



PATIENT

Roxy Hager

PRESENTING CLINICAL SIGNS

Abdominal mass felt. Cough. Current meds: Doxycycline

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder was normal in size and tone with uniform mildly prominent bladder wall measuring 0.58 cm in width. The trigone, cystourethral junction, and visible pelvic urethra to a depth of 3 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

BREED

Lab

SEX

FS

Normal size and margination was 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 loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 7.2 cm in length. The right kidney measured 8.0 cm in length.

AGE

9yr

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

WEIGHT

72lb

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.65 cm width at the caudal pole and 2.9 cm length.

The right adrenal gland was prominent in size with normal contour with homogenous parenchyma. The right adrenal gland measured 1.2 cm width at the caudal pole and 2.8 cm length.

INTERPRETED BY

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

Spleen

A moderately sized non-homogeneous to mixed echogenic mass in the area of the caudal spleen was present measuring ~ 8-10 cm in diameter. The mass distorted the caudal splenic capsule. Concurrent separate variably expansive hypoechoic nodules were present in the mid to cranial spleen an example measuring 3.6 cm in diameter. Normal splenic vascularity was present.

IMAGING PERFORMED BY

Jessica Miller

Liver

The liver was subjectively normal in size, 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.

HOSPITAL NAME

Tranquility VC

REFERRING VET

Dr. C

The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content with minor echogenic luminal debris. The common bile duct was normal. The cystic biliary duct was mildly dilated.

Gastrointestinal

INVOICE

11619ag

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild non-shadowing ingesta/chyme with no signs of ileus, obstruction or foreign material.

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.

DATE

09/13/2022

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



PATIENT

Pancreas

Roxy Hager

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 was evident.

SPECIES

Canine

Free Abdomen

No omental masses or overt lymphadenopathy. Potential for very scant perisplenic free fluid was noted.

BREED

Lab

ULTRASONOGRAPHIC FINDINGS

Primary

SEX

FS

- Splenic mass with concurrent mildly expansive splenic nodules
- Minor hepatic parenchyma remodeling-subjectively benign
- Mild age-related kidneys
- Mildly prominent right adrenal gland-suspect patient variant, no evidence of neoplastic adrenal criteria

AGE

9yr

Secondary

- Mild gastric ingesta-suspect recent meal ingestion

WEIGHT

72lb

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

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

The splenic mass and concurrent nodules are nonspecific with considerations including hyperplasia, hematopoiesis, granuloma, splenitis, or neoplasia (sarcoma, round cell neoplasia, other). Neoplastic mass or neoplastic criteria is favored. No obvious evidence of intra-abdominal metastatic disease or evidence of cardiac metastasis was observed. Three view chest radiographs suggested if not done to assess for thoracic pathology. Assuming no evidence of pathology on radiographs, laparotomy with splenectomy, gross inspection of the liver, perisplenic omentum and right adrenal gland, if possible, would be warranted. A guarded prognosis is indicated pending histopathology.

