

Printed double-sided

Priming Advice

If the dose selector does not return to the start line, and no insulin has been expelled, this may indicate one of two possibilities:

- The VetPen™ needle that you are using may be blocked. Remove the VetPen™ needle currently attached to the VetPen™ and replace it with a new one. Then return to steps 7 and 8.
- The cartridge plunger may require releasing. If so:
 - Replace the outer protective cap onto the needle.
 - Unscrew the cartridge holder.
 - Slide the release button towards the internal plunger and hold in place until the start line on the dose selector returns to the arrow on the pen body.
 - Dial up 2 units on the dose selector without screwing the internal plunger back together and simply push and hold down the release button towards the internal plunger until the start line on the dose selector returns to the arrow on the pen body.
 - Without rewinding the internal plunger, screw the cartridge holder and body firmly together. This will release the cartridge plunger and expel some of the insulin. However, the device will **not** be primed.
 - Holding the device upright, repeat steps 7-8 until the device is fully primed.

Accessories

The following accessories are provided with the VetPen™

- the dose selector adaptor fits onto the dose selector for easier dialing
- the release button extension simply clips onto release button for improved grip
- the needle remover is used to safely remove the pen needle from the cartridge holder after each injection - refer to step 11 for details

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76x182mm
C M Y K

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AC/1273/11/0363/01



VetPen™

Automatic Insulin Delivery Pen
for Animal Use only

VetPen™ is only for use with 2.7 ml
vetsulin® (porcine insulin zinc suspension)
cartridges



Instructions for Use

VetPen™ 8 delivers
0.5 – 8 units in
½ unit increments

VetPen™ 16 delivers
1 – 16 units in
one unit increments

Components

VetPen™ is available in two versions: VetPen 8, which delivers 0.5 to 8 units in 0.5 unit increments per injection, and VetPen 16, which delivers 1 to 16 units in 1 unit increments per injection.



- | | |
|--|---|
| A. Dose selector | G. Pen needle with needle cover & protective caps |
| B. Pen body | H. Cartridge plunger |
| C. Release button | I. Cartridge |
| D. Internal plunger | J. Dose selector adaptor |
| E. Cartridge holder with remaining units indicated | K. Release button extension |
| F. Pen cap | L. Needle remover |

Pen Needles

The VetPen™ comes with specially lubricated VetPen™ 29G/12 mm pen needles. Sterility is guaranteed for 5 years from the date of sterilization if the package seal is undamaged. The VetPen™ should be used only with VetPen™ 29G/12 mm pen needles.



How to Use VetPen™

PLEASE FOLLOW THESE STEP-BY-STEP INSTRUCTIONS CAREFULLY BEFORE USING VETPEN.

Failure to follow these instructions may result in inaccurate dosing of your dog or cat.

Insulin cartridges from any supplier other than Merck Animal Health should not be used with either VetPen™.

Loading a cartridge onto VetPen™

- Prior to loading vetsulin® cartridges, shake the cartridge until a homogeneous, uniformly milky suspension is obtained. Clumps or white particles can form in insulin suspensions: do not use the product if visible clumps or white particles persist after shaking.
- Pull off the VetPen™ cap and unscrew the VetPen™ body from the cartridge holder.



- Check to ensure that the internal plunger is fully retracted. If the internal plunger is not fully retracted, please refer to step 13 to see how to wind the internal plunger back in.



- Load the insulin cartridge into the cartridge holder by inserting the metal cap in first.



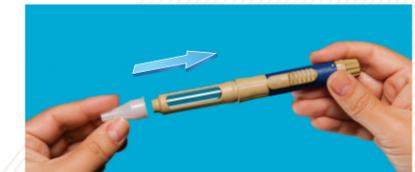
- Screw the cartridge holder and VetPen™ body firmly together.



Priming the VetPen™

Steps 6 to 8 must be followed before each injection.

- Peel the protective film from a new VetPen™ needle. Screw the VetPen™ needle straight onto the cartridge holder. Remove the outer protective needle cap from the VetPen™ needle.



Instructions continued on reverse side.

BACK COVER @ 76mm

FRONT COVER @ 76mm

PULL OUT @ 72mm PER PANEL

Priming the VetPen™ (cont.)

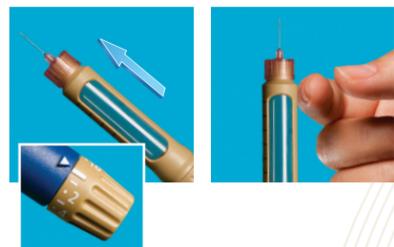
Replace the pen cap then shake the VetPen™ until a homogenous, uniformly milky suspension is obtained.



- 7 **It is important to remove the air from the cartridge (prime) before use to avoid injection of air and ensure proper dosing.** Dial one unit on the dose selector. Remove the pen cap.



