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The Great Punkin!

Signalment and Partial History

- 13 year old MC Feline Domestic Long Hair
- Diagnosed at rDVM with Diabetes mellitus in December 2010.
- Uncontrolled since then.
- By June 2011, was on 8 units of Glargine BID.



Uncontrolled Feline Diabetes Mellitus

- Uncontrolled Feline Diabetes (Insulin Resistance)
 - most cats controlled with less than 1.0U/kg intermediate or long acting insulin per dose
 - Insulin Resistance - greater than 1.5U/kg per dose to control blood glucose levels under 300mg/dl
 - Or failure to get blood glucose levels below 300mg/dl.
 - Typical dose of Glargine is usually 1.0U per dose.

Punkin was on 1.3units/kg per dose!



Disorders that interfere with insulin action:

- Severe Obesity
- Chronic pancreatitis
- Renal insufficiency
- Hyperthyroidism
- Oral infections
- Acromegaly
- Hyperadrenocorticism



Back to Punkin...

- In June, rDVM tested for acromegaly.
- Tested IGF and confirmed diagnosis.
- Now currently on 15.5 U Glargine BID (2.5U/kg/dose)
- Presented to Internal Medicine for confirmation and treatment.



Physical Exam and Plan: 9/19/11

- T – 101.7, P – 210, R – 60
- Weight – 6.28kg
- Mild debris in both ears
- Excessive urination in cage
- No murmur to be heard.

- CT Scan/MRI
- Echocardiogram
- Stereotactic Radiation Therapy



Endocrine Tumor!

