



PATIENT

Tutu Wu

PRESENTING CLINICAL SIGNS

Started vomiting end of April. Was seen at urgent care and treated at outpatient for GI upset. Vomiting resolved and then this morning vomited 8x. No Hx of dietary indiscretion.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: NSF

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Yorkie Mix

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra 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

MN

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 4.1 cm in length. The right kidney measured 4.3 cm in length.

AGE

3yr

The area of the aortic trifurcation was free of pathology.

WEIGHT

6.4kg

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.41 cm width at the caudal pole and 0.37 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.41 cm width at 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 Sarah Barthelemy

Liver/Gallbladder

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. Normal vascular volume. 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. The cystic and common bile ducts were normal.

HOSPITAL NAME

Healthy Paws
Forward Vet Hospital

REFERRING VET

Dr Hen-Boisen

Gastrointestinal

The stomach presented intact mildly prominent wall layering most notable in the area of the antrum and pylorus. The lumen of the stomach contained luminal gas and minor retained anechoic fluid with no signs of ileus, obstruction or foreign material. The pylorus wall measured 0.49 cm in width.

INVOICE

14252ag

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

06/29/2023

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



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Pancreas

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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, overt lymphadenopathy or peritoneal effusion was present.

BREED

Yorkie Mix

ULTRASONOGRAPHIC FINDINGS

- Gastritis pattern-subjectively mild.
- Sonographically unremarkable small bowel/pancreas.

SEX

MN

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Empirical therapy for gastritis which may include gastric protectant protocol i.e., Omeprazole 1 mg/kg PO SID over the next 3 weeks, canned hydrolyzed or novel protein diet trail and subjective empirical deworming with assessment of clinical response may prove beneficial. Although considered unlikely considering normal adrenal presentation, a resting cortisol level to rule out occult Addison's disease is recommended. No evidence of GI foreign body.

AGE

3yr

WEIGHT

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(Canine and Feline)

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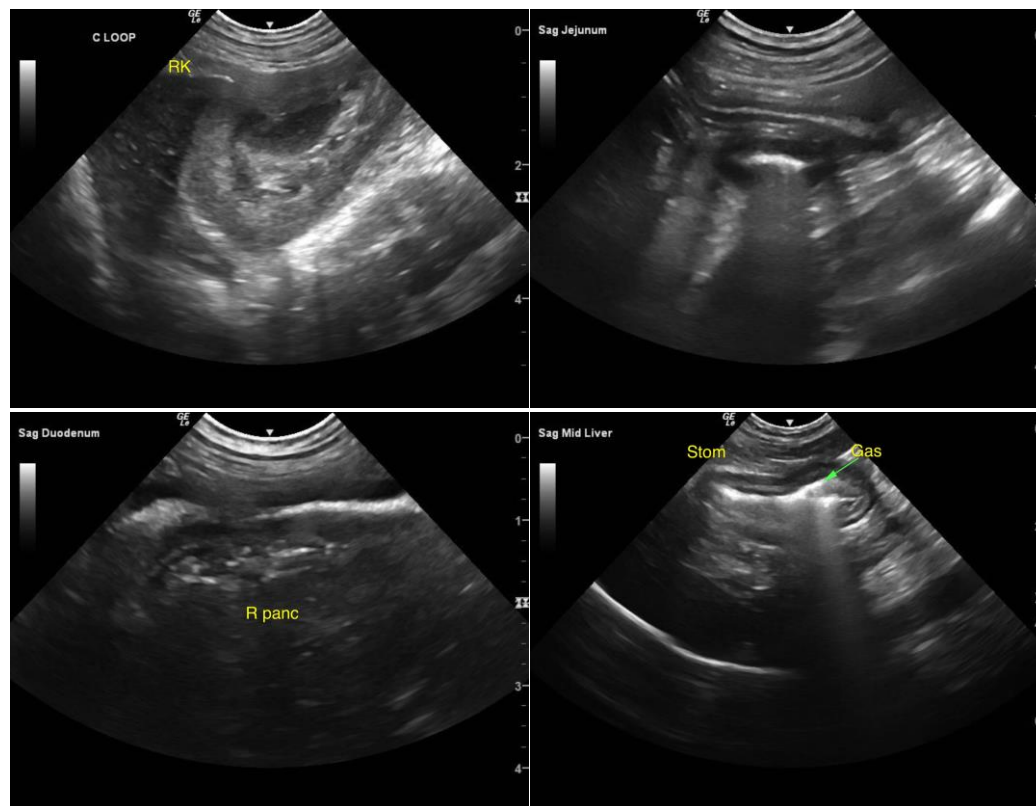
Dr Hen-Boisen

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SPECIES

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SEX

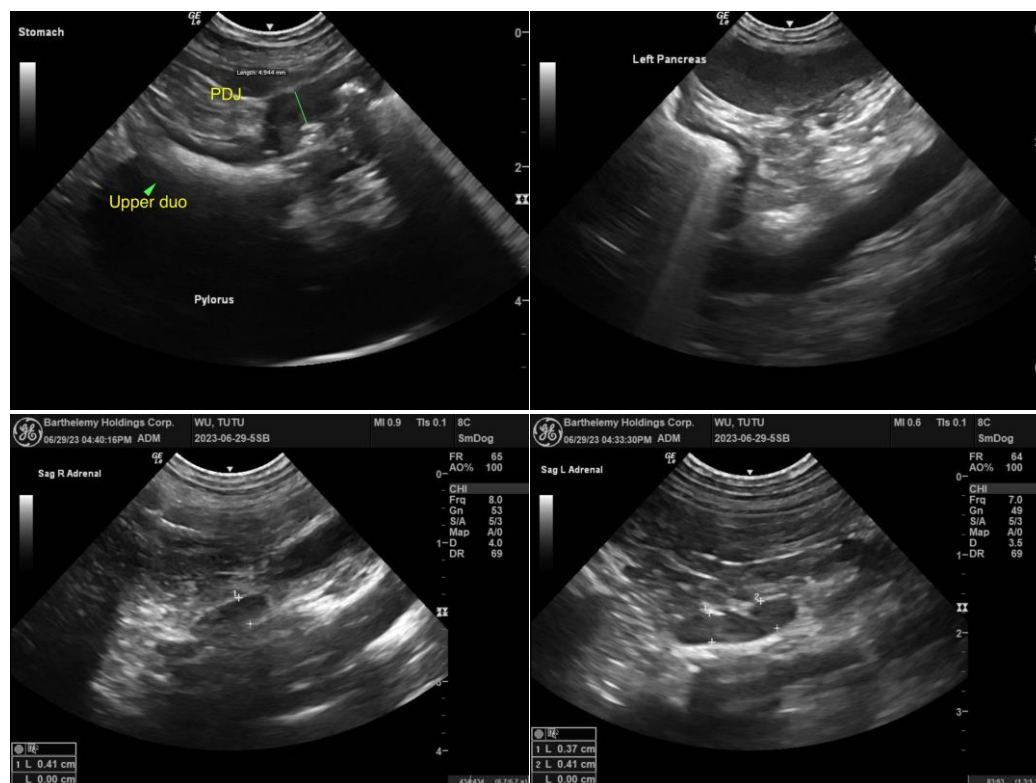
MN

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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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