



PATIENT

Katie Wright

PRESENTING CLINICAL SIGNS

Pu/PD

Abnormal PE/Chem/CBC/UA Results: USG: 1.018 otherwise 1+ urine protein

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Yorkie

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 1 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.

SEX

FS

Normal size and 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. No evidence of pelvic dilation was present. Pinpoint dystrophic mineral was present.

AGE

14yr

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

WEIGHT

5.28lb

The bilateral adrenal glands were borderline prominent in size based on caudal pole measurement and body weight. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The left adrenal gland measured 0.52 cm width in the cranial pole and 0.48 cm width in the caudal pole. The right adrenal gland measured 0.51 cm width in the cranial pole and 0.51 cm width in the caudal pole.

INTERPRETED BY

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

Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

IMAGING PERFORMED BY

Dr. Rodriguez

Liver/Gallbladder

HOSPITAL NAME

Foxfield Veterinary
Services

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content with mild non-organized hyperechoic debris. The cystic and common bile ducts were normal.

REFERRING VET

Dr. Rodriguez

Gastrointestinal

The stomach presented intact wall layering with mildly prominent gastric mucosa which is likely a patient variant if not recent signs of gastritis. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.

INVOICE

12897ag

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

02/06/2023

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



PATIENT

Pancreas

Katie Wright

The parenchyma of the pancreas base and proximal right limb was hyperechoic to adjacent omental fat with diffuse parenchyma remodeling. The capsule of the pancreas was mildly asymmetrical in contour without evidence of peripancreatic inflammation. These changes may suggest chronic inflammation, fibrosis, or saponification if there is a previous history of pancreatitis. No overt signs of pancreatic neoplasia.

SPECIES

Canine

Free Abdomen

BREED

Yorkie

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

SEX

FS

- Mild to moderate chronic renal changes
- Subjective borderline prominent adrenal glands- nonspecific
- Overtly normal liver, mild gallbladder debris (non-mucocele)
- Mild chronic pancreatitis/pancreatic fibrosis pattern-pancreas base

AGE

14yr

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered. Sonographically the bilateral adrenal glands in conjunction with hepatic presentation is not overtly consistent with adrenal disease.

WEIGHT

5.28lb

A full adrenal work up could be considered if strong clinical suspicion for Cushing's syndrome. No evidence of intra-abdominal neoplastic criteria. A leptospirosis titer/PCR may be considered if clinically indicated or if potential exposure/endemic to the area. A full CBC/chem panel to assess for underlying metabolic disease as a contributing factor recommended if not recently done.

INTERPRETED BY

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DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Dr. Rodriguez

