



PATIENT	PRESENTING CLINICAL SIGNS
Opie Truman	11/01/2022 - presented for vomiting. Abnormal cPL. Since that time, outpatient treatment and follow up with rDVM for intermittent GI signs. 11/07/2022 - presented for vomiting and hemorrhagic diarrhea. meds:methadone, metronidazole, sucralfate, trazadone, gabapentin, pantoprazole/omeprazole
SPECIES	
Canine	Abnormal PE/Chem/CBC/UA Results: 11/01/2022: moderate thrombocytopenia mild neutrophilia elevated amylase, lipase, cholesterol abnormal cPL Recheck bloodwork 11/06/2022 WNL OP+G pending. rads: 11/01/2022 1. Frothy gas within multiple small intestinal segments may indicate an enteritis, which could be caused by recent diet change. Otherwise, unremarkable abdomen. Other consideration can be given to pancreatitis, if clinically relevant. rDVM recheck rads 11/04/2022 apparently WNL.
BREED	
Cocker X	
SEX	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Intact Male	Urinary System
AGE	The urinary bladder exhibited normal thickness and tone. Primarily anechoic urine was present in the lumen. Mild non-dependent, particulate sediment present, which may indicate mild cellular debris/protein, crystalline debris, or mucus. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic mural changes were noted.
2 Years	No evidence of pathology associated with the prostate gland.
WEIGHT	The area of the aortic trifurcation was free of pathology.
21.7 kg	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 5.3 cm. The right kidney measured 5.7 cm.
INTERPRETED BY	Adrenal Glands
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	Both adrenal glands were isoechoic to adjacent omentum and were overtly normal in size, position, and shape. The right adrenal gland measured 0.63 cm at the caudal pole. The left adrenal gland measured 0.60 cm at the caudal pole.
IMAGING PERFORMED BY	Spleen
Kelly Reschny	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.
HOSPITAL NAME	Liver
Hamilton Region Vet Emergency Clinic	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. The cystic and common bile ducts were normal.
REFERRING VET	Gastrointestinal
Dr. Vercaigne	The stomach presented intact but subjectively mildly prominent wall layering. Gastric body wall measured 0.52 cm. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.
INVOICE	
42591	
DATE	
11/7/22	



PATIENT Opie Truman
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. Duodenum wall measured 0.46 cm. Jejunum wall measured 0.30 cm.

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

BREED *Pancreas*

Canine

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.

BREED

Cocker X

Free Abdomen

SEX

No overt lymphadenopathy or peritoneal effusion was present.

Intact Male

ULTRASONOGRAPHIC FINDINGS

AGE

- Mild gastroenterocolitis pattern
- Sonographically unremarkable pancreas

2 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

Overall, no overt evidence of overt gastroenterocolic mural pathology or evidence of active pancreatitis. At times, the gastroenterocolic and pancreatic presentation may not correlate with present, recurrent or chronic gastrointestinal signs. Potential considerations may include dietary intolerance/food allergy, dysbiosis, occult parasitism pending fecal and giardia testing, IBD, low-grade to chronic pancreatitis (both of which may present sonographically normal), less likely occult Addison's disease.

21.7 kg

INTERPRETED BY

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

Empirically, novel protein or hydrolyze diet trial with likely long-term dietary therapy, empirical deworming (i.e., Panacur 50 mg/kg PO SID) for at least 5 consecutive days with potential repeat protocol in 3 weeks), high colony count probiotic such as Provable, +/- antibiotic trial if clinically indicated may prove beneficial. Assessment of cobalamin and folate levels +/- resting cortisol to rule out occult Addison's disease could be considered.