IMAGING PERFORMED BY

Jessica Miller

HOSPITAL NAME

Tranquility VC

REFERRING VET

Dr. C

INVOICE

11619ag

DATE

09/13/2022



PATIENT

Roxy Hager

SPECIES

Canine

BREED

Lab

SEX

FS

AGE

9yr

WEIGHT

72lb

INTERPRETED BY

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

IMAGING PERFORMED BY

Jessica Miller

HOSPITAL NAME

Tranquility VC

REFERRING VET

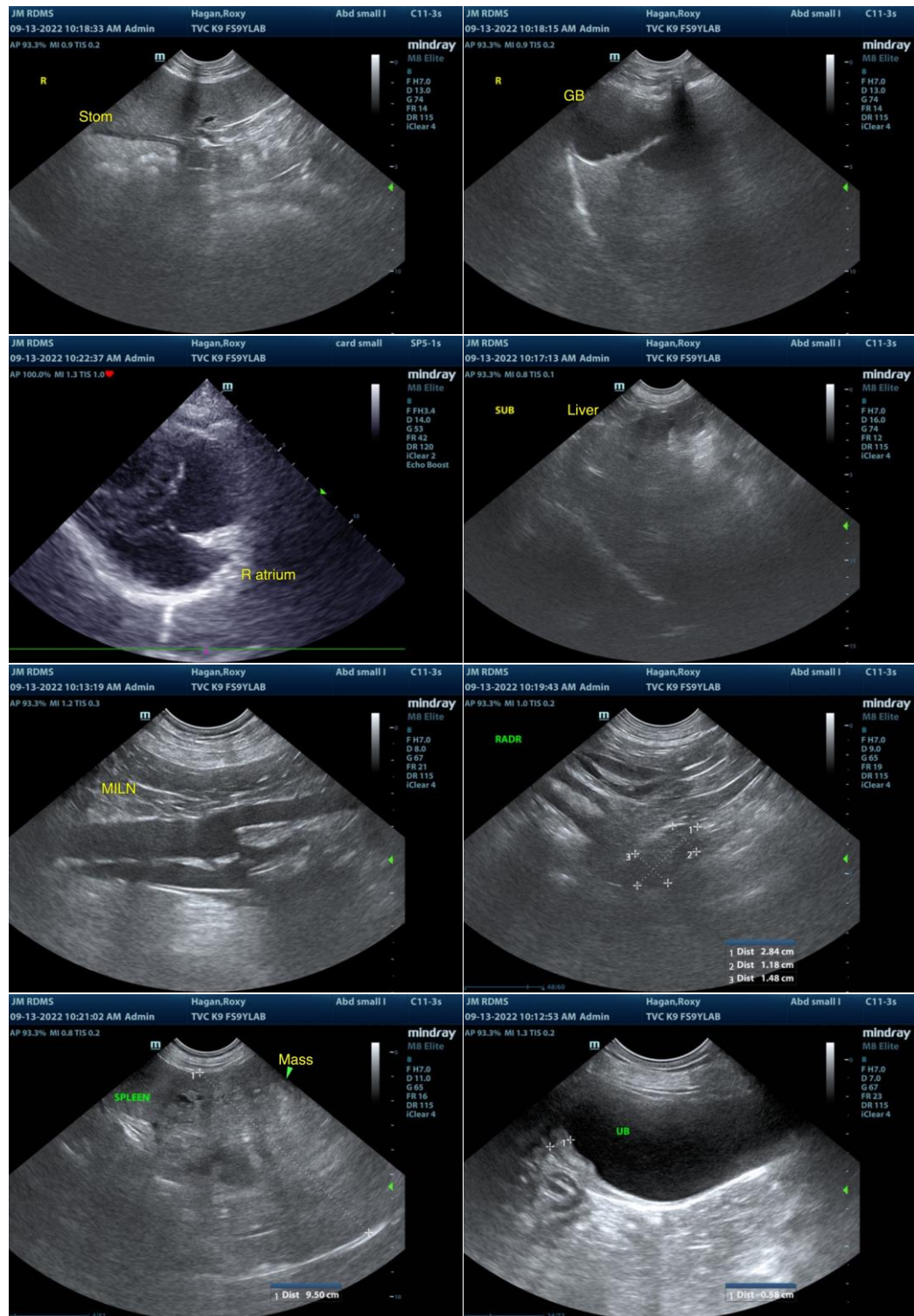
Dr. C

INVOICE

11619ag

DATE

09/13/2022





PATIENT

Roxy Hager

SPECIES

Canine

BREED

Lab

SEX

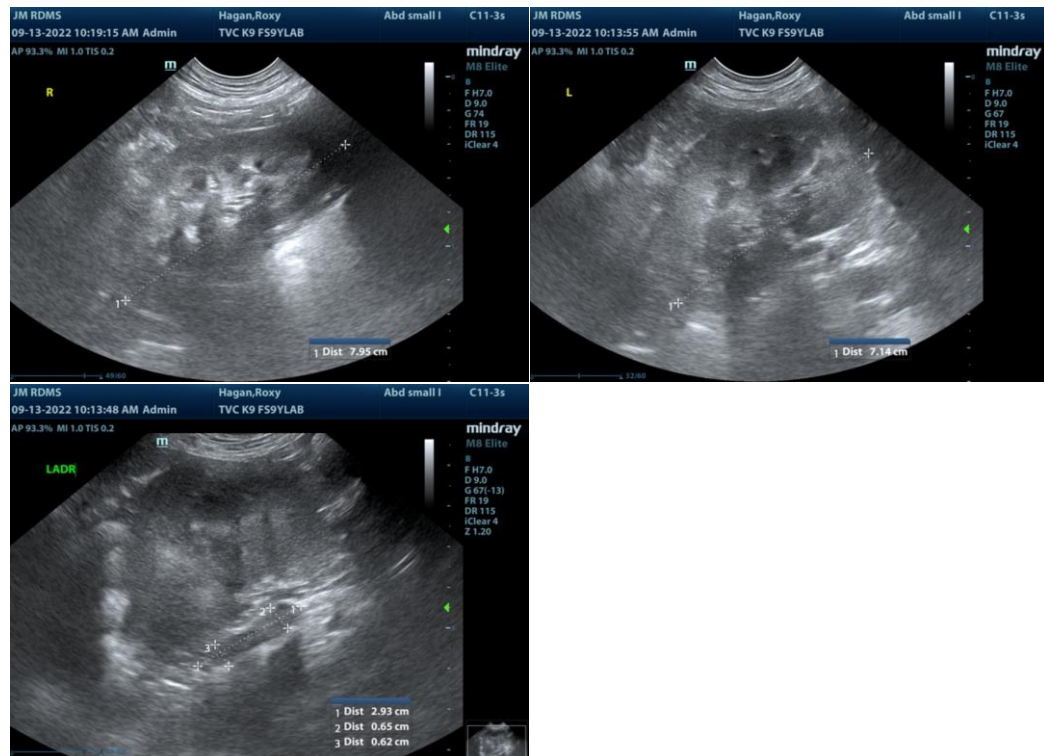
FS

AGE

9yr

WEIGHT

72lb



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

INTERPRETED BY

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

IMAGING PERFORMED BY

Jessica Miller

HOSPITAL NAME

Tranquility VC

REFERRING VET

Dr. C

INVOICE

11619ag

DATE

09/13/2022