



caninsulin®
with you for life

Caninsulin® diabetes stabilisation protocol

Establishing a starting dose

Dogs: Start with 0.5 to 1.0 IU/kg bodyweight once daily. The duration of insulin action as determined by a blood glucose curve may require twice daily dosing. If twice daily dosing is indicated, dose per injection should be decreased by 25%.¹

Cats: Initial dosing is 1IU or 2IU per injection based on the below baseline blood glucose. All cats require Caninsulin twice daily (see below for feeding advice).¹

Cat blood glucose concentration	Starting dose per cat
<20mmol/l or <3.6g/l (<360mg/dl)	1IU twice daily
≥20mmol/l or ≥3.6g/l (≥360mg/dl)	2IU twice daily

Carefully monitor on first day of treatment for signs of hypoglycaemia and assess initial response to insulin.

Establishing a maintenance dose

Plot a blood glucose curve

Use a new vial of Caninsulin and ensure dose is administered by vet/nurse. Hospitalise animal and sample every 2 hours for at least 12 hours. In cats, consider home blood glucose curves plotted by owner using ear-prick sampling.

Step
1

ADJUST DOSE. Use small incremental adjustments of 0.5IU per injection for cats. Dose adjustments of approximately 10% per injection are appropriate for dogs.

Step
2

ALLOW AT LEAST 3 DAYS IN DOGS AND 7 DAYS IN CATS AFTER EACH DOSE ADJUSTMENT.

This will allow time for the animal's blood glucose levels to reach a steady state after a dose adjustment and is a convenient practical interval. Do not alter the dose more frequently than every 3 days in dogs and 7 days in cats.

Step
3

REASSESS THE ANIMAL. This may not require a full blood glucose curve every time the pet is seen. A few samples taken around the expected nadir (aiming for 6-9mmol/l) may suffice in conjunction with clinical signs.

Step
4

REPEAT STEPS 1-3 UNTIL THE ANIMAL IS STABLE. Aim primarily for clinical stability – resolution of clinical signs – which usually indicates good glycaemic control.

Step
5

LONG TERM MONITORING. Owner to monitor weight, appetite, drinking and general demeanour. Follow up examinations every 2-4 months are advised to monitor the animal's health, the owner's records and to assess the animal's biochemical parameters (such as blood glucose and fructosamine).

Feeding

Dogs: Once daily dosing: Feed half the daily meal at time of insulin injection and feed other half at peak insulin activity, which occurs in dogs between 4-8 hours post subcutaneous injection.

Twice daily dosing: Feed half the daily meal to coincide with the first injection and the other half of the meal with the subsequent injection (12 hours later).

Cats: Allow cats to eat as they are accustomed, accounting for their clinical condition.

Further advice and information on the stabilisation and maintenance phases is available in the SPC and package leaflet.



MSD
Animal Health

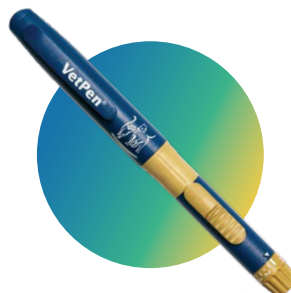
Caninsulin® VetPen® is exclusively designed for pets to deliver more comfort and accurate² insulin dosing

Available in two sizes:



**0.5 to 8 units in
0.5-unit steps**

Suitable for small
dogs and cats



**1 to 16 units in
1-unit steps**

Suitable for
large dogs

1 Insert cartridge

2 Attach needle

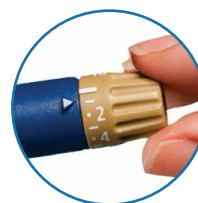
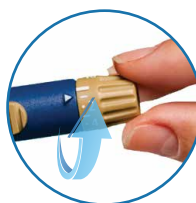
3 Remove air bubbles*

4 Select dose

5 Inject dose**

6 Remove needle

VetPen: the easy to use option in 6 simple steps



For most people, the most comfortable approach is to hold the pen like a writing pen against the palm with the four fingers and then use the thumb to press the trigger.

* **Remove air bubbles** (priming the cartridge) only with the first use of the cartridge by instructing the pet owner to dial up 1-2 units and to inject these units into the air a few times in a safe environment, e.g. over a sink, until getting a steady stream of insulin.

** **Inject the dose.** The release button needs to be pressed and the needle held in the skin for 5-10 seconds to ensure complete delivery of the insulin dose. The easiest way to ensure this is to instruct the pet owner to count to 5 (or 10) before removing the needle.

References: 1. Caninsulin Summary of Product Characteristics. 2. Burgaud, S., Riant, S. & Piau, N. (2012). Comparative laboratory evolution of dose delivery using a veterinary insulin pen. WSAVA Poster.

Caninsulin® 40 IU/ml Suspension for Injection contains porcine insulin. **POM-V**
Further information is available from the SPC, datasheet or package leaflet.
Advice should be sought from the medicine prescriber.

Prescription decisions are for the person issuing the prescription alone.

Use Medicines Responsibly.

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