

Recruiting Bernese Mountain Dogs with Histiocytic Sarcoma



A multi center study of Trametinib

The purpose of this research is to investigate a new anti-cancer drug, Trametinib, that specifically 'targets' growth signals found in cancer cells from companion (pet) dogs. Trametinib is FDA approved for use in people, and our previous studies have identified the safe dose for dogs. This study will determine the effectiveness of Trametinib in dogs with Histiocytic Sarcoma. We will measure and document how much the cancer shrinks upon treatment, and how the drug helps improve the patients' outcome and life expectancy.

MICHIGAN STATE UNIVERSITY

<https://cvm.msu.edu/hospital/veterinarians/clinical-trials/phase-ii-open-label-non-randomized-multicenter-clinical-trial-of-trametinib-for-dogs-with-histiocytic-sarcoma>

UNIVERSITY OF FLORIDA

<https://research.vetmed.ufl.edu/phase-ii-open-label-non-randomized-multicenter-clinical-trial-of-trametinib-for-dogs-with-histiocytic-sarcoma/>

UNIVERSITY OF WISCONSIN

[Phase II - Multicenter Clinical Trial of Trametinib for Dogs with Histiocytic Sarcoma - VCT Registry \(veterinaryclinicaltrials.org\)](https://veterinaryclinicaltrials.org/Phase-II-Multicenter-Clinical-Trial-of-Trametinib-for-Dogs-with-Histiocytic-Sarcoma-VCT-Registry)

INCLUSION CRITERIA

Dogs with a confirmed diagnosis of HS

- Evaluated and referred from the oncology service at owners expense
- Dogs have a measurable tumor
- Dogs with a life expectancy of at least 4 weeks
- Informed client consent

EXCLUSION CRITERIA

- Any concurrent anti cancer therapy
- Prior chemotherapy within the past 2 weeks
- Prior radiation therapy within the past 4 weeks

CLIENT BENEFITS

This study will cover the costs of:

- the Trametinib medication
- recheck physical examination fees
- routine laboratory tests/diagnostic imaging (thoracic radiographs and abdominal ultrasound) **at scheduled recheck study visits.**

STUDY DESIGN

- Once enrolled, dog will return in 2 weeks
- After the first 2 week visit then every 4 weeks for monitoring and sample collection visits until week 14
- After week 14, dogs will return every 8 weeks
- Trametinib is administered orally at home

This study is sponsored by The Morris Animal Foundation, funded by the Bernese Mountain Dog Club of America and supported by The Berner-Garde Foundation.