



DANADA VETERINARY HOSPITAL, P.C.

FreeStyle Libre (CGM) System

The *Freestyle Libre* sensor is used to continuously monitor blood glucose at home for our diabetic patients. The sensor is placed and fixed for up to 14 days on the shoulder blade and requires only the swipe of the cell phone or handheld reader to get blood glucose levels. This takes away the need for multiple blood draws throughout the day, relieving stress and compiles multiple days of data.

What you will need:

1. A *Freestyle Libre* sensor. (We can call in the sensor and handheld reader to a human pharmacy. We will place the sensor in the hospital.)
2. A handheld reader or *Freestyle Libre* app on your smartphone.

How to get started:

You will collect data over the course of the day. The daily graph on the left side of the drop-down screen will show the blood glucose every hour. These are the graphs that are sent to our DVH email.

1. Download the *Freestyle Libre* app (If using a *Freestyle Libre 2* sensor, make sure you have the *Freestyle Libre 2* app)
2. Have a veterinary professional place the freestyle libre sensor. For animals, a small area is shaved on either shoulder blade for the sensor to be placed.
3. Click the “scan new sensor” button and wave the phone or reader above the sensor. (The sensor does not read for an hour after first placement.)

How to send the graphs:

Screenshot each daily graph and send it to customerservice@danadavet.com. You can collect data each day and send all the graphs at the end of the week.

Stable diabetic glucose readings and when to report low glucose readings:

Dogs: Glucose of 100-250 mg/dL for the majority of a 24-hour period.

Cats: Glucose of 120-300 mg/dL for the majority of a 24-hour period.

Please report if blood glucose (BG) is under 50-60 mg/dL. We may ask you to bring your pet in to double check if the sensor is reading correctly by checking a glucose in hospital. If you have an *Alphatrak* or other traditional glucometer, you may also be able to check this at home. If the BG is low, give food or Karo syrup and report the findings to DVH.

Precautions:

The sensor is labeled for human use and this sensor can fall off before the 14-day mark. Even 2-3 days of data can be more helpful than one day of glucose readings.

The sensor is measuring interstitial fluid glucose which can be slightly delayed compared to the glucose in the bloodstream.

We can easily remove the sensor at the end of the 14-day period. Please do not try to pull the sensor off at home.