

PATIENT

Cooper Grant

SPECIES

Canine

BREED

Siberian Husky

SEX

Neutered Male

AGE

11 Years

WEIGHT

104 Pounds

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

HOSPITAL NAME

Faithful Friends AC

REFERRING VET

Dr. Hiett

INVOICE NUMBER

23218

DATE

7/7/23

PRESENTING CLINICAL SIGNS

History: Seen at ER clinic about 3 weeks ago for lameness. Suspect ruptured CCL but found abnormal lab values. Current Medications Carprofen 100 mg bid Radiographic Findings Normal Abdominal rads Primary Question/Differential to Be Answered in This Exam Reasons for low USG and mild liver enzyme changes.

Abnormal PE/Chem/CBC/UA Results: MCV 21.6, Retic HgB 21.5, Glob 4.4, ALT 238, ALP 331, USG 1.011 (neg urine protein)

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 pelvic urethra was imaged 2.0 cm beyond the cystourethral junction. The residual prostate measured 0.2 cm.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some minor 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. The right kidney measured 6.63 cm. The left kidney measured 5.44 cm.

Adrenal Glands

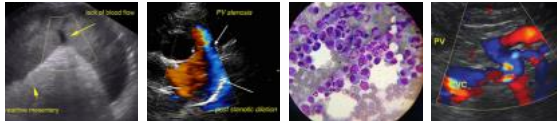
Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 2.83 cm x 1.81 cm at the cranial pole and 0.66 cm at the caudal pole. The left adrenal gland measured 3.27 cm x 0.62 cm at the caudal pole and 0.74 cm at the cranial pole.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.



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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.

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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.

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Siberian Husky

ULTRASONOGRAPHIC FINDINGS

SEX

Neutered Male

- Benign hepatopathy
- Largely age-related changes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

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No contraindication to anesthetic procedure. FNA of the liver could be considered for further definition yet structurally the abdomen is unremarkable.

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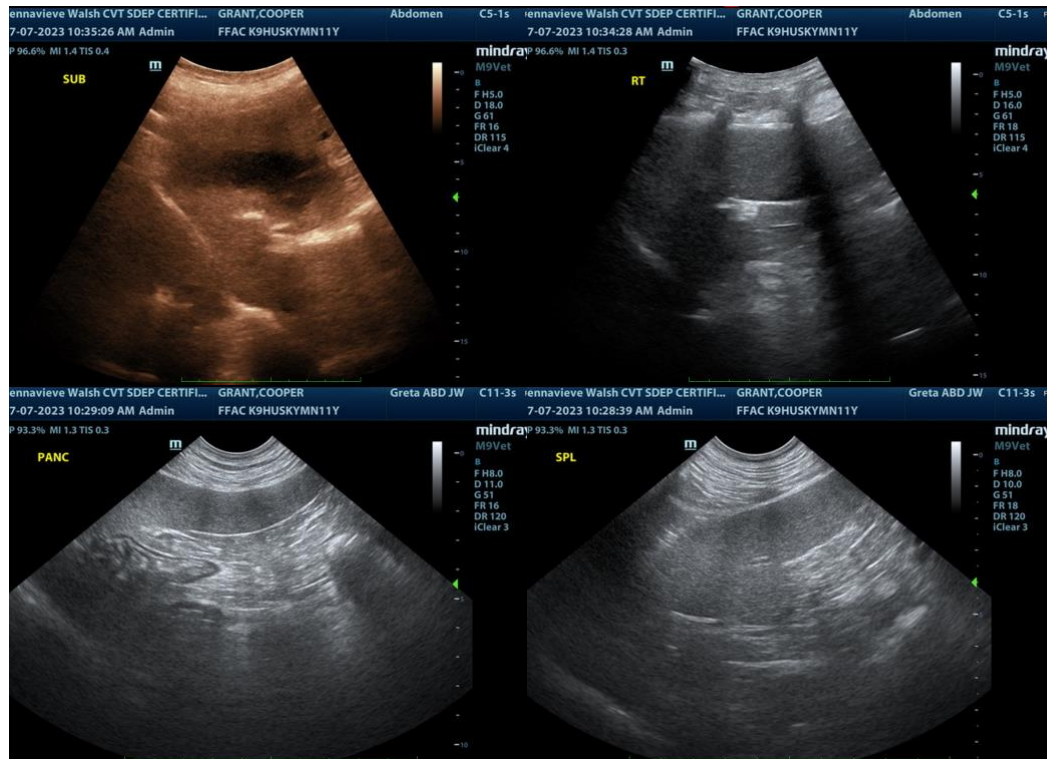
Dr. Hiett

