Phase-1 Clinical Trial of Oxaliplatin in Canine Cancer Patients

Purpose

To determine a safe and effective dose of the chemotherapy drug oxaliplatin in the treatment of cancers in dogs

Background

This study is designed to determine whether the human chemotherapy drug oxaliplatin can be administered to dogs with cancer. This drug shows promise of being less toxic and more effective than current canine cancer therapies, but additional studies are needed to establish a dose for veterinary use. We therefore seek to undertake a Phase-1 study to determine the safety of oxaliplatin in treating dogs with cancer

Eligibility

- Dogs must weigh > 10 kg
- Diagnosis of solid tumor
- Dogs must not have received conventional chemotherapy or kinase therapy for the past 3 weeks or radiation therapy for the past 4 weeks before beginning treatment

Exclusion Criteria

- Other life-limiting disease or an expected survival of < 6 weeks without treatment

Study Design

A complete physical exam, including relevant diagnostic imaging, will be undertaken to determine eligibility. Once enrolled, dogs will be given a dose of oxaliplatin intravenously over the course of several hours. Dogs will be monitored each week for 3 weeks following treatment. Owners will be asked to keep a brief, daily record of any side effects or changes in the dog's behavior during this 3-week period. Recheck appointments will be scheduled at 7, 14, and 21 days following treatment.

Compensation

The study will cover the cost of study-related visits, initial lab work, and chemotherapy treatment. The estimated value of these services is $1200. In addition, owners will receive a $50 hospital credit for each recheck visit completed on time. Owners are responsible for the cost of initial diagnostic procedures, including physical exam and diagnostic imaging, to determine eligibility.

Contact

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If your query is urgent, please call the Small Animal Hospital on (540) 231-4621 and ask for the oncologist on duty.