



PATIENT	PRESENTING CLINICAL SIGNS
Vauxhall Maisano	Vauxhall is a thirteen-year-old, MN, DSH cat who was presented 10/6/21 for sudden onset vomiting, diarrhea. He had lost 1.4 lbs. since the last time he was seen in July. His ALT was mildly high (192) so convenia was given. He responded well to cerenia and a convenia injection after 1-2 days. Before this, Vauxhall has had a long history of defecating formed feces as well as urinating outside the box and intermittent vomiting. Novel protein diets have seemed to help sometimes, but owner has switched from prescription to Fussy Cat Quail currently. Fluoxetine has helped the urination out of the box.
SPECIES	
Feline	
BREED	
DSH	
SEX	
MN	
AGE	
13 years	
WEIGHT	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
8.4 lbs.	Urinary System
INTERPRETED BY	The urinary bladder was normal in size and tone. Subtly prominent urinary bladder walls were present, measuring 0.16 cm width. Significant non-dependent particulate echogenic sediment was present. The urethra was normal to a depth of 2.0 cm.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	The area of the aortic trifurcation was free of pathology.
IMAGING PERFORMED BY	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 loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. Subtle areas of increased cortex echogenicity suggestive of minor to micro cortical infarctions were present. The left kidney measured 3.6 cm in length. The right kidney measured 4.1 cm in length.
Dr. Jennifer Todd	Adrenal Glands
HOSPITAL NAME	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.33 cm.
Lamb Gap AH	The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.36 cm.
REFERRING VET	Spleen
Dr. Cynthia Kinney	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.
INVOICE	Liver/ Gallbladder
14211	The liver was normal in size and contour. Uniform subtle increased hepatic parenchyma echogenicity was present with mild coarse echotexture.
DATE	The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.
11/8/21	Gastrointestinal
	The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction, or foreign material. The gastric body wall measured 0.26 cm.



PATIENT

Vauxhall Maisano

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. The duodenum wall measured 0.21 cm. The jejunum wall measured 0.20 cm.

SPECIES

Feline

Normal visible colon wall layers were present with subjective formed to semi-formed feces at the time of the ultrasound. The ileocolic wall measured 0.30 cm.

BREED

DSH

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.

SEX

MN

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

AGE

13 years

Rapid view of the heart revealed no evidence of pericardial masses or effusion in the visible window.

WEIGHT

8.4 lbs.

ULTRASONOGRAPHIC FINDINGS

- Significant non-dependent to particulate urinary bladder sediment, potential for minor cystitis
- Low-grade hepatopathy
- Sonographically unremarkable gastrointestinal tract and colon
- Bilateral mild chronic renal changes with suspect cortical microinfarction

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No overt evidence of gastrointestinal mural pathology. Dietary intolerance/food hypersensitivity and structurally inflammatory bowel are possible. If persistent diarrhea, diarrhea PCR panel as well as GI panel to assess PLI/TLI/cobalamin and folate may be considered for further assessment. The mildly elevated ALT is suggestive of low-grade primary hepatic parenchymal inflammatory process or potential secondary inflammation owing to gastrointestinal insult or inflammation. Novel protein, hydrolyzed or (if available) hydrolyzed urinary diet with as needed gastrointestinal support is recommended. The urinary bladder sediment may suggest cellular / crystalline debris or mucus. Cystocentesis for UA +/- C/S if evidence of inflammatory cells is recommended.

IMAGING PERFORMED BY

Dr. Jennifer Todd

HOSPITAL NAME

Lamb Gap AH

REFERRING VET

Dr. Cynthia Kinney

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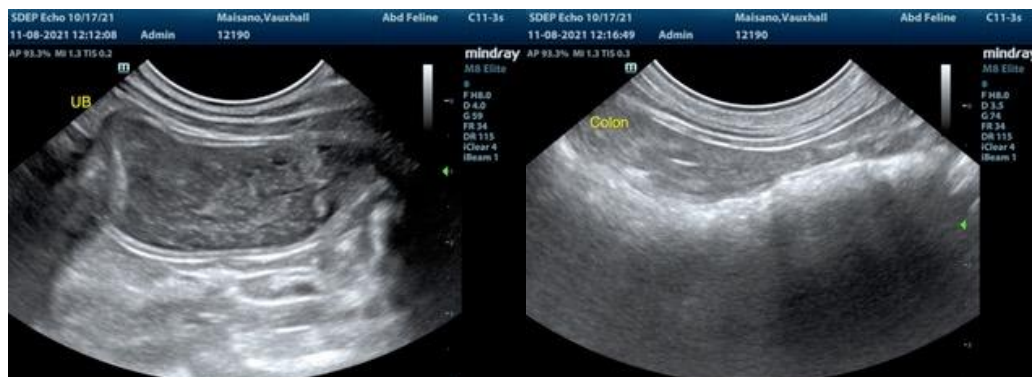
Dr. Cynthia Kinney

INVOICE

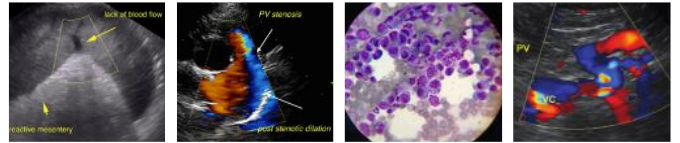
14211

DATE

11/8/21



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



PATIENT

Vauxhall Maisano

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.

SPECIES

Feline

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info@SonoPath.com

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MN

AGE

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WEIGHT

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