

University of Idaho

Caine Veterinary Teaching Center  
1020 East Homedale Road · Caldwell, Idaho 83607  
Phone: (208) 454-8657 Fax (208) 454-8659

### LABORATORY FINAL REPORT

Case No.: 09-0803  
Date Received: 06/16/09  
Lab #: \_\_\_\_\_

Owner: Laurie Mc George  
Mailing Address: 5631 S. Basalt Avenue Boise, ID. 83716  
Phone: 331-2071 Fax: \_\_\_\_\_ Cell: 850-3669

Bill to:  Owner ID #: CVTLAUMCG  Vet ID #: \_\_\_\_\_  Research Project: \_\_\_\_\_

Referring veterinarian: Gary Wilson, DVM - All Valley Pet Clinic  
Mailing Address: Boise, ID.  
Phone: 331-0667 Fax: \_\_\_\_\_ Cell: \_\_\_\_\_

Species: Canine Breed: German Shep. ID #: Bear Sex: \_\_\_\_\_ Age: \_\_\_\_\_

**HISTORY:** "Bear" was found dead at about 12.30pm today in the back yard. He was born February, 2008. He was last vaccinated in February, 2009 when he was neutered. He had not been recently wormed. There had been no known problems with him. He was last seen at 8am this morning acting completely normal—"bouncy and normal." He was left, as was usual, in the yard when the family left for the day. Yesterday he did try to vomit ("may have been more a retch") but did not produce much and was otherwise normal. They had been to Stanley last weekend and he was his normal active self and he did drink some creek water and chew wood. There is 1 cat in his household.

**CASE SUMMARY AND REPORT:** Bear is a large, approximately 90#, and white neutered male German shepherd dog with no visible external abnormalities and in good body condition. There were no abnormalities or SQ hemorrhages upon reflecting the thoracic and abdominal skin, SQ fat was white.

The thoracic and abdominal cavities exhibited normal fluid content. The thymus and the lungs were markedly consolidated with blood. No gross evidence of pneumonia was observed. The heart appeared normal in size and there was no increase in pericardial fluid. The left ventricle was very firm and non-compressible, the right ventricle appeared normal. Upon dissecting the heart chambers, the left ventricular free-wall was approximately 2.5-3cm thick while the ventricular septal wall was approximately 1.5cm thick. The left ventricle was devoid of blood or blood clots suggesting the dog died in systole. The left ventricular cavity was the size of a walnut (2-3cm). The left ventricular valves were normal in apposition and appearance. The right ventricular free-wall was <1cm thick. The right ventricular valves were normal appearing and in apposition. No abnormality of the aortic valve or aorta was seen.

The liver was markedly congested. The stomach was full of chewed and un-chewed dog food and several dime-sized smooth bone chips were found in the intestine. Body fat, including pericardial fat, was adequate. No other abnormalities were seen. Liver and stomach content were frozen. Tissues from the lung, liver, kidney and intestine were collected in formalin.

Specimens were not submitted for laboratory work-up.

**FINAL DIAGNOSIS:** Hypertrophic Cardiomyopathy

Clinician Signature: [Signature]  
James J. England, DVM

Report sent to: [Signature] Owner \_\_\_\_\_ Referring Veterinarian \_\_\_\_\_

2 P. 5109 NO.

RENTED TEST CENTER UI CAINE VET

JUL. 6. 2009 1:05PM