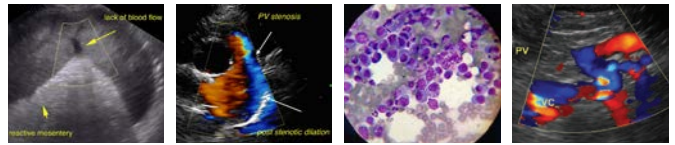


PATIENT	PRESENTING CLINICAL SIGNS
Charlie Pedersen	Clinical signs: Vomited multiple times yesterday. Has not been eating for 2 days and is lethargic. No diarrhea at this time. No hx of FB, raw fish, new food, human food ingestion. Current medications: Simparica Trio
SPECIES	
Canine	Abnormal PE/Chem/CBC/UA Results: Physical exam: No pain on abdominal palpation. Moderate dental tartar. Lost 6.7# since June 2023. Lab work: SNAPCPL abnormal Lymphocytes low 0.89 Platelet low 154 T. bili high 1.1 Remainder of CBC/Chem normal
BREED	
Labrador	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
SEX	Urinary System
Neutered Male	Urinary bladder is only mildly distended. Visible contents are anechoic. Urinary bladder wall is unable to be fully assessed for pathology without further distension. No visible masses or cystoliths are observed. The trigone and visible pelvic urethra are normal thickness with a smooth mucosal surface. If there are urinary signs and/or concern for urinary bladder pathology, reassessment after complete filling is recommended.
AGE	
7 Years 5 Months	Prostate is normal in size, echotexture and echogenicity for a neutered male.
WEIGHT	
74.3 Pounds	The right kidney is normal in size (7.62 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.
INTERPRETED BY	
Beth Johnson, DVM DACVIM	The left kidney is normal in size (7.56 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.
IMAGING PERFORMED BY	Adrenal Glands
Dr. Lucas Budden	The right adrenal gland is normal in size (0.68 cm at the caudal pole), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal. The cranial pole is difficult to fully differentiate in these images.
HOSPITAL NAME	
Frontier Vet Hospital	The left adrenal gland is normal in size (0.57 cm at the cranial pole and 0.58 cm at the caudal pole), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.
REFERRING VET	Spleen
Dr. Lucas Budden	The spleen is subjectively normal in size with a normal smooth capsular contour. Parenchyma is appropriately finely textured and homogenous with normal echogenicity relative to surrounding tissue (hyperechoic to liver). No focal nodules or masses are observed. Splenic vasculature appears normal.
INVOICE	Liver
44901	
DATE	
8/23/23	The liver is subjectively normal in size with normal smooth curvilinear peripheral contour. Parenchyma is appropriately hypoechoic to the spleen in echogenicity and appropriately mildly coarse and homogenous in echotexture. No focal lesions are observed. Visible vasculature and biliary tree appear normal without distension or congestion.



PATIENT

Charlie Pedersen

The gallbladder is non-distended in size. The wall is smooth without visible thickening. Luminal contents are primarily anechoic. There is no evidence of cystic or common bile duct dilation.

Gastrointestinal

SPECIES

Canine

The visible stomach wall is normal in thickness and layering. The lumen of the stomach is mildly distended with very echogenic reverberation artifact from intraluminal gas. There is no evidence of obstruction, foreign material or infiltrative disease; however, complete visualization of far wall is partially inhibited by gas. Pyloric outflow tract appears patent.

BREED

Labrador

The visible small intestines are normal in wall thickness and layering. Bowel is diffusely mildly fluid distended without evidence of an obstructive pattern, plication and/or visible foreign material. Small intestinal hyperperistalsis is noted.

SEX

Neutered Male

The visible colon is normal in wall thickness (< 0.2 cm) and layering. It is moderately fluid distended.

AGE

7 Years 5 Months

Pancreas

The pancreatic parenchyma is appropriately isoechoic to surrounding tissue. Visible capsule is smooth and normal in contour. There is no visible pancreatic duct dilation. There is no evidence of active peripancreatic inflammation.

WEIGHT

74.3 Pounds

Free Abdomen

There is no evidence of free peritoneal effusion noted in these images.

INTERPRETED BY

Beth Johnson, DVM
DACVIM

There is no apparent lymphadenopathy noted in these images.

ULTRASONOGRAPHIC FINDINGS

- **Gastroenteritis with concurrent colitis suspected** – Consistent with irritation secondary to dietary indiscretion or intolerance, infection (bacterial, viral, other), parasitic or protozoal disease, toxin, other metabolic disease such as pancreatitis, other.