HOSPITAL NAME

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Services

REFERRING VET

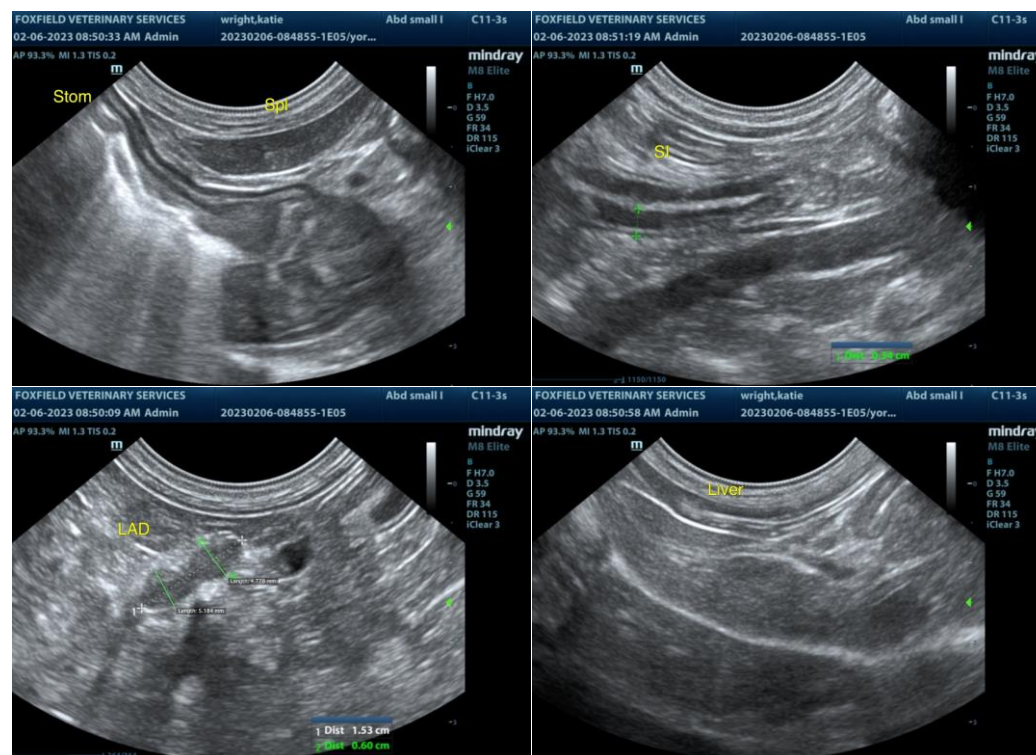
Dr. Rodriguez

INVOICE

12897ag

DATE

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Katie Wright

SPECIES

Canine

BREED

Yorkie

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AGE

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WEIGHT

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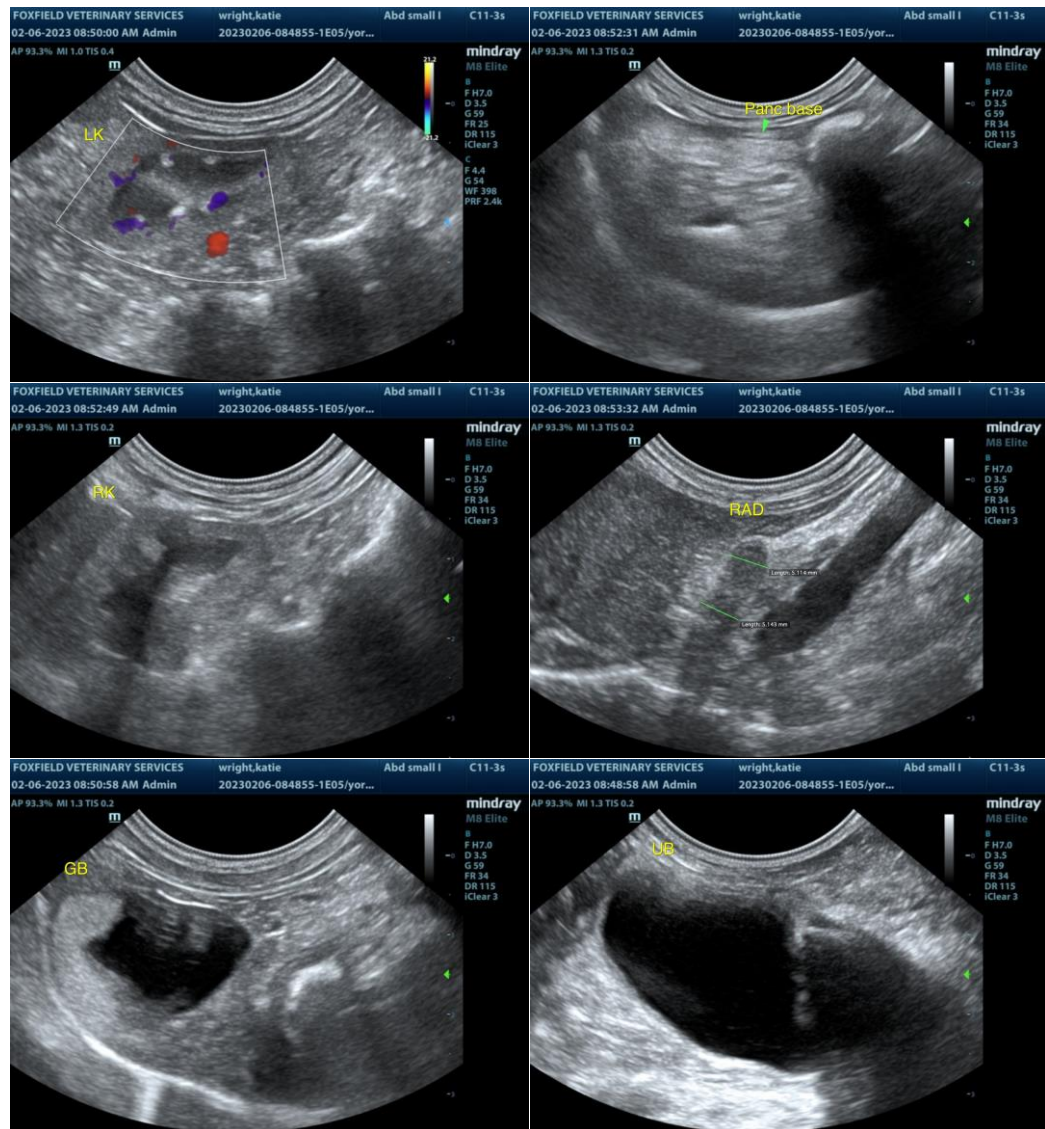
Dr. Rodriguez

INVOICE

12897ag

DATE

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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.

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