IMAGING PERFORMED BY

Kelly Reschny

HOSPITAL NAME

Hamilton Region Vet
Emergency Clinic

REFERRING VET

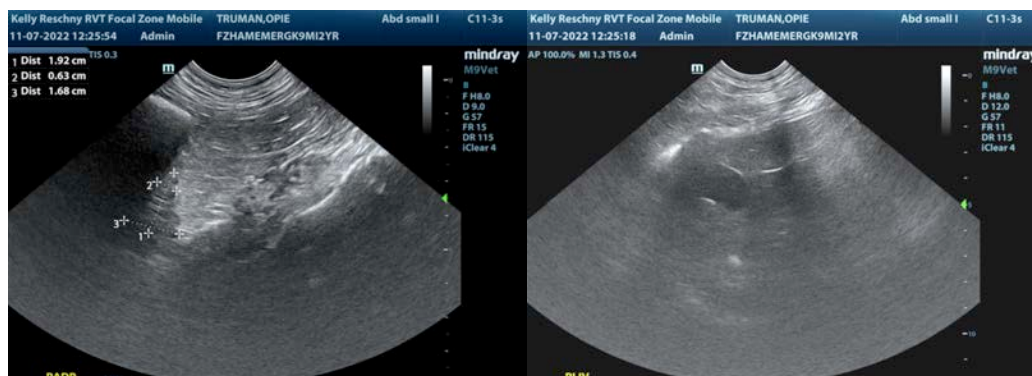
Dr. Vercaigne

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SPECIES

Canine

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Cocker X

SEX

Intact Male

AGE

2 Years

WEIGHT

21.7 kg

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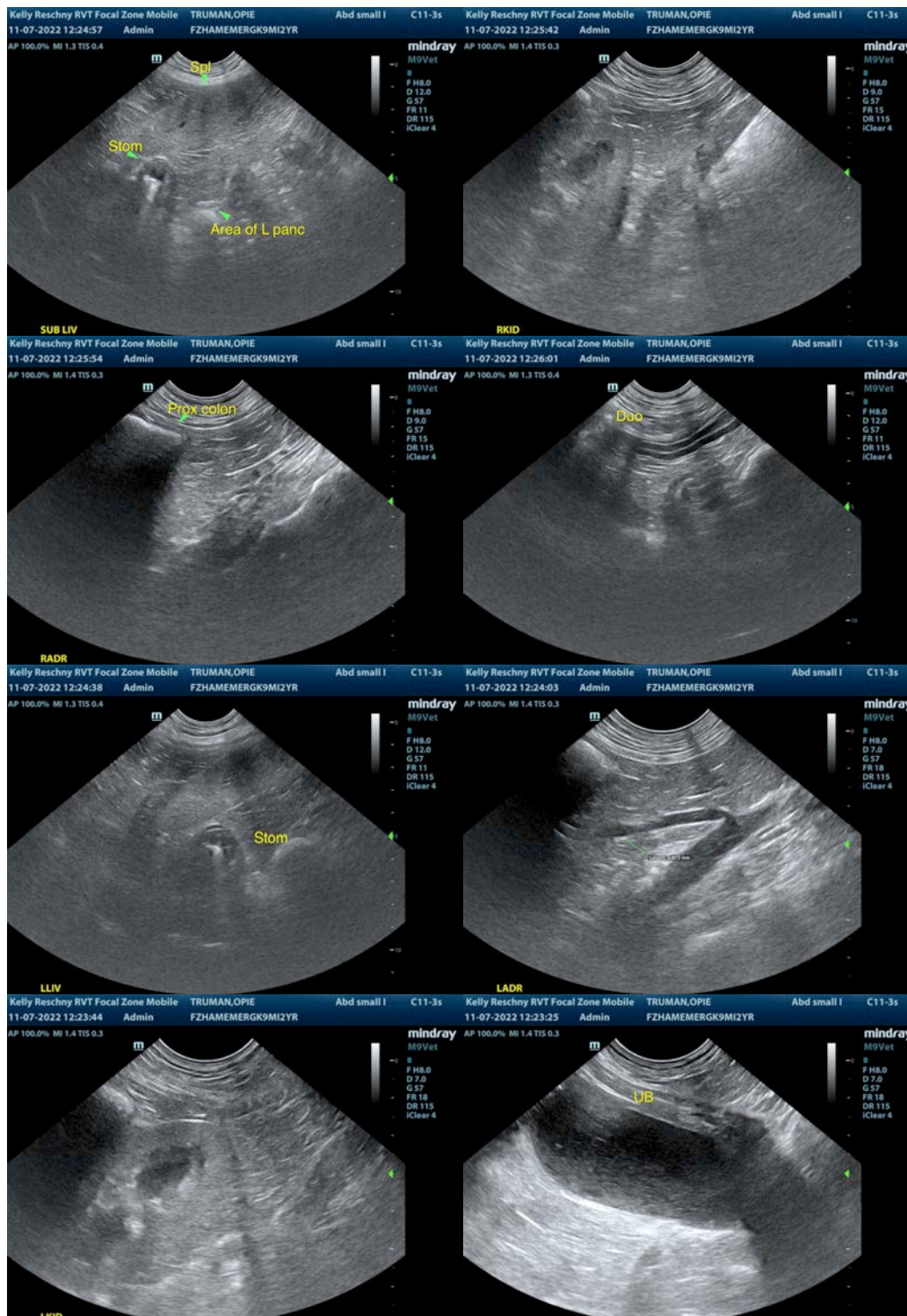
Dr. Vercaigne

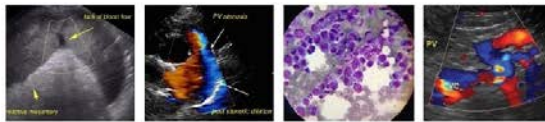
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PATIENT

Opie Truman

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.

SPECIES

Canine

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

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Cocker X

SEX

Intact Male

AGE

2 Years

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