IMAGING PERFORMED BY

Dr. Lucas Budden

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

If this is an acute, one time presentation, then supportive/symptomatic medical management of gastroenteritis, possibly dietary indiscretion versus other is recommended in the form of antiemetics, gastroprotectants, if/when diarrhea develops a probiotic such as Visbiome or Provable, empirical deworming with a 5-day course of Panacur, and if tolerated, potentially a short-term course of a bland, easy to digest diet. Fluid therapy as well may be necessary if clinical dehydration is present.

HOSPITAL NAME

Frontier Vet Hospital

If there is any chronicity to this, or these signs have been recurrent, further diagnostic evaluations could include:

REFERRING VET

Dr. Lucas Budden

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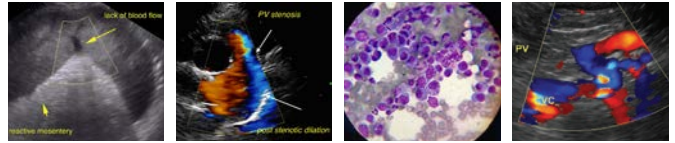
A baseline cortisol is recommended. If baseline cortisol is less than 2, a full ACTH stimulation test is recommended to rule out hypoadrenocorticism.

DATE

8/23/23

A gastrointestinal malabsorption panel (including cobalamin, folate, TLI and PLI) to Texas A&M GI Laboratory is recommended for further evaluation of GI and pancreatic function.

If vomiting persists beyond supportive/symptomatic medical management, recheck imaging or additional imaging, potentially including a barium swallow, could be considered.



