

Tumor Types Enrolling

- Soft tissue sarcomas

Inclusion Criteria

- Must have a confirmed active sarcoma tumor diagnosis

Exclusion Criteria

- Severe chronic diseases (e.g. some cardiovascular diseases, history of anesthetic complications) that increase the risk for anesthetic or treatment complications

Procedures

- Questionnaire before consultation, weekly questionnaires during treatment, and monthly questionnaires (for at least 3 months) at each post-treatment visit
- Physical exams at consultation, treatment, and post-treatment visits
- Sample collection (e.g. blood, urine, feces, etc.) and possible imaging (MRI, CT, X-ray, ultrasound, etc.) at consultation, treatment, and post-treatment visits
- At 3 months post-treatment, patients will be evaluated to determine if surgical resection of the tumor is needed (not planned), if additional treatments should be administered, and for extended monitoring.

**Clinicians may decide that your pet is in need of additional samples/diagnostics at any time throughout the study based on their current health condition. Post-treatment follow-up visits for 3 months are mandatory for on-study pets.*

Study #2

Veterinary Clinical Trials in Canine and Feline Patients Using Combination Novel Therapeutics, Devices, and Data Collection Techniques

Study objective: *To assess the safety and tumor response of combined radiation therapy (RT) and high-intensity focused ultrasound (HIFU) histotripsy in dogs with naturally occurring soft tissue sarcoma. This combination may, due to synergistic effects, improve local response rates while preserving normal tissue integrity and promoting systemic antitumor immunity.*

Treatments

- HIFU (histotripsy) given to the primary tumor 24-72 hours after radiation therapy in the same week (weekly) for 3 weeks. This treatment is given via an image-guided ultrasound.
- Radiation therapy given weekly on Mondays for 3 fractions (3 weeks). CT must be completed before treatment begins.

Treatment Timeline

