



## **CLINICAL STUDY: INFORMATION FOR VETERINARIANS**

### **Monitoring the Effects of Radioiodine Treatment with a Complete Thyroid Panel (T4, T3, Free T4, TSH)**

At the Animal Endocrine Clinic, we are enrolling cats into a study investigating the use of a complete thyroid panel of tests (serum T4, T3, free T4, and TSH) to monitor cats after radioiodine treatment.

The goal of this study is to determine if measuring a complete panel of thyroid hormones, in addition to just total T4, will help us in better diagnosing mild degrees of persistent hyperthyroidism and iatrogenic hypothyroidism after I-131 treatment.

To be eligible to enroll in this study, the cat must have been treated (hopefully by us) with radioiodine. The protocol is simple:

- All cats should be rechecked and be examined at 1 month and 3 months after treatment.
- At time of each recheck, the cat should have blood collected (2.5-3 ml) for a **serum chemistry panel**, as well as a **complete thyroid panel**.
- The complete thyroid panel to request includes the following 4 tests:
  - Total T4, T3, free T4, and cTSH.
- Once I evaluate the test results, I will provide an endocrine interpretation for the thyroid panel and help instruct you how to proceed with the cat's management.

If you use either Antech or IDEXX labs, we will pay for this lab testing so you or your client will have the **test results at no charge**. If you do not have the Animal Endocrine Clinic account number for the lab that you normally use, please call or email our office so that we can email or fax the completed lab form to you so that you can submit the samples to the laboratory.

Please do not hesitate to call (212-362-2650; 914-864-1631) or email us (info@animalendocrine.com) if you have any questions regarding this study.

Thank you for helping us all learn more about this important feline endocrine disorder.

Best regards,

Mark E. Peterson, DVM, Dip. ACVIM