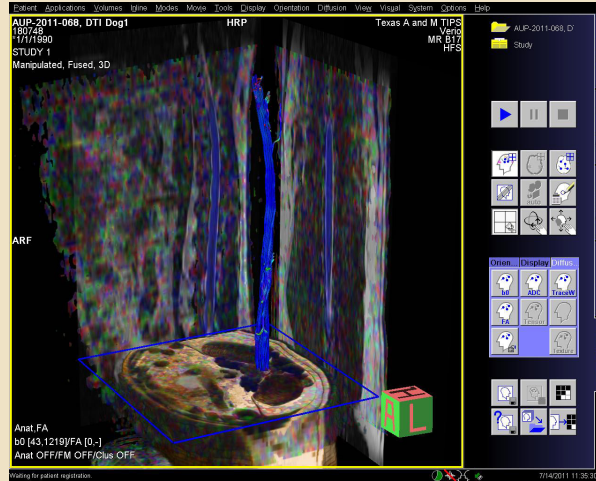
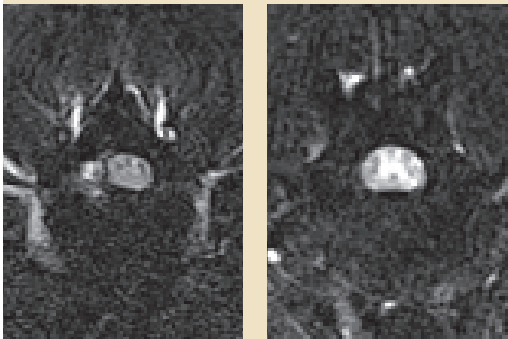
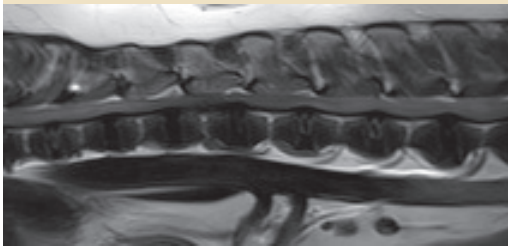
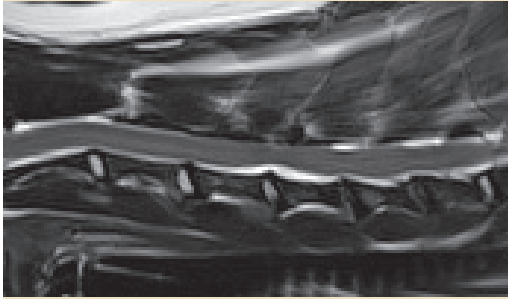
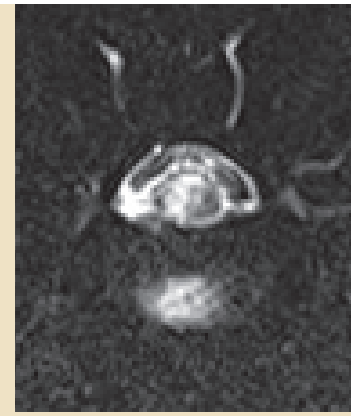




**VETERINARY MEDICINE
& BIOMEDICAL SCIENCES**
TEXAS A & M UNIVERSITY

Small Animal Clinical Sciences

NEUROLOGY CLINICAL TRIAL: **CANINE SPINAL CORD INJURY**



Background:

The Veterinary Neurology service at Texas A&M University has partnered with researchers at the University of California-San Francisco Medical School to innovate new therapies for spinal cord injury. The promise of this collaboration was recently recognized by the Department of Defense, which has provided funding to support basic research and a canine injury clinical trial.

The trial investigates the effect of an enzyme (matrix metalloproteinase) blocker on motor and urinary recovery in dogs with acute injury. The blocker has been previously shown to be safe in dogs and is administered under the skin.

This study offers clients a unique opportunity to potentially help injured troops and dogs with injuries.

Who is eligible to participate?

Starting June 1st 2012, the first phase of this study will begin. This part of the study does not involve delivery of the enzyme blocker, but rather evaluates urinary voiding in injured dogs.

The following inclusion criteria must be met to participate:

1. Dogs must be non-ambulatory (unable to walk in their rear limbs), have intact pelvic limb pain perception, and have spinal cord injury due to disk herniation between the T3-L3 vertebrae.
2. Dogs must be male or male castrated
3. Weight must range from 5-15 kilograms
4. The injury must have been present for <2 days prior to admission to Texas A&M.

What procedures will be performed?

The client consent form provides procedural details. Briefly, dogs will have sedation prior to surgery, and 3, 7 and 42 days following surgery so that urinary voiding can be studied using procedures that are commonly used in humans with spinal cord injury.

What does the study pay for?

Clients permitting enrollment of their dogs will have their bill capped at \$3000, assuming a 7 day stay and no major complications. This bill will be for standard services (examination, imaging, blood work, surgery, ICU, and physical rehabilitation), which normally costs clients \$3500 for surgical disk herniation. The study also pays for a 42 day post-surgery re-check examination.

For more information, please contact:

Jonathan M. Levine,
DVM, DACVIM-Neurology
Small Animal Clinical Sciences
College of Veterinary Medicine
& Biomedical Sciences
Texas A&M University
4474 TAMU
College Station, TX 77843-4474
Tel. 979.845.2351
jlevine@cvm.tamu.edu