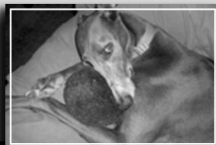




FOREVER HOME GREYHOUND ADOPTIONS



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DOACA-092: POST-AMPUTATION ADJUVANT SURAMIN AND DOXORUBICIN IN DOGS WITH OSTEOSARCOMA

Principal investigator: Guillermo Couto, DVM, The Ohio State University

Osteosarcoma, or bone cancer, is a common bone tumor in dogs. Greyhounds have particularly high incidence, with osteosarcoma being the leading cause of death in the breed. Conventional treatment involves amputating the affected limb followed by chemotherapy. This type of treatment has resulted in survival rates of more than a year; however, no improvements in survival rate have been seen in the past two decades. Investigators believe that combining conventional chemotherapy drugs with suramin, an antiparasitic agent that makes cancers cells more susceptible to chemotherapy, will prolong survival in dogs with bone cancer. If effective, this approach will offer a novel therapy for treating all dogs with osteosarcoma.

Results

Researchers showed that dogs treated after limb amputation with a combination of the drug suramin and the chemotherapy drug doxorubicin had survival times at least comparable to those treated with doxorubicin alone. Greyhounds in particular had longer survival times than expected with conventional chemotherapy. In addition, the combined therapy caused no major adverse effects. This therapy may provide veterinarians with another tool in fighting bone cancer and lengthening survival times.

This information is designed to provide valuable information about caring for your Greyhound. Questions and concerns may be directed to either Paula 518-261-7025 or Martha 518-883-5554. Remember be kind and be patient and you will discover a joy beyond belief as you watch your new Greyhound blossom and flourish under your loving guidance.