



PATIENT

Heidi Proctor

SPECIES

Canine

BREED

Labrador Retriever

SEX

Spayed Female

AGE

13 years

WEIGHT

84.1 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Favis

HOSPITAL NAME

Ruidoso AC

REFERRING VET

Dr. Favis

INVOICE

42544

DATE

1/5/23

PRESENTING CLINICAL SIGNS

History: Weight loss, increased water consumption.
ALT 431, ALP 2772, Tbil 0.6, Glucose low at 36, calcium 16.4, cholesterol 420. CBC WNL.

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 was 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. The left kidney measured 5.0 cm. The right kidney measured 6.0 cm.

Adrenal Glands

The regions of the **adrenal glands** were images with no overt pathology.

Spleen

The **spleen** revealed a parenchymal mass that measured 7.0 cm. The splenic mass does not show any evidence of rupture.

Liver

The **liver** revealed increased portal marking with multi-focal areas of mineralization. The gallbladder wall was echogenic and mildly thickened.

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.



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ULTRASONOGRAPHIC FINDINGS

Splenic mass.

Chronic cholangitis.

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Biliary mineralization.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I recommend chest radiographs, rapid echocardiogram to ensure that no metastatic disease is noted in the right auricle or pericardium followed by splenectomy and liver biopsy. Screening FNA of the splenic mass and liver could be considered for further definition. Differentials on the spleen reveal hemangiosarcoma or less likely round cell neoplasia or benign hyperplasia with mass effect. Chronic cholangitis is likely with biliary mineralization and a mild potential for metastatic disease.

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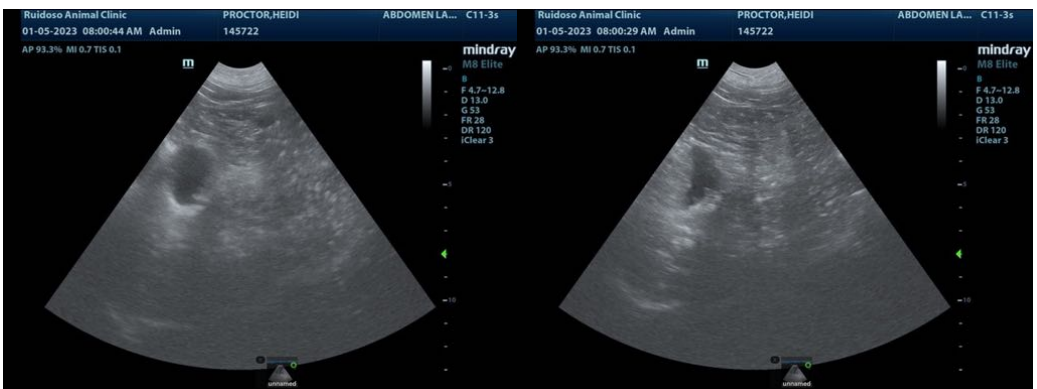
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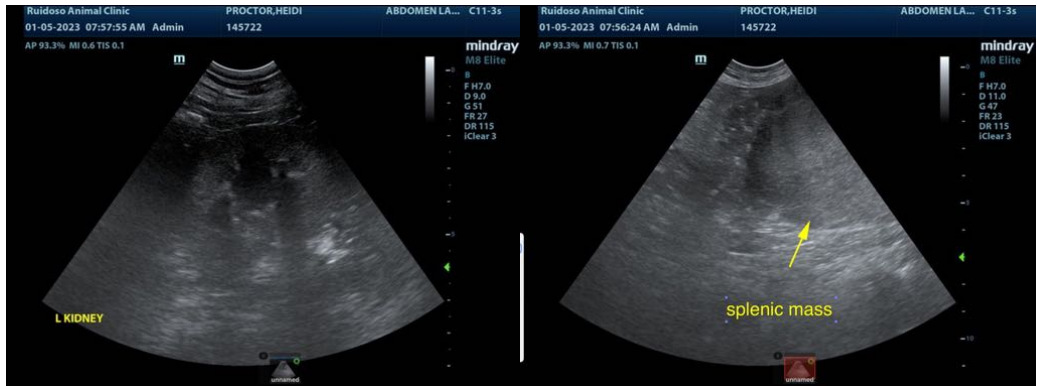
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

IMAGING PERFORMED BY

Dr. Favis

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.

HOSPITAL NAME

Ruidoso AC

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info@SonoPath.com

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