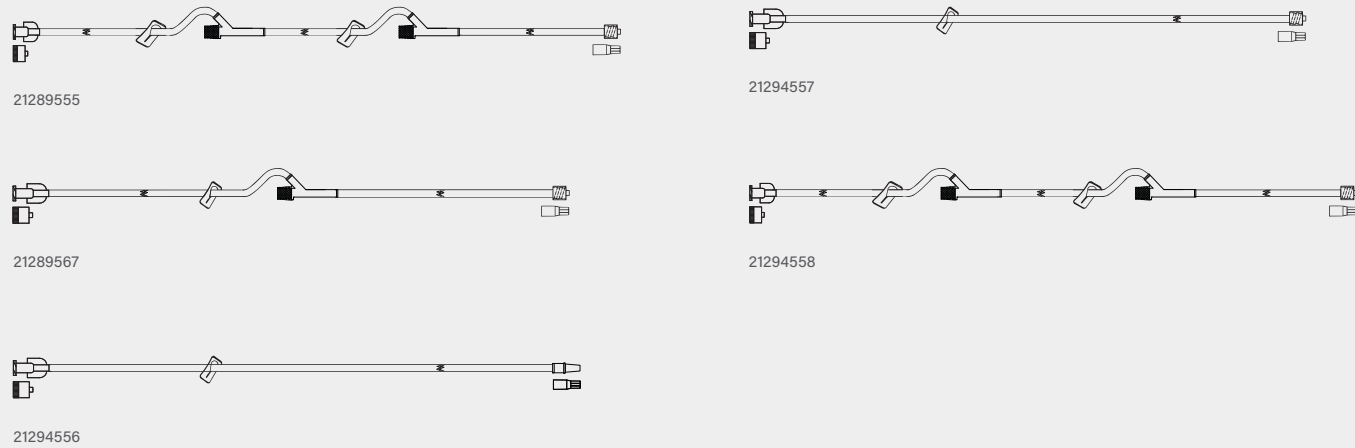
Extension Sets are used to add length to primary administration line or increase the number of injection sites for piggybacks or injections.

- High elasticity, kink resistant tubing
- Rotating male luer can be used as luer lock or luer slip
- Includes slide clamps



MPN	DESCRIPTION	TYPE	FITTING	LENGTH	INJECTION SITE	QTY
21289555	Extension Set	Standard	Rotating Luer	42"	2	1
21289567	Extension Set	Standard	Rotating Luer	30"	1	1
21294556	Extension Set	Standard	Luer Slip	30"	0	1
21294557	Extension Set	Standard	Rotating Luer	30"	0	1
21294558	Extension Set	Standard	Rotating Luer	32"	2	1

ILLUSTRATIONS



ADMINISTRATION SETS

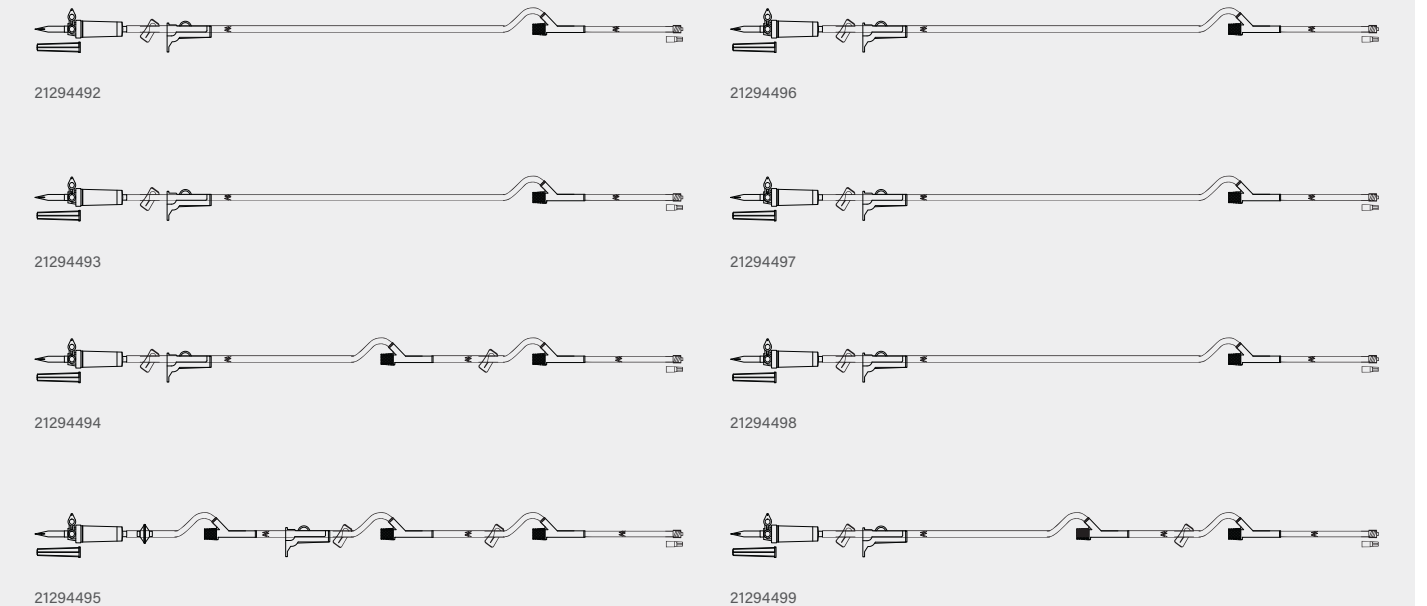
Administration Sets or IV lines are used to administer fluids from fluid bags or hard sided containers using gravity or infusion pumps.

