

Diabetic Cat Protocol

Due to the high number of diabetic cat intakes, limited ability to regularly provide insulin in a busy shelter setting, and limited foster homes willing to take diabetic cats, APA! will attempt to manage our diabetic cats based on dietary management and clinical signs.

If unable to satisfactorily control cat's comfort in this manner, we will initiate the use of insulin with the following recheck and management plan.

- 1) A cat is diagnosed as diabetic while in our care based on the following:
 - a. Clinical signs (polyphagia, pu/pd, weight loss) reported 2+ times
 - b. Glucosuria (free catch w/ no-sorb)
 - c. Hyperglycemia (2 spot BG where BG > 350)
- 2) If a cat comes to APA! previously diagnosed and already on insulin, we will transition the cat to our management plan.
- 3) Before/On intake a foster plea will be initiated. FOSTER WILL NEED TO BE ABLE TO FOLLOW DIETARY MANAGEMENT GUIDELINES AS THEY WILL BE MAINSTAY OF OUR TREATMENT FOR THE CAT.
- 4) Management:
 - a. The DIABETIC CAT CAGE SHEET will be given to cat staff/foster. This needs to be filled out and followed while cat is with us as this is what we will use to guide our treatment. It will monitor weights and clinical signs.
 - b. Cat MUST be fed ONLY from the diabetic cat food list. Cat will be fed 2x daily by cat staff using feeding guidelines for whichever of the diabetic foods cat will eat and is available.
 - c. Every 4 weeks the cat will be re-evaluated by the clinic with the following:
 1. An exam
 2. Reviewing the cage sheet
 3. Urine collected via no-sorb for UA (or alternatively the glucose squares that can be added to litter)
 4. Spot BG
 - ii. If these exams find the cat's clinical picture unacceptable, the clinic MAY request a glucose curve following this exam. Can be done onsite or in foster if foster is willing/able.
 - d. If after 4 weeks of monitoring, there is concern that cat is still not comfortable or is severely unregulated based on the monitoring sheets:
 - i. Foster plea re- sent.
 - ii. If after 6 weeks (1.5 cage cards and foster plea) the cat is still not doing well clinically and cat is still onsite – clinic team will begin insulin. We will start at the lowest dose of insulin available (donated insulin - Novalin, Glargine, Detemir or Prozinc).
 - iii. Insulin administration needs to correspond with feeding – need to coordinate with cat staff.
- 5) Happy Ketotics and Diabetic Ketoacidosis
 - a. If a cat presents with previously noted signs, ketones in urine, but is still BAR and eating:

- i. Follow above protocol but additionally add in:
 1. 14 day course of amoxicillin
 2. 7 day course of buprenorphine
 3. SQ LRS bid x 2 days.
- ii. At day 2 – check for ketones in urine, spot BG, and reassess
- b. If a cat presents with previously noted signs, ketones in urine, and is exhibiting signs such as vomiting, not eating, severe lethargy/dehydration:
 1. Hospitalized for IV fluid therapy for 2 days
 2. 14 days course of amoxicillin
 3. 7 day course of buprenorphine
 4. Start insulin – low dose of suitable donated insulin available for long term use
- ii. Reassess with spot BG/ketones on day 2
 1. If not responding towards end of 2 days – consider complicating factors (pancreatitis, cholangiohepatitis...) and additional treatment with short acting insulin to regulate BG more efficiently.
 2. If cat responding, follow normal diabetic protocol (with addition of insulin) for one month, than reassess.
- iii. The goal is to have these patients out of the clinic within 48 hours.

Food Chart

Taken from Binky's Page, <http://binkyspage.tripod.com/>

There are lots more on the web page – can search there for additional information or food types/brands.

- 1) Friskies
 - a. Classic Seafood Entrée
 - b. Country Style Dinner
 - c. Flaked with Tuna and Egg in Sauce
 - d. Flaked with Tuna in Sauce
 - e. Kitten Mixed Grill Formula
 - f. Kitten Ocean Whitefish Formula
 - g. Liver and Chicken Dinner
 - h. Mariner's Catch
 - i. Ocean Whitefish and Tuna Dinner
 - j. Poultry Platter
 - k. Salmon Dinner
 - l. Special Diet Beef and Chicken Entrée
 - m. Special Diet Beef and Liver Entrée
 - n. Special Diet with Salmon
 - o. Supreme Supper
 - p. Turkey and Giblets Dinner
- 2) Royal Canin Glycobalance
- 3) Merrick
 - a. Southern Delite
 - b. Surf n Turf
- 4) Nine Lives
 - a. Chicken and Seafood Dinner
 - b. Chicken and Turkey Dinner
 - c. Chicken Dinner
 - d. Liver and Bacon Dinner
 - e. Seafood Platter
 - f. Super Supper
 - g. Ground Turkey
 - h. Ocean Whitefish Dinner
- 5) Sophisticat
 - a. Beef and Liver
 - b. Country Style
 - c. Liver and chicken
 - d. Salmon Dinner
 - e. Seafood Entrée
- 6) Special Kitty (Walmart Brand)
 - a. Mixed Grill
 - b. Ocean Whitefish
 - c. Prime Entrée
 - d. Salmon Dinner
 - e. Turkey and Giblets
 - f. Super Supper
 - g. Tuna and Shrimp
- 7) Wellness
 - a. Chicken
 - b. Chicken and Herring
 - c. Turkey
 - d. Turkey and Salmon
- 8) Whiskas
 - a. Chicken and Tuna
 - b. Chicken

Diabetic Cat Monitoring Sheet

This cat likes the following *diabetic approved* foods: _____

		Sunday	Monday	Tuesday	Wednes day	Thursda y	Friday	Saturday	End of Week Wt
Dates: _____	Urine Volume:	+ ++ +++	+ ++ +++	+ ++ +++	+ ++ +++	+ ++ +++	+ ++ +++	+ ++ +++	
	<i>Food Eaten:</i>	<i>All Some None</i>	<i>All Some None</i>	<i>All Some None</i>	<i>All Some None</i>	<i>All Some None</i>	<i>All Some None</i>	<i>All Some None</i>	
Dates: _____	Urine Volume:	+ ++ +++	+ ++ +++	+ ++ +++	+ ++ +++	+ ++ +++	+ ++ +++	+ ++ +++	
	<i>Food Eaten:</i>	<i>All Some None</i>	<i>All Some None</i>	<i>All Some None</i>	<i>All Some None</i>	<i>All Some None</i>	<i>All Some None</i>	<i>All Some None</i>	
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	<i>Food Eaten:</i>	<i>All Some None</i>	<i>All Some None</i>	<i>All Some None</i>	<i>All Some None</i>	<i>All Some None</i>	<i>All Some None</i>	<i>All Some None</i>	