



PATIENT

Cuda Haugen

SPECIES

Feline

BREED

Domestic Shorthair

SEX

MN

AGE

4 years 2 months

WEIGHT

6.55 kg

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

15020

DATE

9/29/22

PRESENTING CLINICAL SIGNS

January 2022 had previous FB surgery. HX of eating inappropriate items. 1 week hX of O noting gagging and mucous production but no food vomited, no overt V+ or writhing. E/D well but slightly more lethargic Given hair ball treats. Is a grazer but did eat this morning around 7AM. RO FB vs other Abnormal PE/Chem/CBC/UA Results: Fractious even with Gabapentin and Trazadone premed. Sedated for exam. Gas palpable within GIT, no overt sensitivity. Pending biochem. Oral exam NSF. mm pink, moist. Food noted in stomach- RO FB vs normal after not fasted study

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 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 was noted.

The area of the aortic trifurcation was free of pathology.

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 3.8 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.34 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.27 cm width.

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.

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. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was subnormal in size, likely owing to the presence of gastrointestinal ingesta. The cystic and common bile ducts were normal.

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained moderate, variably echogenic, yet nonshadowing ingesta most consistent with post prandial



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presentation without signs of ileus. No evidence of mechanical pyloric outflow obstruction or evidence of overt gastric foreign material was noted. The gastric body wall width measured 0.20 cm.

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. Segmental to generalized nonshadowing ingesta / chyme was present. No evidence of mechanical / metabolic small intestinal ileus. The duodenum wall measured 0.23 cm width. The jejunum wall measured 0.22 cm width.

Normal visible colon wall layers were present with formed fecal matter.

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.

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

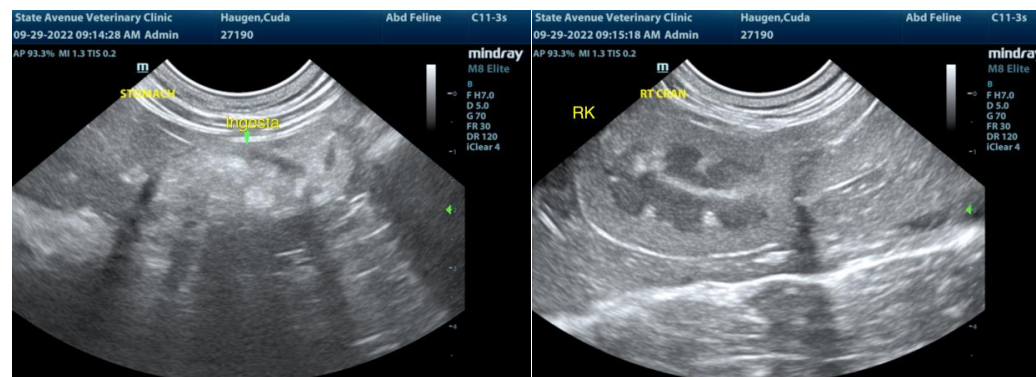
ULTRASONOGRAPHIC FINDINGS

- Overtly normal gastrointestinal tract with moderate gastric and generalized small intestinal ingesta / chyme

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of gastrointestinal structural pathology, as well as no evidence of overt gastrointestinal foreign material or mechanical obstructive pattern. The gastrointestinal ingesta was sonographically consistent with food and correlates with a history of post prandial presentation. Some degree of potential metabolic gastrointestinal hypomotility cannot be definitively excluded.

Documented 12-hour fast with monitoring of gastrointestinal emptying would be reasonable. Continued as-needed hairball therapy is recommended. A canned hydrolyzed diet and gastroprotectant trial, if clinical concern for low-grade gastritis or esophagitis, may prove beneficial.





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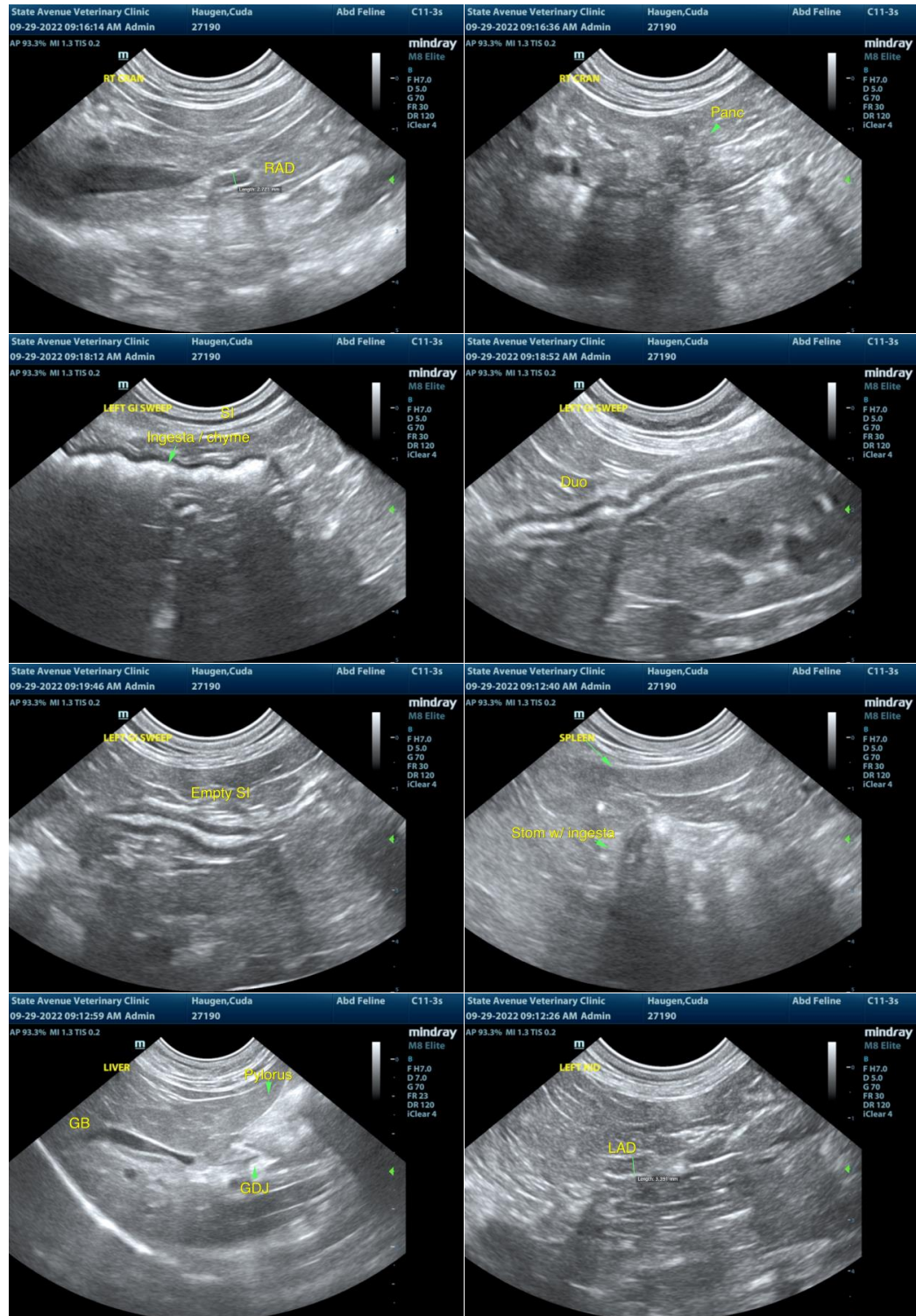
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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