- High elasticity, kink resistant tubing
- Rotating male luer can be used as luer lock or luer slip
- Can be used to administer fluids or drugs in hard sided containers, simply open the vent on the drip chamber
- Includes slide clamps and roller clamps
- **Series A** administration sets are compatible with Abbott or Hospira calibrated infusion pumps
- **Series B** administration sets are compatible with Baxter calibrated infusion pumps and include a proprietary clamp for Baxter Flo-Gard®



MPN	DESCRIPTION	TYPE	LENGTH	DROPS/mL	INJECTION SITE	QTY
21294492	IV Administration Set	Series A Standard	70"	60	1	1
21294493	IV Administration Set	Series A Standard	80"	15	1	1
21294494	IV Administration Set	Series A Standard	103"	15	2	1
21294495	IV Administration Set	Series A Standard	103"	15	3	1
21294496	IV Administration Set	Series B Standard	70"	60	1	1
21294497	IV Administration Set	Series B Standard	80"	15	1	1
21294498	IV Administration Set	Series B Standard	103"	10	1	1
21294499	IV Administration Set	Series B Standard	103"	10	2	1


ILLUSTRATIONS



ADVANCEMENTS IN NEEDLE-FREE SOLUTIONS

On average, there are 385,000 needlestick and other sharps-related injuries per year in hospital settings, a costly hazard for practice owners.¹ With needle-free technology now widely accessible and no longer cost-prohibitive, practices can increase savings by reducing the need for parts and pieces like caps, blunt cannulas, and needles. The expense of sharps and biohazardous waste removal may also decrease when adopting needle-free technology.*

Pivetal's suite of needle-free options is equivalent to the most widely used traditional infusion therapy products in the veterinary industry. Reduce the risk of needlesticks, contamination, and catheter-related bloodstream infections in fast-paced clinical environments with our needle-free solutions.

MICROCLAVE® CLEAR TECHNOLOGY: Pivetal's needle-free solutions utilize MicroClave® Clear, the newest version of the industry leading blue MicroClave™ needle-free valve. The MicroClave® Clear allows for better visibility to monitor the flow of fluids throughout the administration setup.

REFERENCES 1. Sharps Safety Workbook. www.cdc.gov/sharpsafety/pdf/workbookcomplete.pdf (pages 1-8)
*Reference your state and local regulations for sharps disposal.

NEEDLE-FREE MALE ADAPTERS

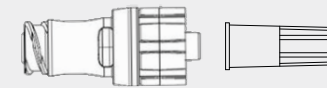
Needle-free Male Adapters provide needle-free access and a closed system to a variety of medical devices with the NUTIV needle-free valve male adapter.

- Allows visibility of the fluid path
- Swabbable surface for easy cleaning
- Secure connection onto any ISO compliant female end



MPN	DESCRIPTION	TYPE	FITTING	QTY
21293555	Male Adapter	Needle-free	Luer Lock	1

ILLUSTRATION



21293555

NEEDLE-FREE T-CONNECTORS

Needle-free T-ports or T-connectors provide a closed system and eliminate the need to clamp T-ports and use a male adapter when disconnecting patients from fluids.