PATIENT

Charlie Pedersen

SPECIES

Canine

BREED

Labrador

SEX

Neutered Male

AGE

7 Years 5 Months

WEIGHT

74.3 Pounds

INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

Dr. Lucas Budden

HOSPITAL NAME

Frontier Vet Hospital

REFERRING VET

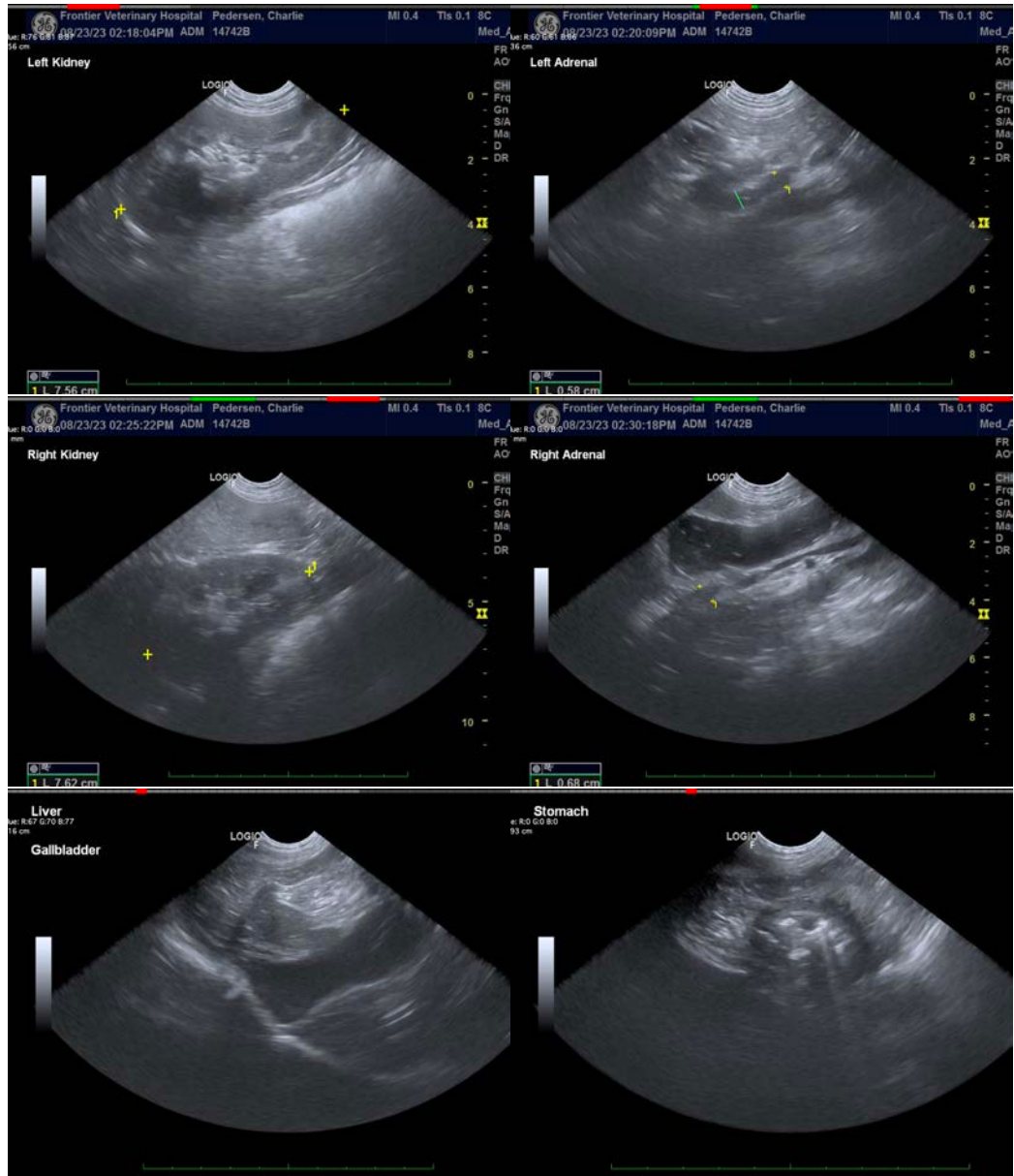
Dr. Lucas Budden

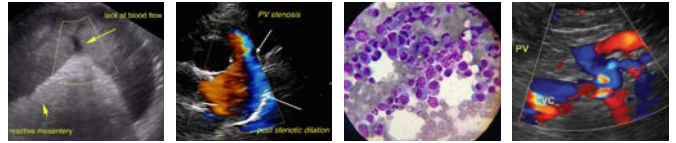
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8/23/23





PATIENT

Charlie Pedersen

SPECIES

Canine

BREED

Labrador

SEX

Neutered Male

AGE

7 Years 5 Months

WEIGHT

74.3 Pounds

INTERPRETED BY

Beth Johnson, DVM
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IMAGING PERFORMED BY

Dr. Lucas Budden

HOSPITAL NAME

Frontier Vet Hospital

REFERRING VET

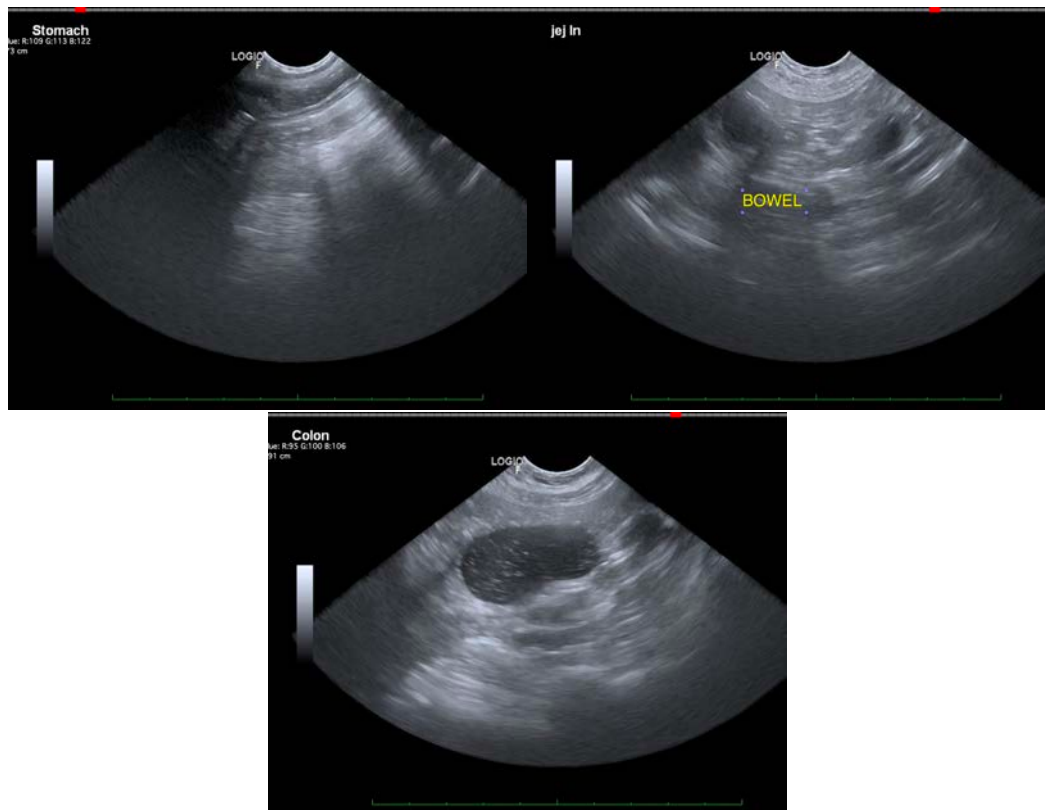
Dr. Lucas Budden

INVOICE

44901

DATE

8/23/23



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.

Beth Johnson, DVM, DACVIM
info@sonopath.com