



PATIENT **PRESENTING CLINICAL SIGNS**

Sammie Thiel History: Presented July 20, 2023 with 2 weeks history of new SQ mass sternum FNA was bloody from multiple sites. Mass same size August 2, 2023.

SPECIES Abnormal PE/Chem/CBC/UA Results: July 20, 2023 firm SQ mass sternum, aspiration bloody, cytologically no atypical cells found, needs histopathology. Radiographs of the area no rib or sternal abnormalities, and lung field no overt metastatic lesions visible. August 2, 2023 CBC Eosinophilia 3.19 (0.06-1.23). Chemistry hyperproteinemia TP 8.4 (5.2-8.2), hyperglobulinemia 4.8 (2.5-4.5). Hyperbilirubinemia in hemolyzed sample 1.5 (0-0.9).

Canine

BREED

Labrador Retriever

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

Spayed female

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

AGE

10 years

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 6.71 cm. The left kidney measured 6.21 cm.

WEIGHT

73.6 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 2.27 x 0.57 cm at the cranial pole and 0.73 cm at the caudal pole. The right adrenal gland measured 1.89 x 0.54 cm at the cranial pole and 0.53 cm at the caudal pole.

IMAGING PERFORMED BY

Dr. Brenner

Spleen

HOSPITAL NAME

Riverside Animal Clinic

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself. This is a positional variant and is not pathological. There was no evidence of significant disease

REFERRING VET

Dr. Brenner

Liver

INVOICE

76414

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

DATE

8/2/23



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Sammie Thiel

SPECIES

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Labrador Retriever

SEX

Spayed female

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73.6 lbs

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Gastrointestinal

There was some residual chyme and gas was noted in the **stomach**, yet not pathological. The material in the stomach was progressively shadowing such as grass, similar material or post prandial presentation. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

Full stomach. Grass type density.

Mild splenic enlargement.

Otherwise, unremarkable abdomen.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

If the patient was n.p.o. at the time of the sonogram then I cannot completely rule out foreign matter. There was no evidence of metastatic disease.





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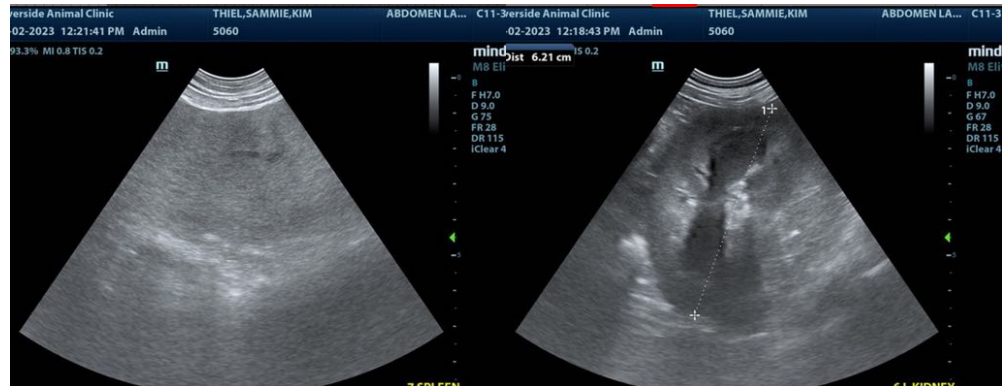
Spayed female

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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

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