



PATIENT

Hawkeye Hutches

SPECIES

Canine

BREED

Labrador Retriever

SEX

Neutered Male

AGE

9 Years

WEIGHT

109.2 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (CFM), Cert.
IVUSS

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Creekside Veterinary
Clinic

REFERRING VET

Dr. Angstrom

INVOICE

72542

DATE

12/12/25

PRESENTING CLINICAL SIGNS

Clinical Exam Findings: P presented 12/10 for exam for having been less active and laying down more often lately, as well as having a decreased appetite. O reports P collapsed just last Saturday. Exam today, 12/12: O reports P has been QAR/lethargic at home and has had decreased appetite. P is QAR on exam. MM pale pink, tacky. No evidence of jaundice. OU anisocoria (OS mydriatic), PLRs WNL. aFAST: heterogenous abnormal architecture noted susp. liver/spleen mass effect, no signs of free fluid, unable to visualize kidneys d/t P's size ABNORMAL Labwork Values Results from 12/10: Moderate regenerative hypochromic normocytic anemia w/ mild neutrophilia and monocytosis; mild hyperglobulinemia and mild hyperbilirubinemia (w/ bilirubinuria); 2+ proteinuria - concern for IMHA. Results from 12/12: CBC - mildly regenerative worsening anemia, worsening neutrophilia, monocytosis, and thrombocytopenia. Chem15 - moderate azotemia, bilirubin is WNL. PCV - 21/22%, TP - 7.6. Current Medications Carprofen 100mg BID, Tricox PO SID

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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 were noted. Ureteral papillae were normal.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Right kidney measured 7.52 cm. Left kidney measured 7.44 cm.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having largely normal shape, size, position and acceptable echogenicity for this age group and breed. Some heterogeneity was noted within the adrenal parenchyma without concerning capsular distortion. These changes are likely age related but should be monitored by sonogram should the patient be suspected of having adrenal disease. Left measured 2.14 cm x 0.81 cm at the cranial pole and 0.94 cm at the caudal pole. Right measured 3.9 cm x 2.64 cm at the cranial pole and 1.33 cm at the caudal pole.

Spleen

The **spleen** revealed a mixed hypoechoic cystic mass measuring 4.1 cm with disruption of architecture. Enhanced surrounding mesentery noted.

Liver

Multifocal hypoechoic metastatic type lesions noted throughout the **liver** with cavitation and nodular changes. Hemorrhage may be deriving from any other mentioned lesions. In addition to the metastatic pattern, multiple hepatic masses were noted. The gallbladder and common bile duct were unremarkable.



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Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. 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.

Free Abdomen

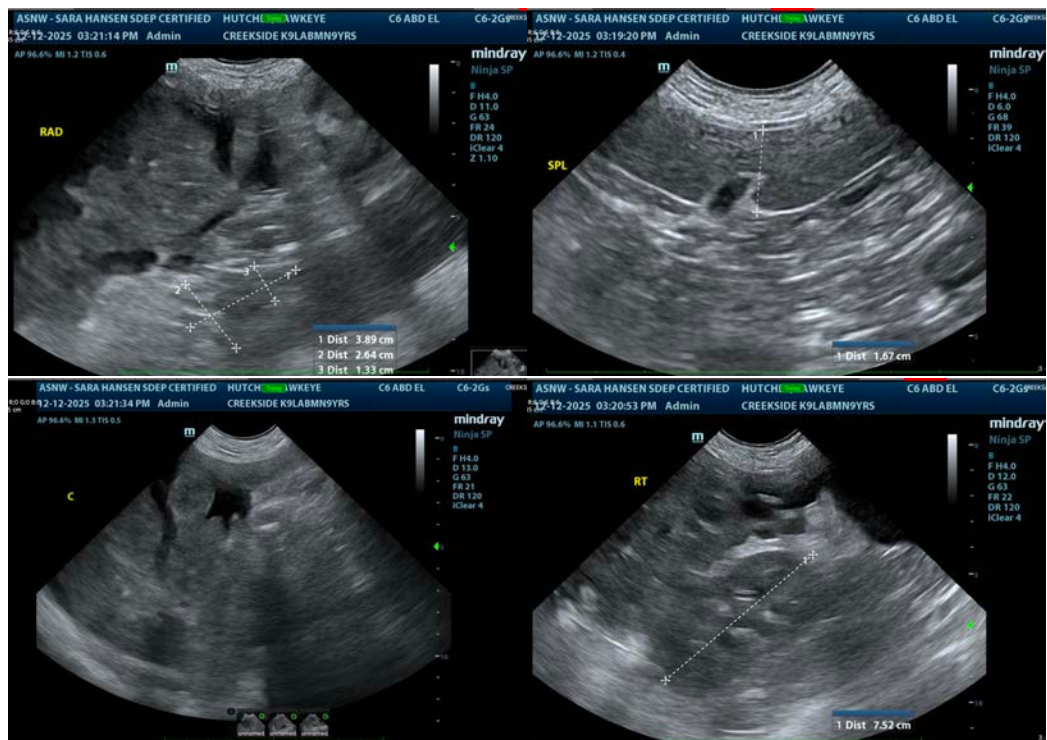
Large amount of free fluid noted in the abdomen.