- Utilizes MicroClave™ Clear, the newest version of the popular MicroClave™
- High elasticity, kink resistant microbore tubing
- Includes slide clamp



MPN	DESCRIPTION	TYPE	TUBING	FITTING	LENGTH	QTY
21293559	T-connectors	Needle-free	Microbore	Luer Lock	7"	1
21294555	T-connectors	Needle-free	Microbore	Luer Slip	7"	1

ILLUSTRATIONS



21293559



21294555

NEEDLE-FREE EXTENSION SETS

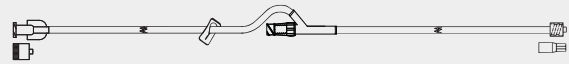
Extension Sets allow you to add length or additional needle-free injection sites to your administration set.

- Utilizes MicroClave™ Clear, the newest version of the popular MicroClave™
- High elasticity, kink resistant tubing
- Rotating male luer can be used as luer lock or luer slip
- Includes slide clamps

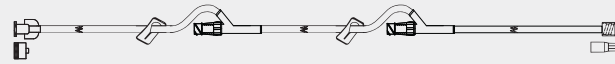


MPN	DESCRIPTION	TYPE	FITTING	LENGTH	INJECTION SITE	QTY
21294580	Extension Set	Needle-free	Rotating Luer	30"	1	1
21294581	Extension Set	Needle-free	Rotating Luer	42"	2	1

ILLUSTRATIONS



21294580



21294581

NEEDLE-FREE ADMINISTRATION SETS

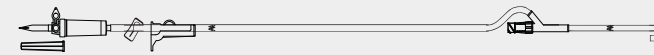
Needle-free Administration Sets are ideal for patients that will require multiple fluids or drugs to be administered simultaneously. Administer medication or connect a secondary administration set directly on the MicroClave™ injection site without needles or blunt cannulas.

- Utilizes MicroClave™ Clear, the newest version of the popular MicroClave™
- High elasticity, kink resistant tubing
- Rotating male luer can be used as luer lock or luer slip
- Can be used to administer fluids or drugs in hard sided containers, simply open the vent on the drip chamber
- Includes slide clamps and roller clamps
- **Series A** administration sets are compatible with Abbott or Hospira calibrated infusion pumps
- **Series B** administration sets are compatible with Baxter calibrated infusion pumps and include a proprietary clamp for Baxter Flo-Gard®

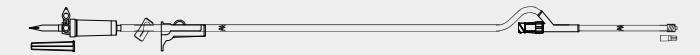


MPN	DESCRIPTION	TYPE	LENGTH	DROPS/mL	INJECTION SITE	QTY
21294582	IV Administration Set	Series A Needle-free	103"	15	1	1
21294895	IV Administration Set	Series A Needle-free	78"	15	1	1
21294583	IV Administration Set	Series B Needle-free	103"	10	1	1
21294896	IV Administration Set	Series B Needle-free	78"	10	1	1

ILLUSTRATIONS



21294582



21294583



21294895



21294896

CUSTOMIZE YOUR FLUID ADMINISTRATION SET UP WITH PIVOTAL

EVERY PIVOTAL FLUID ADMINISTRATION PRODUCT EXCEEDS THE HIGHEST STANDARDS:

- Meet FDA, ISO, cGMP & CE standards
- Inspected before release to market
- Pressure & leak tested

CHOOSE YOUR ADMINISTRATION SET

A SERIES		B SERIES	
STANDARD	NEEDLE-FREE	STANDARD	NEEDLE-FREE
4 SKUs - PAGE 8	2 SKUs - PAGE 12	4 SKUs - PAGE 8	2 SKUs - PAGE 12
70" 60 drop, 1 inj site 80" 15 drop, 1 inj site 103" 15 drop, 2 inj site 103" 15 drop, 3 inj site	78" 15 drop, 1 inj site 103" 15 drop, 1 inj site	70" 60 drop, 1 inj site 80" 15 drop, 1 inj site 103" 10 drop, 1 inj site 103" 10 drop, 2 inj site	78" 10 drop, 1 inj site 103" 10 drop, 1 inj site

