



PATIENT

Kiah Ladbury

SPECIES

Canine

BREED

Rhodesian Ridgeback

SEX

FS

AGE

7 yrs 4 mos

WEIGHT

62.80 lbs.

PRESENTING CLINICAL SIGNS

Presented yesterday for possible incontinence. Had noted leakage on her bedding. No straining, discomfort, or hematuria. no PU/PD noted. O had been traveling and in NM- had been working on weight loss, attributed changes to stress of transition. Current weight 62.8, former weight 84 6/2022 (had been overweight)

Abnormal PE/Chem/CBC/UA Results: SpG 1.014, pH 5, urine protein 30, cocci bacteria suspected, pending urine culture. 3/hpf WBC, 16/HPF RBC, non-squam epi 1-2/HPF BUN 69, PHos 7.9, Creat 3.6, Glc 133, K 3.5. IRIS Stage 3 renal disease concerns. BP 153/109, 168/112

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, and cystourethral junction exhibited normal thickness and tone. Primarily anechoic urine was present in the lumen. Echogenic to particulate sediment, which may indicate cellular debris / protein, crystalline debris, or mucus, was present without evidence of calculus formation. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic mural changes were noted. No overt evidence was noted in the area of the proximal urethra.

The area of the aortic trifurcation was free of pathology.

Normal size and asymmetrical renal margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild to moderate loss of corticomedullary symmetry and definition expected for the age of the patient. Mild right kidney pyelectasia, without overt evidence of concurrent right ureter dilation, was present. The left kidney measured 8.0 cm in length. The right kidney measured 7.9 cm in length.

Adrenal Glands

The left adrenal gland was overtly normal in size, position, and shape measuring 3.0 cm length x 0.75 cm width in the caudal pole. The right adrenal gland was not definitively visualized.

Spleen

The spleen was asymmetrically enlarged with subjective extension of the spleen into the right cranial abdomen. Asymmetrical splenic contour was noted with generalized parenchyma heterogeneity including multiple, variably sized to variably echogenic macronodules to small masses. An example of an isoechoic splenic mass measured 4.0-5.0 cm in diameter in the mid-spleen. An example of a macronodule to small mass in the subjective cranial spleen measured 3.4 cm in diameter.

Liver/ Gallbladder

The liver exhibited mild to moderate generalized enlargement with normal structure and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Dr. Jessie Evoniuk

HOSPITAL NAME

State Avenue Vet
Clinic

REFERRING VET

Dr. Jessie Evoniuk

INVOICE

15251

DATE

10/26/22



PATIENT

Kiah Ladbury

mild echogenic nonorganized luminal debris. The gallbladder and peripheral gallbladder were otherwise normal. The cystic and common bile ducts were normal.

SPECIES

Canine

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained moderate ingesta exhibiting mild progressive distal acoustic shadowing.

BREED

Rhodesian Ridgeback

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material.

SEX

FS

Normal visible colon wall layers were present with apparent formed feces in lumen.

AGE

7 yrs 4 mos

Pancreas

The parenchyma of the left limb, body, and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease were evident.

WEIGHT

62.80 lbs.

Free Abdomen

No overt peritoneal free fluid or intraabdominal lymphadenopathy was present.

ULTRASONOGRAPHIC FINDINGS

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

- Sonographically unremarkable urinary bladder with mild sediment
- Bilateral chronic nephropathy with mild right kidney pyelectasia
- Irregular splenomegaly with subjective extension of the spleen to right cranial abdomen, generalized nonhomogeneous parenchyma exhibiting multiple variably sized to echogenic macronodules to small masses
- Hepatomegaly exhibiting mild nonuniform to remodeled parenchyma
- Sonographically unremarkable gastrointestinal tract with gastric ingesta

IMAGING PERFORMED BY

Dr. Jessie Evoniuk

HOSPITAL NAME

State Avenue Vet
Clinic

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The pyelectasia in the right kidney may be secondary to chronic renal changes, pelvic scarring, IV fluid therapy if applicable, while the possibility of right pyelonephritis cannot be excluded. Correlation with pending urine C/S is recommended.