- 8 Hold the VetPen™ with the needle pointing up. Tap the cartridge gently with your finger a few times to push any air bubbles to the top of the cartridge. Push and hold the release button towards the needle until the arrow (▶) on the pen body points to the starting line (—) on the dose selector.



Repeat steps 7 and 8 until the air bubble is gone and insulin drips out of the needle tip. The VetPen™ is now ready for use.

If the start line (—) on the dose selector does not return to the arrow (▶) on the VetPen™ body, please refer to the Priming Advice information at the end of these instructions.

Injecting an insulin dose into your dog or cat

- 9 Make sure the arrow (▶) on the pen body points to the start line (—) on the dose selector.



The numbers on the cartridge holder can be used as a guide to estimate remaining insulin. If there is not enough insulin, change the cartridge.

Dial up the number of units prescribed by your veterinarian. (The dose shown in this photograph is an example only. Your veterinarian will tell you the recommended dose for your dog or cat.)



Never attempt to forcefully dial back the dose selector, as doing so may damage the insulin pen and result in inaccurate dosing.

Injecting an insulin dose into your dog or cat (cont.)

If at any time you over dial the dose, you should fully expel the incorrect dose into a safe place, for example into the sink. Then redial the correct dose prescribed by your veterinarian. Make sure that the arrow (▶) points towards the correct number of units on the dose selector before injecting.

- 10 The injection should be performed subcutaneously, 2 to 5 cm (3/4 to 2 in) from the dorsal midline, varying from behind the scapulae (shoulder) to the mid-lumbar (mid-back) region and alternating sides. Insert the needle using the injection technique recommended by your veterinarian then push the release button towards the pen needle and hold it in place until the start line on the dose selector returns to the arrow on the pen body (▶—).

Releasing the button prematurely will result in incomplete delivery of the dose.

After the start line returns to the arrow, wait for a **minimum of 5 seconds** before removing the needle from the skin.

If the needle is removed or dislodged from the skin too early, you may observe small drops of insulin leaking from the needle, which can result in incomplete dosing. **If this occurs, do not attempt to re-dose. Wait and give your dog or cat its usual dose at the next injection.**

If the dose selector stops before the start line (—) returns to the arrow (▶), this indicates that your dog or cat has not received a full dose.

If only a partial dose is administered, do not attempt to re-dose. Wait and give your dog or cat its usual dose at the next injection.

Removing the needle from the VetPen

- 11 Remove the needle by inserting it in the removal device and unscrewing it. Press the blue tip on the removal device to release the needle. Always check that your pen needle has been removed.



Replace the pen cap onto the insulin pen. Dispose of used pen needles carefully in accordance with the advice given by your veterinarian or local regulations.

Changing the insulin cartridge

- 12 Before changing the insulin cartridge, always make sure that the pen needle has been removed to prevent accidental injury. Unscrew the cartridge holder from the pen body and remove the cartridge.



- 13 Rewind the internal plunger by holding the white lower part of the pen body between the thumb and finger. Turn the pen body until the internal plunger is fully retracted. Return to step 1 to load the next cartridge.



Note: If the internal plunger is rewound incorrectly, it can damage the VetPen™.

Safety Precautions

- VetPen™ should be used only after consultation with your veterinarian.
- VetPen™ should only be used with vetsulin® 2.7 mL cartridges.
- **Before each use, ensure that VetPen™ has been primed in accordance with the instructions detailed in steps 7 and 8. Failure to follow the exact priming procedures could result in inaccurate dosing of your dog or cat.**
- To avoid potential damage to the VetPen™, never dial a dose and push the release button without a cartridge in the cartridge holder.
- A new needle should be used for each injection.
- The needle should be removed with the needle remover and safely disposed of immediately after each injection. If the needle is left on the VetPen™ it may become blocked and affect the dose delivered.
- Consult with your veterinarian should you encounter difficulty in injecting your dog or cat or should your dog or cat display any changes in behavior or clinical condition.
- The VetPen™ has been tested to perform accurately for 2 years (2 doses/day) to 4 years (1 dose/day) of use.

Storage and Cleaning

VetPen™ should always be stored or carried with the needle removed, and the pen cap on. To clean VetPen™, wipe with a damp cloth. Do not immerse in water.

Once loaded with a cartridge, the VetPen™ should be stored under refrigeration at 2° to 8°C (36° to 46°F). The loaded VetPen™ can be stored on its side. Do not freeze. Protect from light.

Use contents within 42 days of first puncture.

Contact Information

Merck Animal Health Technical Services: 800-224-5318
www.vetsulin.com
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PULL OUT @ 72mm PER PANEL

INSIDE FRONT COVER @ 76mm

INSIDE BACK COVER @ 76mm