



Veterinary Health Center

MANHATTAN, KANSAS

OFFICIAL PROTOCOL

HYPERTHYROID TREATMENT AND RETREATMENT (FELINE)

Purpose: To define the protocol for treating hyperthyroidism in feline patients at the ICU.

Hyperthyroidism is usually a benign cancerous condition found in cats. It can be treated with radioactive iodine (radiation treatment, or I131 treatment). Blood work is sent to the lab to determine the diagnosis. The Internal Medicine clinicians and residents are responsible for diagnosis and treatment of this condition.

The VHC offers this treatment, and a 60% deposit is required before treatment.

The patient must schedule for a new patient appointment with Small Animal Internal Medicine on Mondays, preferably in the morning slots that are designated for hyperthyroid cats. Prior to this appointment, cats who are taking hyperthyroid medications, such as Methimazole, must discontinue use 7-10 days before the appointment date. If owners show up to the appointment with bloodwork that was ran from the rDVM, the bloodwork must be from within 7 days in order for it to be sufficient for treatment.

I. INITIAL TREATMENT

- a. Small Animal Receiving Desk or Small Animal Discharge Desk personnel will:
 - i. Register the patient in Vetstar under **HYC** visit type
 - ii. Page the Internal Medicine student.
 - iii. Once determined the patient will be treated with I-131. Admit the patient as an inpatient so the patient is charged the regular daily care fees.
 - iv. Drop Offs: You must page the assigned student to the case. The cat should not sit in a roll cage unattended. Drop offs are not common.

- b. The procedure includes: OBJ

| Procedure Code | Description | Qty |
|----------------|----------------------|-----|
| E1121 | Exam SA Medicine | 1 |
| J1026 | CBC Mammalian | 1 |
| J1002 | Profile Chem SA | 1 |
| J1220 | Total T4 | 1 |
| J1190 | Urinalysis + Protein | 1 |

| | | |
|-------|---------------------------|------|
| J1112 | +/- Creatinine, Urine | 1 |
| R1922 | Thoracic Rads | 1 |
| Z1000 | Cystocentesis, SA | 1 |
| C1050 | Blood Pressure Doppler SA | 1 |
| P1474 | Butorphanol Inj 10mg/ml | 1 |
| P3300 | Dexmedetomidine 0.5mg/ml | 1 |
| H1005 | Daily Care Feline | 7-10 |
| W3608 | I131 Isotope 2 mCi | 1 |
| W2377 | I131 Isotope 4 mCi | 1 |

- c. If the dose of I131 is greater than 4mCi, the client will pay additional fees for I131. Additional fees will also be charged for other procedures/treatments not included in this package.

II. RETREATMENT

Cats that are persistently hyperthyroid 6-12 months after their first I131 treatment will be eligible for retreatment with I131. Most cats will be retreated with 4mCi of I131, unless diagnostic evaluation reveals signs of malignancy.

III. OUTPATIENT POST T4 TESTS

Clients must pay for any additional tests/treatments, including post I131 Total T4 follow-up bloodwork. Clients may have their primary care veterinarian draw and send blood to the KSU Clinical Sciences Lab for testing for a fee. These charges will be entered in VetStar by a Clinical Sciences laboratory technician.