

## RADIATION TRIAL

# Effect of Radiation Therapy on Bone

### Investigators:

**Margaret Musser**, DVM, DACVIM (Oncology);

**Nicholas Rancilio**, DVM, MS, Diplomate ACVR (Radiation Oncology);

**Benjamin Miller**, MD, MS (Department of Orthopedics and Rehabilitation, University of Iowa)

### What is the purpose of this research study?

Our goal is to explore the effects of external beam radiation in a canine model. Dogs are a large animal model for humans, in which the anatomical design, mechanics of movement, and demands of load closely reflect humans. Any discoveries will be relevant and translatable to both humans and dogs.

### What are the Costs Associated with Participation?

**Palliative radiation therapy will be FREE OF CHARGE** (an approximately \$2800 value).

**YOU** are responsible for **ALL** costs associated with the diagnosis and planning of radiation therapy treatment (not limited to blood work, biopsy or fine needle aspirate of lesion, planning x-rays or CT scans), and complications associated with treatment.

### What do I need to do after radiation therapy?

When your patient passes away naturally or is euthanized, you must immediately return the body to Iowa State University.

### Questions

Call 515-294-4900 or email [oncotech@iastate.edu](mailto:oncotech@iastate.edu)

