

**VETERINARY HEALTH CENTER at KANSAS STATE UNIVERSITY
OFFICIAL PROTOCOL**

HYPERTHYROID TREATMENT AND RETREATMENT (FELINE)

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 a discounted treatment package. Package pricing is only valid for 30 days from time charged on a patient account. A 60% deposit is required.

The patient must be admitted within seven days for the initial blood work fee to be included in the package. After 7 days the blood work will need to be repeated at the client's expense. If a client decides to treat the patient within 7 days, please notify the Director of Client Services to make the needed adjustments in the patient entitlement screen.

I. INITIAL TREATMENT

- A. Small Animal Receiving Desk or Small Animal Discharge/Emergency Desk personnel will:
1. Register the patient.
 2. Page a clinician for drop offs (most of the time this will be the intern on duty). The cat should not sit in a roll cage.
 3. Enter VetStar code Z1748 (Hyperthyroid Cat Treatment Package)
 4. Admit the patient as an inpatient which will discount the regular daily care fees.
 5. Drop Offs: You must page a doctor (most of the time it will be the intern on duty) and the emergency student or the student assigned to the case. The cat should not sit in a roll cage unattended.
- B. The package includes:

<u>Procedure Code</u>	<u>Description</u>	<u>Qty</u>
C1050	Blood Pressure Doppler	1
J1026	CBC Mammalian	1
C1018	Cath Venous	1
Z1000	Cystocentesis, SA	1
H1005	Daily Care Feline	14
P1533	Diazepam Inj 5mg/ml	1
E1121	Exam SA Medicine <u>OR</u>	1

E1135	Exam SA Medicine Recheck L1	1
W2377	I ¹³¹ Isotope 4mCi	1
P1627	Ketamine Inj 100mg/ml	1
1055	Nuc Thyroid Scan	1
J1002	Profile Chem SA	1
J1150	Profile Renal Chemistry	1
G1019	T4 Follow Up I ¹³¹	4
R1093	Thorax SA	1
G1020	Total T4	1
J1052	Urinalysis	1
J1011	Urine Protein	1
J1112	Urine Creatinine	1

- C. Additional fees will be charged for 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. In order to ensure that costs are kept to a minimum, repeat treatments may only be done on a week that another cat is being treated. Most cats will be retreated with 4mCi of I¹³¹, unless diagnostic evaluation reveals signs of malignancy (uneven areas of uptake of Tc99, evidence of metastatic disease, etc.)

The VHC also offers a discounted retreatment package. Package pricing is only valid for 30 days from the time it is charged on a patient account. A 60% deposit is required.

- A. Small Animal Receiving Desk or Small Animal Discharge/Emergency Desk personnel will:

1. Register the patient.
2. Enter VetStar code Z1755 (Hyperthyroid Cat Retreatment Package)
3. Admit the patient as an inpatient which will discount the regular daily care fees.
4. Drop Offs: You must page a doctor (most of the time it will be the intern on duty) and the emergency student or the student assigned to the case. The cat should not sit in a roll cage unattended.

- B. The package includes:

<u>Procedure Code</u>	<u>Description</u>	<u>Qty</u>
J1026	CBC Mammalian	1
C1018	Cath Venous	1
Z1000	Cystocentesis, SA	1

H1005	Daily Care Feline	14
P1533	Diazepam Inj 5mg/ml	1
E1121	Exam SA Medicine <u>OR</u>	1
E1135	Exam SA Medicine Recheck L1	1
W2377	I ¹³¹ Isotope 4mCi	1
P1627	Ketamine Inj 100mg/ml	1
1055	Nuc Thyroid Scan	1
J1002	Profile Chem SA	1
J1150	Profile Renal Chemistry	1
G1019	T4 Follow Up I ¹³¹	4
G1020	Total T4	1
J1052	Urinalysis	1
J1011	Urine Protein	1
J1112	Urine Creatinine	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.

III. OUTPATIENT POST T4 TESTS

Small Animal Discharge/Emergency Desk personnel will enter a record fee (E1023) and T4 Follow Up I¹³¹ (G1019) in VetStar for clients that return to the VHC. (There is no charge for post T4 Follow Up I¹³¹ tests at 1, 3-6, and 12 months.) Clients must pay for any additional tests/treatment. Clients may have their primary care veterinarian draw and send blood to the KSU Clinical Sciences Lab for testing at no charge. These charges will be entered in VetStar by a Clinical Sciences laboratory technician.

CATEGORY Desks, House Officers, Small Animal Medicine and Students

APPROVED 4/26/2012, VHC Administrator