

UW Veterinary Care
UNIVERSITY OF WISCONSIN-MADISON

LOOKING FOR Dogs with Nasal Tumors

Evaluation of Stereotactic Radiotherapy for Canine Nasal Tumors

The Study

Abbreviated radiation treatment for intranasal tumors in dogs using highly targeted (stereotactic) radiation. The aim of the study is to determine if a short course of treatment is as effective as a typical longer protocol. The study also evaluates if this treatment lessens radiation induced changes in eyes—a common problem.

Who Qualifies

Any dog with an intranasal tumor that has not spread to another part of the body, does not have cataracts and has not received additional therapy including surgery and chemotherapy.

What Happens

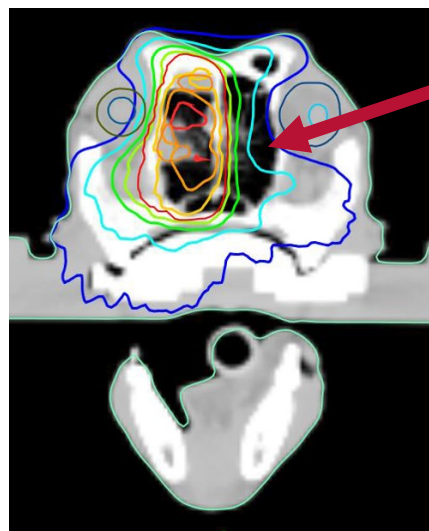
Dogs are evaluated for inclusion in the study by undergoing a physical exam, laboratory tests, eye exam and a CT Scan under anesthesia. If accepted into the study, patients receive three anesthetized TomoTherapy (radiation) treatments in one week. Patients return for recheck exams at 2 & 4 weeks and 3 & 6 months after treatment. This includes an anesthetized CT Scan (3 months after treatment) to check the status of the tumor. Clients pay for the initial work-up and treatment but scheduled rechecks including eye exams and anesthetized CT scan (3 month post radiation therapy) are provided at no charge.

Why Participate

This radiation protocol includes fewer visits to the hospitals for radiation treatment (3 instead of 10) and fewer episodes of anesthesia as compared to the conventional protocol. The new treatment may lessen the risk of short term side effects to the eyes and may be more effective, than traditional treatment, in preventing the tumor from coming back.

More Information

Please contact the UW Veterinary Care Radiation Oncology Service at 608-263-7600 or email radonc@vetmed.wisc.edu and leave a message. Thank you!



This CT Scan, of a dog with a nasal tumor, was used for planning stereotactic radiotherapy.