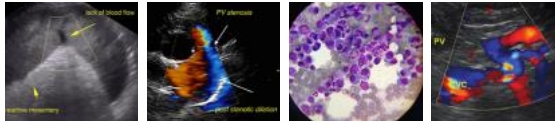
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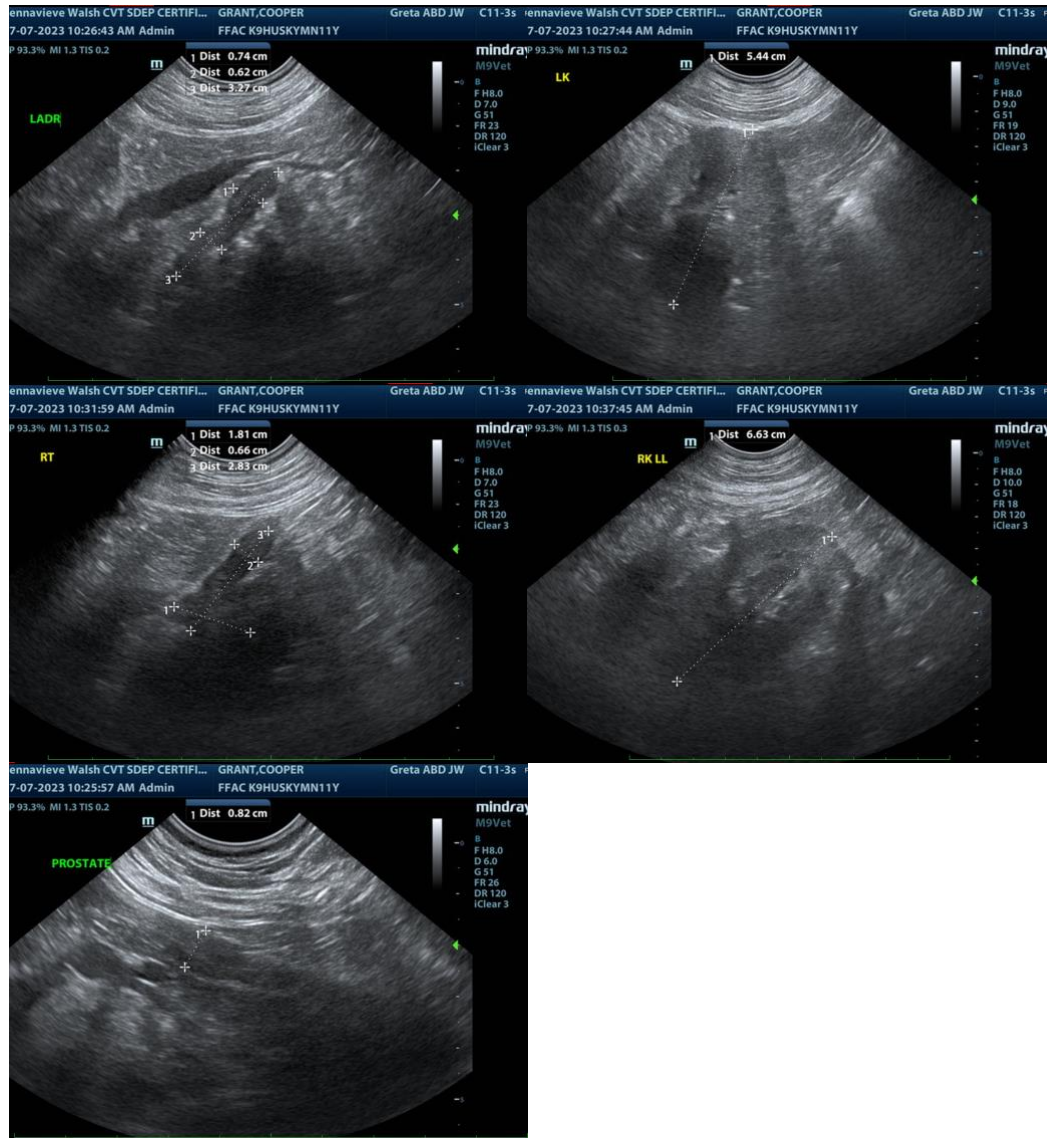
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

REFERRING VET

Dr. Hiett

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.

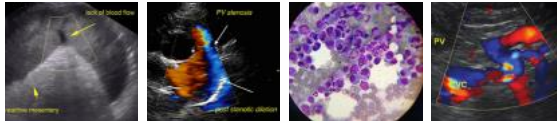
Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com

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