

Sugar Land Veterinary Imaging

Radiation Therapy for Feline Hyperthyroidism

RDVM Pre-Treatment Information

281-491-7800

281-491-7803 FAX

Royce E. Roberts, DVM, MS, Diplomate, ACVR

When referring a cat to Sugar Land Veterinary Specialists, please consider the guidelines listed below. This is a very safe and effective form of treatment. Most cats should have a very good prognosis following treatment under the circumstances outlined below.

To make the treatment successful and avoid complications we ask that you do the following:

- Make a confirmed diagnosis of hyperthyroidism. The cat should have some or all, but is not limited to, the following: weight loss, increased appetite, enlarged thyroid lobe(s), hyperactive, vomiting, lethargy, elevated total T4. If the diagnosis is questionable, we recommend determining free T4 values and possibly a T3 suppression test to conform the diagnosis. If you are not familiar with the performance of the T3 suppression test or its interpretation, we will be glad to supply that information.
- Treat the cat with methimazole (Tapazole) until the T4 is normal. When blood is collected for the post-methimazole-treatment total T4 also request a creatinine value. It is important that renal disease be identified before radioiodine treatment is performed.
- Maintain the cat on methimazole until 3-5 days prior to radioiodine treatment. The cat must be off methimazole for 2-3 days prior to treatment.
- Be sure your clients realize that their cat must remain in our radiation ward until its measurable radioactivity falls to within State regulation level. This usually takes 3-5 days. The owner is not permitted to visit the cat during this time.
- Regulate other diseases so treatment for these conditions can be suspended during this period of isolation. State regulations prohibit our staff from administering treatment for other diseases during this time.
- Review the attached document for answers to frequently asked questions.

If you have other questions or concerns, do not hesitate to call. Dr. Roberts or me.

Sincerely,

Silvano Maya
Radiation Technician