CHOOSE YOUR EXTENSION SET

NO INJECTION SITES
2 SKUs - PAGE 7
30", Luer Slip
30", Rotating Male Luer

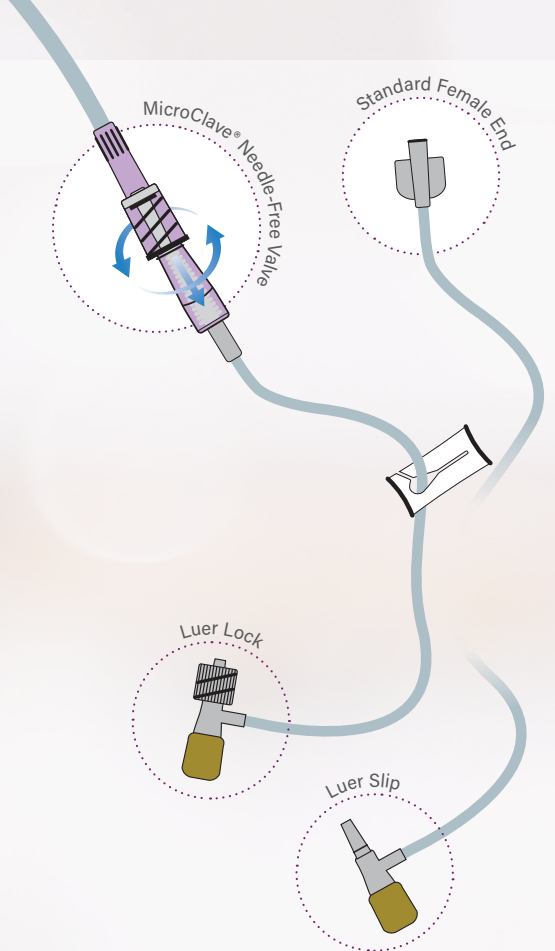
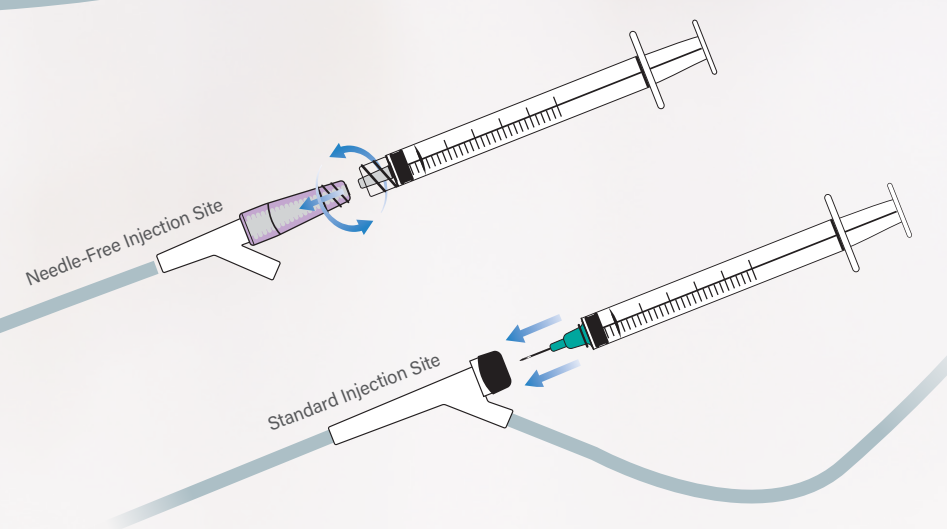
STANDARD INJECTION SITES
3 SKUs - PAGE 7
30", 1 Inj Site
32", 2 Inj Site
42", 2 Inj Site

NEEDLE-FREE INJECTION SITE
2 SKUs - PAGE 11
30", 1 Inj Site
42", 2 Inj Site

10
Drops/mL
Series B

15
Drops/mL
Series A

60
Drops/mL
Series A



CHOOSE YOUR T-PORT

STANDARD T-PORTS
3 SKUs - PAGE 6
5" Microbore, Luer Slip
5" Microbore, Luer Lock
7" Microbore, Luer Lock

NEEDLE-FREE T-PORTS
2 SKUs - PAGE 10
7" Microbore, Luer Slip
7" Microbore, Luer Lock

