Caninsulin Diabetes
Stabilisation Protocol

This information is supplementary to the summary of product characteristics. All other product information should be read in conjunction with the protocol.

**STEP 1 DIAGNOSIS OF DIABETES MELLITUS**

**STEP 2 CANINSULIN TREATMENT**

**ESTABLISHING A STARTING DOSE**

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

**DOGS:** In studies conducted with Caninsulin, 0.5 to 1.0 IU/kg bodyweight once daily has been shown to be an appropriate starting dose. The duration of insulin action as determined by a blood glucose curve may require twice daily dosing. In such cases, the dose per injection should be decreased by 25% so the total daily dose is less than doubled. Dosing should be twelve hours apart (see over for feeding advice).

Twice daily administration of Caninsulin is often recommended by UK experts as best practice as it appears to offer improved glycaemic control over insulin administered once daily. An appropriate starting dose for dogs receiving Caninsulin twice daily would be 0.25-0.5 IU/kg.

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

**MAINTAIN INITIAL DOSE (UNCHANGED) FOR 7-21 DAYS**

This will allow time for the animal’s blood glucose levels to reach a steady state. Do not alter the dose more frequently than every 3 days in dogs and 7 days in cats. Establish owner routine: www.mypetonline.co.uk/petdiabetes

**PLOT 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 3 ADJUST DOSE**

Use small incremental adjustments of 1 IU per injection for cats. Dose adjustments of approximately 10% per injection are appropriate for dogs.

**STEP 4 ALLOW 7 DAYS 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 5 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 6-9 mmol/l) may suffice in conjunction with clinical signs.

**STEP 6 REPEAT STEPS 3-5 UNTIL THE ANIMAL IS STABLE**

Aim primarily for clinical stability - resolution of clinical signs - which usually indicates good glycaemic control.

**STEP 7 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).

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