ULTRASONOGRAPHIC FINDINGS

- Splenic mass with multifocal metastatic hepatic pattern and secondary free fluid consistent with hemorrhage.
- Age related renal and adrenal changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Multicentric hemangiosarcoma or similar pathology suspected. Prognosis is poor. Humane euthanasia should be considered in this patient.





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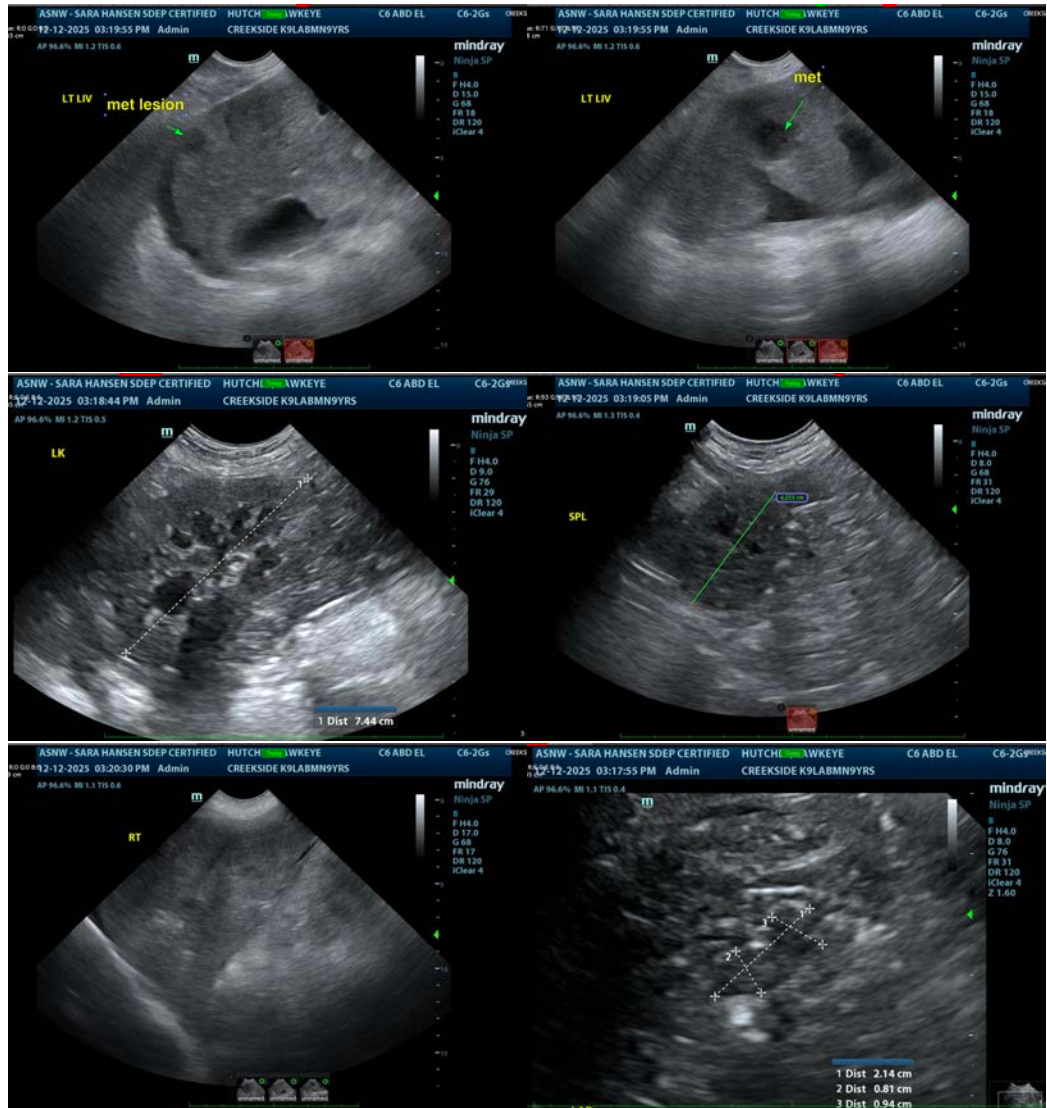
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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