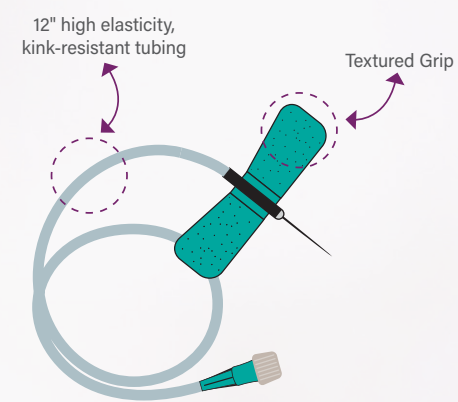
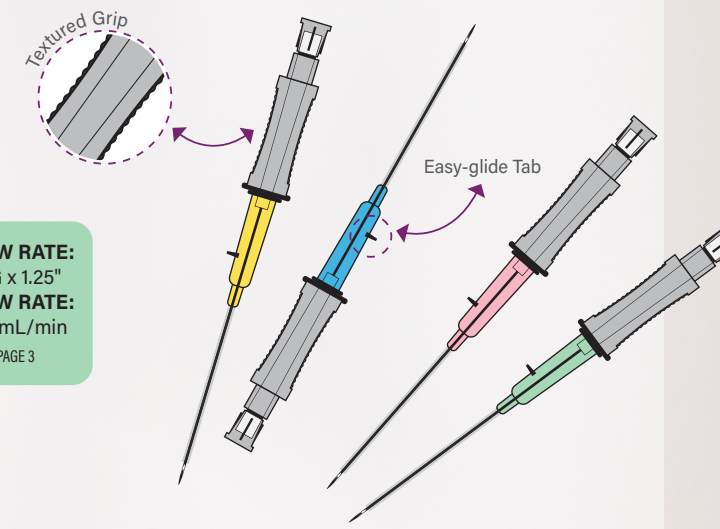
CHOOSE YOUR MALE ADAPTER

STANDARD MALE ADAPTER
2 SKUs - PAGE 6
Luer Slip
Luer Lock

NEEDLE-FREE MALE ADAPTER
PAGE 10

CHOOSE YOUR IV CATHETER

FLOW RATE: 24G x 0.75" FLOW RATE: 22 mL/min PAGE 3	FLOW RATE: 22G x 1.00" FLOW RATE: 36 mL/min PAGE 3	FLOW RATE: 20G x 1.00" FLOW RATE: 60 mL/min PAGE 3	FLOW RATE: 20G x 1.25" FLOW RATE: 58 mL/min PAGE 3	FLOW RATE: 18G x 1.25" FLOW RATE: 100 mL/min PAGE 3
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CHOOSE YOUR WINGED INFUSION SET

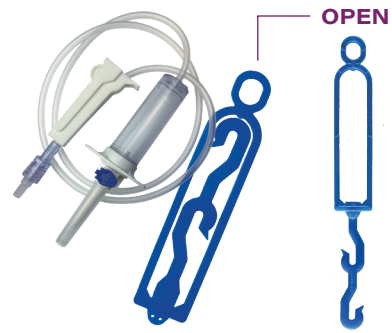
FLOW RATE: 19G x 0.75" FLOW RATE: 48 mL/min PAGE 4	FLOW RATE: 21G x 0.75" FLOW RATE: 21 mL/min PAGE 4	FLOW RATE: 22G x 0.75" FLOW RATE: 11 mL/min PAGE 4	FLOW RATE: 23G x 0.75" FLOW RATE: 5 mL/min PAGE 4	FLOW RATE: 25G x 0.75" FLOW RATE: 3.2 mL/min PAGE 4
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SPECIALTY FLUID ADMINISTRATION PRODUCTS

7" Microbore Bifuse Set, Needle-free Valves, Luer Lock
PAGE 16

60" Smallbore Extension Set, Luer Lock
PAGE 15

35" 15 Drop Secondary Administration Set, Secondary Hanger
PAGE 15



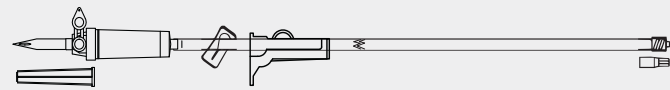
SECONDARY EXTENSION SETS

Secondary Extension Sets or "piggyback" sets are used to administer additional fluids or drugs to a patient, such as antibiotics or other medications.

