

Clinical Trial for Dogs with Bone Cancer *Osteosarcoma*

NC State is recruiting dogs with bone cancer (osteosarcoma) for a clinical trial that compares 2 radiotherapy approaches. Each enrolled dog will get a single dose of radiotherapy, followed within 3 weeks by standard surgery (limb amputation).

Large or giant breed dogs may be eligible if they have:

- X-rays showing a bone tumor just above the wrist (*i.e., osteosarcoma of the distal radius, without a pathologic fracture*)
- No evidence of metastasis (e.g., on chest X-rays)
- Not received any other osteosarcoma-directed therapy (*e.g., chemotherapy*)
- Not taken oral prednisone within 5 days of starting treatment
- No other serious systemic illnesses



Benefits:

- Your dog will receive free treatment including bloodwork, biopsy, CT scan, radiation therapy, and surgery limb amputation.
- Owners are encouraged to pursue post-operative chemotherapy; we will facilitate a referral for this.

For more information, please email:

cvmclinicalstudies@ncsu.edu