REFERRING VET

Dr. Jessie Evoniuk

INVOICE

15251

Although sampling is required for further assessment, the splenic presentation is most concerning for infiltrative neoplastic criteria, given the patient's weight loss. Further assessment may include splenic FNA cytology using a 25-gauge needle and assuming normal clotting status.

DATE

10/26/22

Concurrent screening hepatic FNA cytology could also be considered, although no obvious evidence of hepatic neoplastic criteria. Three-view chest radiographs to assess for evidence of occult thoracic pathology and assessment of cardiopulmonary status with, ideally, a brief sonographic assessment of the heart for evidence of pericardial effusion or metastatic criteria is recommended.



PATIENT

Kiah Ladbury

SPECIES

Canine

BREED

Rhodesian Ridgeback

SEX

FS

AGE

7 yrs 4 mos

WEIGHT

62.80 lbs.

INTERPRETED BY

R. McKenzie Daniel, DVM, DABVP (Canine and Feline)

IMAGING PERFORMED BY

Dr. Jessie Evoniuk

HOSPITAL NAME

State Avenue Vet Clinic

REFERRING VET

Dr. Jessie Evoniuk

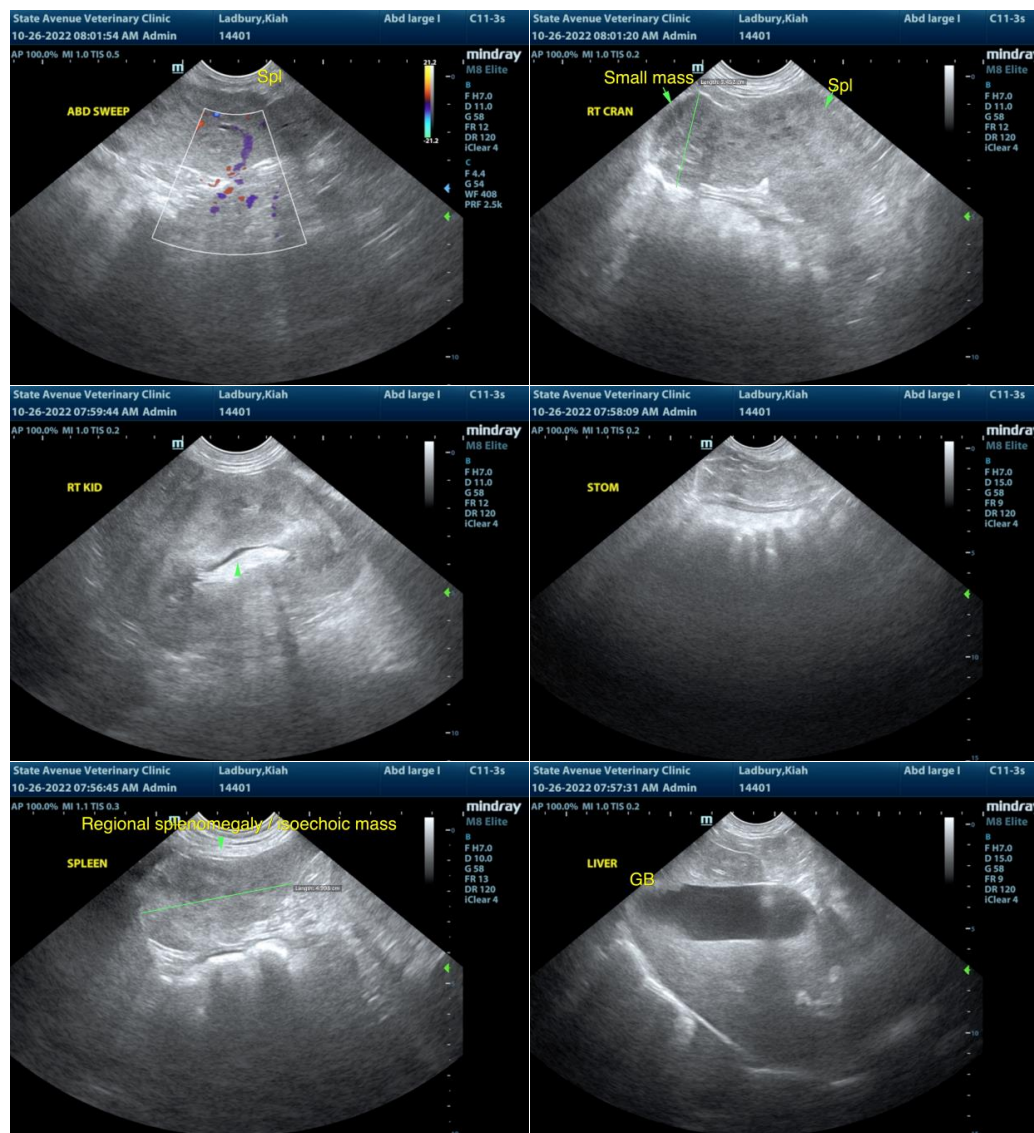
INVOICE

15251

DATE

10/26/22

Splenectomy could be considered in this case, assuming no evidence of thoracic or cardiac pathology, yet likely dependent upon further assessment of renal function going forward. A very guarded prognosis is likely indicated.





PATIENT

Kiah Ladbury

SPECIES

Canine

BREED

Rhodesian Ridgeback

SEX

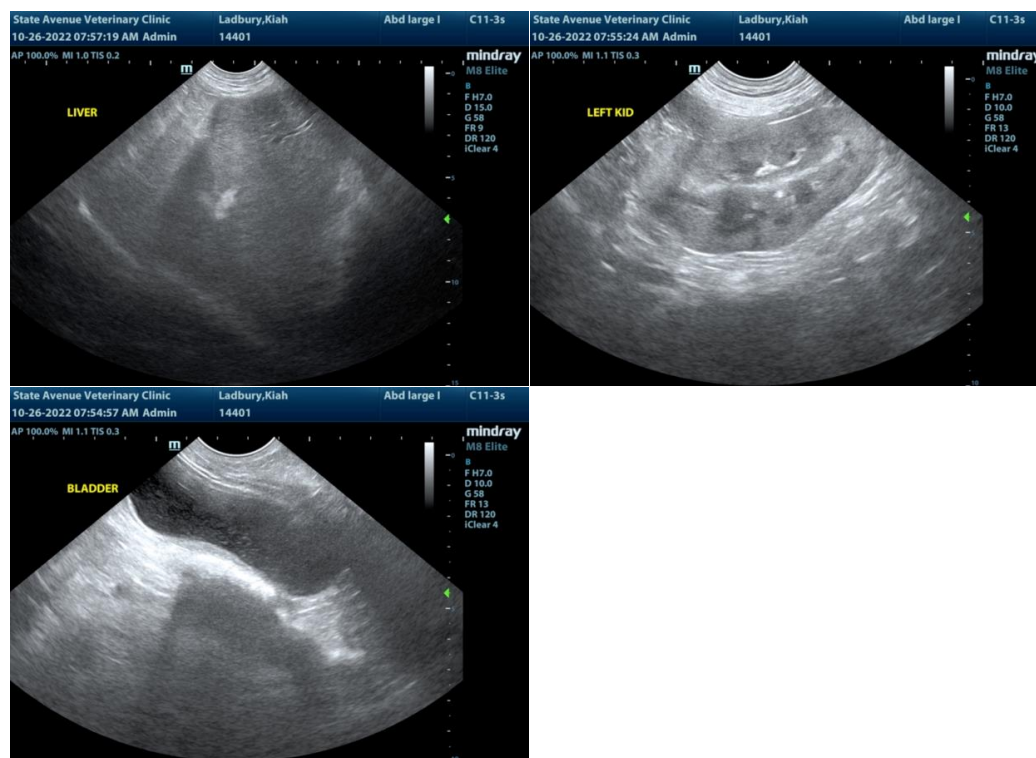
FS

AGE

7 yrs 4 mos

WEIGHT

62.80 lbs.



INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Dr. Jessie Evoniuk

HOSPITAL NAME

State Avenue Vet
Clinic

REFERRING VET

Dr. Jessie Evoniuk

INVOICE

15251

DATE

10/26/22

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com