- Includes extender hook to lower the primary bag when administering a piggyback infusion
- 35" tubing to prevent tangled lines
- Rotating male luer can be used as luer lock or luer slip
- Includes slide clamp and roller clamp

MPN	DESCRIPTION	TYPE	LENGTH	DROPS/mL	INJECTION SITE	QTY
21289566	Extension Set	Secondary	35"	15	0	1

ILLUSTRATION



21289566



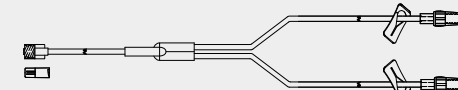
BIFUSE SETS

Needle-free Bifuse Sets, or bifurcated sets, are used to administer two different fluids or medications into one access point. Bifuse sets are ideal when you need to administer two different fluids or medications at different rates.

- Utilizes MicroClave™ Clear needle-free valves
- Includes slide clamps
- Luer lock connection
- Low priming volume
- High elasticity, kink resistant microbore tubing

MPN	DESCRIPTION	TYPE	TUBING	FITTING	LENGTH	QTY
21294586	Bifuse Set	Needle-free	Microbore	Luer Lock	7"	1

ILLUSTRATION



21294586



SMALLBORE EXTENSION SETS

Smallbore Extension Sets are used to administer medications or fluids delivered via syringe pump. The minimal priming volume makes smallbore extension sets ideal for administering low volume dosed medications accurately while reducing waste.

- Perfect for Constant Rate Infusions, or CRIs
- Low priming volume (0.8 mL)
- Luer lock connection
- Kink resistant, high elasticity smallbore tubing

MPN	DESCRIPTION	TYPE	FITTING	LENGTH	QTY
21289565	Extension Set	Smallbore	Luer Lock	60"	1

ILLUSTRATION



21289565

INTRODUCING THE UNIVERSAL IV PUMP.

You choose the line.
Patterson's got the pump.



The new Mindray BeneFusion Infusion Pump is precisely calibrated to work with all IV lines, including Abbott, Baxter and **Pivetal**. Patterson selected the BeneFusion for ease of use, universal application and durability. And Patterson stands behind it with stellar service.

pattersonvet.com
800.225.7911





COMPLETE YOUR PORTFOLIO WITH PIVETAL.

Pivetal's line of fluid and drug administration products is dynamic to meet the needs of any on-the-go practice. Our disposable, hypodermic needles and syringes are designed for accuracy while ensuring patient comfort.

Sold as **pre-assembled needle and syringe combo packs** or **individualized needles and syringes** to meet your needs.



NEEDLES & SYRINGES

Pivotal's Needles and Syringes are designed with sturdy, high-quality features that improve overall clinical experience. All needle and syringe products are disposable and are intended for one-time use only.

- Tri-beveled needle coated in medical-grade silicone lubricant for smooth insertion
- Lubricated plunger for smooth depression of syringe
- Ergonomic barrel flanges for grip and control
- Stark, contrasted markings for precise solution measurements
- Latex-free plunger tip
- Sterile and individually packaged
- Not made with natural rubber latex

COLOR-CODED GAUGES

When creating a high-quality product that's easy to use, Pivotal considers all the unique preferences of veterinarians, then we attend to every single characteristic and detail. With standard color-coding, we make it easy for clinicians to quickly select the correct gauge size.

PIVOTAL'S STANDARD NEEDLE GAUGE COLOR CHART

Color-coded hubs for clear gauge size visibility

30 G Light Blue	29 G Dark Orange	28 G Brown	27 G Yellow	26 G White Opaque	25 G Red	23 G Orange	22 G Blue
21 G Lavender	20 G Pink	19 G Lime Green	18 G Green	17 G Pale Green	16 G Grey	15 G Clear	14 G Burnt Orange

HYPODERMIC NEEDLES

These polypropylene hub hypodermic needles are designed to be easily identifiable and to ensure comfort when injecting. Each unique feature is intended to reinforce needle quality while improving both practitioner and patient experience.

- Color-coded hubs for quick gauge size identification
- Sealed, autoclavable hard packs ensure sterility



MPN	DESCRIPTION	HUB	BEVEL	GAUGE	NEEDLE LENGTH	PACKAGE	QTY
21295184	Hypodermic Needle	Polypropylene	Tri	18	1"	Rigid	100s
21295183	Hypodermic Needle	Polypropylene	Tri	18	1 1/2"	Rigid	100s
21295179	Hypodermic Needle	Polypropylene	Tri	20	1"	Rigid	100s
21295182	Hypodermic Needle	Polypropylene	Tri	20	1/2"	Rigid	100s
21295178	Hypodermic Needle	Polypropylene	Tri	20	1 1/2"	Rigid	100s
21295181	Hypodermic Needle	Polypropylene	Tri	20	3/4"	Rigid	100s
21295176	Hypodermic Needle	Polypropylene	Tri	22	1"	Rigid	100s
21295177	Hypodermic Needle	Polypropylene	Tri	22	3/4"	Rigid	100s
21295175	Hypodermic Needle	Polypropylene	Tri	25	5/8"	Rigid	100s





HYPODERMIC NEEDLE & SYRINGE COMBINATIONS

Our polypropylene hub hypodermic needle and syringe combinations are pre-assembled to maximize in-clinic efficiency.

