



PATIENT PRESENTING CLINICAL SIGNS

Roscoe Lyons BCS 3/9 Weight loss- lost 6lb in 1 month. on Carprofen chronically
Abnormal PE/Chem/CBC/UA Results: Globulin 4.1, ALP 246

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED

The **bladder** in this patient was mildly thickened with slight echogenic mural changes. No calculi or masses were noted. Slight micropolypoid changes were noted. This is a frequent finding in older animals and may be linked to a history of chronic urinary tract infection or active urinary tract infection. Urinalysis would be recommended with culture if any evidence of inflammatory sediment is present. The region of the trigone and visible pelvic urethra were normal.

GSD x

SEX

Neutered Male

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 7.5 cm. The right kidney measured 6.1 cm.

AGE

13 Years 7 Months

WEIGHT

46.4 Pounds

Adrenal Glands

INTERPRETED BY

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 0.52 cm at the caudal pole and 0.51 cm at the cranial pole. The right adrenal gland measured 0.75 cm at the cranial pole and 0.60 cm at the caudal pole.

Eric Lindquist, DMV

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Spleen

IMAGING PERFORMED BY

Dr. Kevin Moon

The **spleen** revealed an expansive parenchymal mass measuring 7.2 cm x 4.9 cm. No evidence of cavitation noted. Areas of mineralization noted within the mass. Minor heterogeneous parenchymal changes noted elsewhere.

HOSPITAL NAME

Shiloh Vet Hospital

Liver

REFERRING VET

Dr. Katie Craig

The **liver** was largely normal with minor excessive gallbladder debris. Uniform parenchyma and vascularity. No evidence of metastatic disease.

Gastrointestinal

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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.

DATE

7/28/23

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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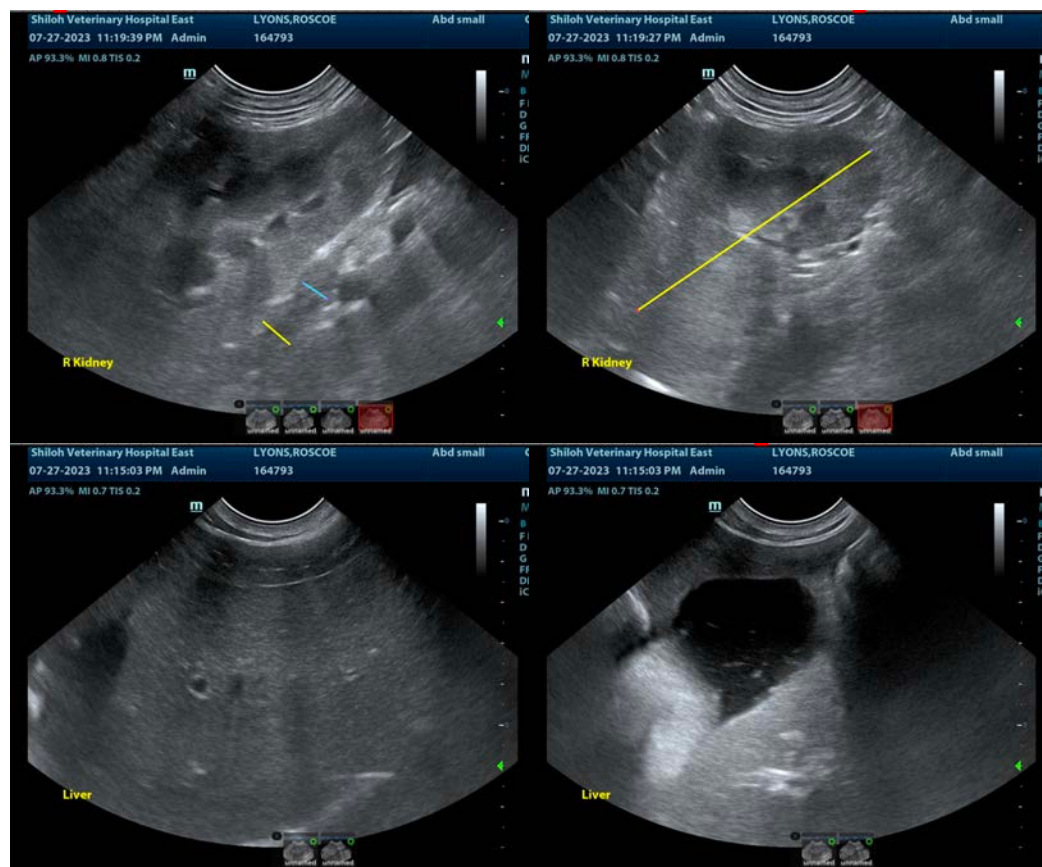
Dr. Katie Craig

ULTRASONOGRAPHIC FINDINGS

- Splenic mass, appears isolated – stromal tumor, round cell neoplasia, hemangiosarcoma all possible.
- Age related urinary bladder and renal changes
- Minor gallbladder debris

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Chest radiographs and echocardiogram recommended to assess for metastatic disease. No overt evidence of metastatic disease in the abdomen.



