

# Radioiodine Therapy for Feline Hyperthyroidism

See why clients love veterinarians that choose radioiodine therapy

	Radioiodine (I-131)	Hill's Rx Y/D Diet (severely iodine deficient)	Methimazole
Outcome	Cures hyperthyroid state	Hyperthyroidism is never cured	Hyperthyroidism is never cured
Side Effects	None	Unknown	Common
Costs	One time	Ongoing for the life of the cat	Ongoing for the life of the cat
Concurrent Disease	Diet flexible to accommodate other needs	Strict adherence to Y/D diet required	Diet flexible to accommodate other needs
Treatment	Single SQ injection	Life-long diet	Life-long treatment
Hypothyroidism	Rare with customized I-131 dosing	Unknown	Common
Follow Up Care	Routine	Continuous	Continuous
Multi-cat Households	No impact	Requires independent feeding of hyperthyroid patient	No impact
Adenoma	Destroys adenoma	Adenoma continues to grow leading to possible loss of control	Adenoma continues to grow requiring regular dose adjustments
Malignant Transformation	Prevents malignant transformation	Malignant transformation not prevented	Malignant transformation not prevented
Carcinoma	Only effective treatment for cats with thyroid carcinoma	Allows thyroid carcinoma to progress	Allows thyroid carcinoma to progress
Hypertension	Renal hypertension and proteinuria resolve	Renal hypertension and proteinuria may persist	Renal hypertension and proteinuria may persist
Renal Disease	Stops progression	Poor control may allow progression	Poor control may allow progression
Diet	Variable Diet	Strict diet adherence required	Variable Diet
Obligate Carnivore	Meat based diets allowed	High carbohydrate diet inappropriate for obligate carnivore.	Meat based diets allowed
Survival	Best long term survival	Survival unproven	Shortest survival

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DIAGNOSIS	Thyroid imaging (scintigraphy) performed to confirm the diagnosis on each cat prior to performing radioiodine therapy.
DOSIMETRY	Patient I-131 dosing customized to individual cat's thyroid adenoma(s) size, resulting in >98% cure rate, including less cats persistently hypothyroid following therapy.
SUPERVISION	Cats are examined, treated, and personally evaluated each day of their stay by Dr. Michael Broome.
CRITICAL CARE	Continuous 24 x 7, eyes on supervision is available from board certified veterinary criticalists (via Advanced Critical Care using personal iCat web cams).
CARDIOLOGY	On-site board certified veterinary cardiologists are available (via Advanced Veterinary Care Center) for consultation in cases with cardiac disease.
EXPERIENCE	Dr. Michael Broome completed post graduate training in comparative thyroid pathology at UCDavis, is board certified by the ABVP in canine and feline practice, has authored numerous articles on hyperthyroidism, and has >25 years experience treating hyperthyroid cats with radioiodine.
THYROID CARCINOMA	Thyroid carcinoma is correctly diagnosed using thyroid scintigraphy, which allows for appropriate therapy with higher radioiodine doses.
COMMUNICATION	Clients are called daily by the technicians that actually care for their cat and Dr. Broome is available to speak to clients and assist referring veterinarians managing difficult hyperthyroid cases.
ACCOMMODATIONS	Our Synder Cat Cottages™ with Cat Nap-pur™ and Cottage Fresh VentSystems™ ensure each cat gets the pampered experience it deserves.
ENVIRONMENT	Our hyperthyroid cat patients are housed in a large, quiet ward with multiple large picture windows and their own flat screen TV that plays relaxing nature videos to ensure continuous environmental enrichment.
WEB CAM	Personal web cams allow each client and their referring veterinarian to keep an eye on our hyperthyroid cat patients for the duration of their hospitalization.