- Color-coded hubs for quick gauge size identification
- Available in soft or rigid pack presentations

MPN	DESCRIPTION	HUB	BEVEL	GAUGE	NEEDLE LENGTH	SIZE	FITTING	PACKAGE	QTY
21295185	Needle & Syringe Combination	Polypropylene	Tri	25	5/8"	1 cc	Luer Slip	Rigid	100s
21295191	Needle & Syringe Combination	Polypropylene	Tri	20	1"	3 cc	Luer Lock	Rigid	100s
21295188	Needle & Syringe Combination	Polypropylene	Tri	22	3/4"	3 cc	Luer Lock	Rigid	100s
21295189	Needle & Syringe Combination	Polypropylene	Tri	22	3/4"	3 cc	Luer Slip	Rigid	100s
21295190	Needle & Syringe Combination	Polypropylene	Tri	22	1"	3 cc	Luer Lock	Rigid	100s
21295197	Needle & Syringe Combination	Polypropylene	Tri	25	5/8"	1 cc	Luer Slip	Soft	100s
21295204	Needle & Syringe Combination	Polypropylene	Tri	20	1"	3 cc	Luer Lock	Soft	100s
21295200	Needle & Syringe Combination	Polypropylene	Tri	22	3/4"	3 cc	Luer Lock	Soft	100s
21295201	Needle & Syringe Combination	Polypropylene	Tri	22	3/4"	3 cc	Luer Slip	Soft	100s
21295202	Needle & Syringe Combination	Polypropylene	Tri	22	1"	3 cc	Luer Lock	Soft	100s
21295203	Needle & Syringe Combination	Polypropylene	Tri	25	5/8"	3 cc	Luer Lock	Soft	100s



INSULIN SYRINGES

Our insulin syringes are sterile and individually packaged with advanced ergonomic features which support accurate dosing.

- Safety cap covers and protects needle prior to use
- Color-coded caps to quickly differentiate U-40 and U-100 syringes
- Available in soft pack

MPN	DESCRIPTION	BEVEL	SIZE	TYPE	GAUGE	NEEDLE LENGTH	PACKAGE	QTY
21295149	Insulin Syringe	Tri	0.3 cc	U-40	29	1/2"	Soft	100s
21295161	Insulin Syringe	Tri	0.5 cc	U-40	29	1/2"	Soft	100s
21295160	Insulin Syringe	Tri	1 cc	U-40	29	1/2"	Soft	100s
21295148	Insulin Syringe	Tri	0.3 cc	U-100	29	1/2"	Soft	100s
21295061	Insulin Syringe	Tri	0.5 cc	U-100	29	1/2"	Soft	100s



SYRINGES

These needleless syringes are manufactured to precise tolerances to offer accurate dosage delivery. Available in either luer lock or luer slip tips to match your existing fluid administration configuration.

- Available in soft or rigid pack presentations

MPN	DESCRIPTION	SIZE	FITTING	PACKAGE	QTY
21295187	Syringe	3 cc	Luer Lock	Rigid	100s
21295186	Syringe	3 cc	Luer Slip	Rigid	100s
21295192	Syringe	6 cc	Luer Lock	Rigid	50s
21295193	Syringe	6 cc	Luer Slip	Rigid	50s
21295194	Syringe	12 cc	Luer Lock	Rigid	80s
21295195	Syringe	12 cc	Luer Slip	Rigid	80s
21295196	Syringe	20 cc	Luer Lock	Rigid	80s
21295198	Syringe	1 cc	Luer Slip	Soft	100s
21295199	Syringe	3 cc	Luer Slip	Soft	100s



DID YOU KNOW? You can easily inject into needle-free valves with **luer slip syringes**. Simply turn your **luer slip syringe** 90 degrees as you push your syringe into the valve.

For more information, please visit pivetalvet.com



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VITAL TO YOUR PRACTICE