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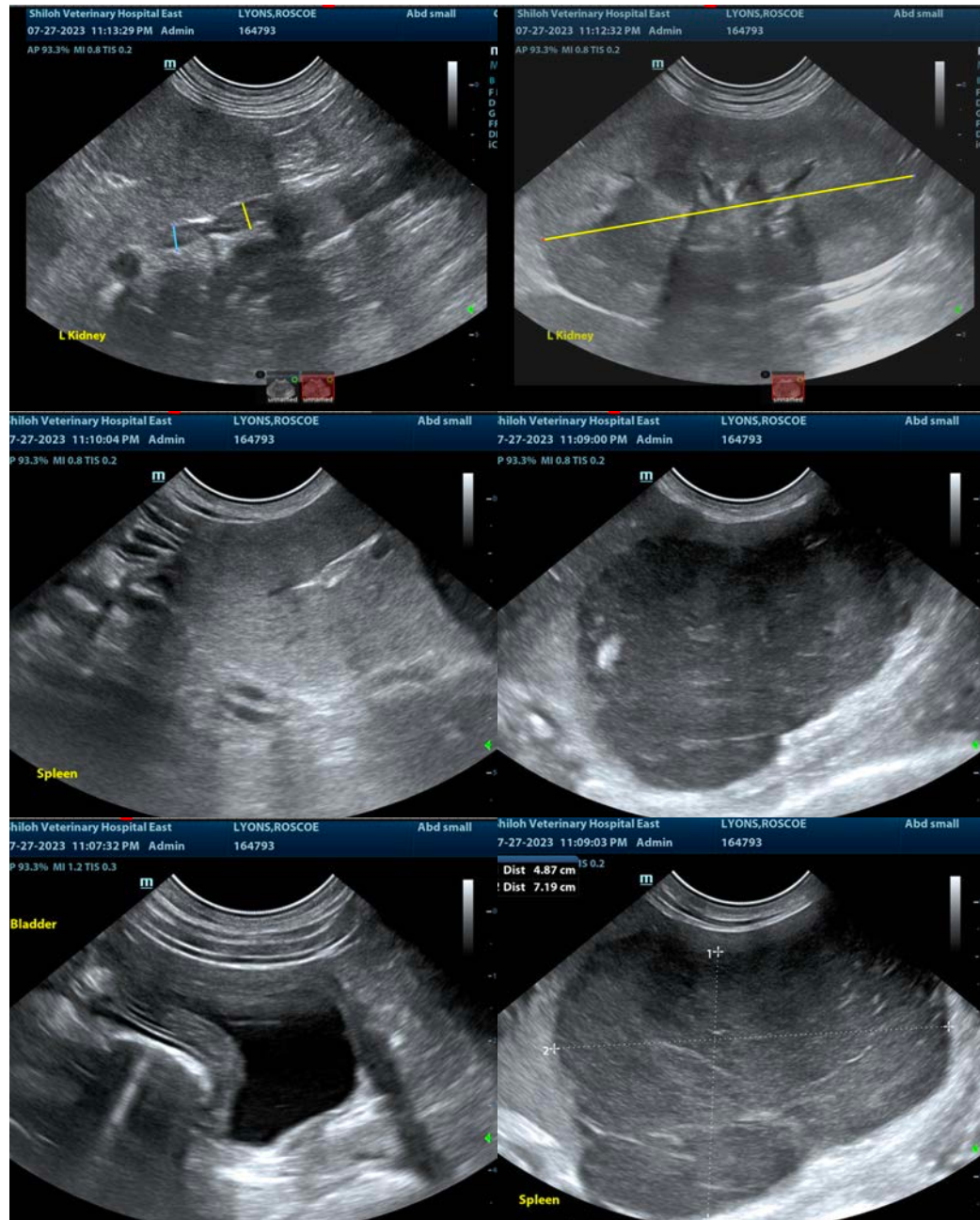
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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