



**Funded Study:** Treatment of canine soft tissue sarcoma with metronomic chlorambucil

**Study Title:** Investigating the effect of metronomic chlorambucil on regulatory T cells and tumor vasculature in dogs with soft tissue sarcoma.

**Purpose of Study/Background/Objectives:** Scientifically discern the effect of metronomic chlorambucil on immune modulation and tumor blood vessels in dogs with soft tissue sarcomas.

**Inclusion Criteria:**

- Dogs with measurable disease that is amenable to serial incisional biopsies.
- Must have good organ function that allows for sedation.
- Must be naïve to medical or radiation cancer treatment (prior surgical treatment is permitted).

**Exclusion Criteria:**

- Other significant comorbidities, unable to safely undergo multiple sedation events
- Previous chemotherapy, radiation therapy or immunotherapy.

**Eligibility Diagnostics:**

- CBC, Chemistry Panel, UA
- Cytology or histopathology consistent with sarcoma

**Treatment/Protocol:** Dogs will receive metronomic dosing of chlorambucil (once daily oral treatment) for 42 days. Blood samples will be collected prior to treatment initiation, in the middle (day 21), and at the end of the treatment period (day 42). Two tumor biopsies will be collected for research purposes (prior to treatment and at the end of the treatment period (days 0 and 42). Each week you will be asked to fill out a quality-of-life questionnaire for your dog.

**Compensation:**

This clinical trial is funded and incentivized after eligibility has been met. Owners are required to pay for all tests to deem their pet eligible for the clinical trial. Once enrolled, the trial is funded and at the end of the trial, you will receive \$1000 as hospital credit that can be applied to subsequent visits and treatment (such as surgery or radiation therapy).

**Contact Information:** Please feel free to contact our Clinical Trials Coordinator, Rebecca Kamerer, at (217) 300-6453 or [rmoss81@illinois.edu](mailto:rmoss81@illinois.edu) to refer a patient or for any additional information. Referring veterinarian and client calls are welcome.