



PATIENT

Lemon Stein

SPECIES

Canine

BREED

Labrador Retriever

SEX

F/S

AGE

1 year 4 months

WEIGHT

29 kg

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Dave Stasiuk RDMS,
RDCS

HOSPITAL NAME

Alpine 24/7

REFERRING VET

Alpine 24/7

INVOICE

15154

DATE

10/7/22

PRESENTING CLINICAL SIGNS

Lethargy. Anorexia. Bloody diarrhea. Allergies. Hives. Normal labs.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, and cystourethral junction 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 6.5 cm in length. The right kidney measured 6.3 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 0.40 cm width at the caudal pole and 0.39 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 0.53 cm width at the caudal pole.

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 non-distended in size with thin walls and primarily anechoic luminal content. 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 was primarily empty with luminal gas and potential mild ingesta / chyme. No evidence of mechanical pyloric outflow obstruction was noted.

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. Minor segmental nonshadowing ingesta / chyme was noted. No obstructive pattern was evident in the small intestine.

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



PATIENT

Pancreas

Lemon Stein

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.

SPECIES

Canine

Free Abdomen

BREED

Labrador Retriever

No evidence of significant lymphadenopathy, or peritoneal free fluid was noted. A visualized mesenteric lymph node was sonographically normal without evidence of inflammatory or neoplastic criteria.

SEX

ULTRASONOGRAPHIC FINDINGS

F/S

Primary Findings

AGE

- Sonographically unremarkable gastrointestinal tract/colon

1 year 4 months

Secondary Findings

WEIGHT

- Sonographically unremarkable abdomen

29 kg

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

No evidence of abdominal visceral, specifically gastroenterocolic, pathology. Potential for low-grade colitis, which may present as sonographically normal, given the hematochezia, is possible. Likewise, dietary indiscretion / food intolerance, occult parasitism, structurally insignificant inflammatory bowel, low-grade to chronic pancreatitis (both of which may present as sonographically normal) are possible.

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

IMAGING PERFORMED BY

A resting cortisol level to rule out occult Addison's Disease is recommended. Empirically, novel protein or hydrolyzed diet with possible long-term dietary therapy, prophylactic deworming, i.e., Panacur 50 mg/kg SID for 5 consecutive days with potential repeat protocol in 3 weeks (even if fecal testing is negative), high colony count probiotic such as Provable, as-needed GI support, and assessment of clinical response would be reasonable.

Dave Stasiuk RDMS,
RDCS

HOSPITAL NAME

Alpine 24/7

REFERRING VET

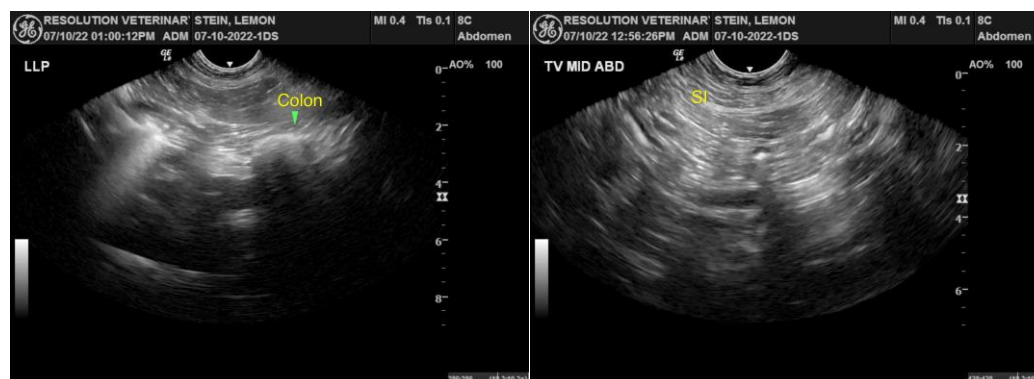
Alpine 24/7

INVOICE

15154

DATE

10/7/22





PATIENT

Lemon Stein

SPECIES

Canine

BREED

Labrador Retriever

SEX

F/S

AGE

1 year 4 months

WEIGHT

29 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dave Stasiuk RDMS,
RDSCS

HOSPITAL NAME

Alpine 24/7

REFERRING VET

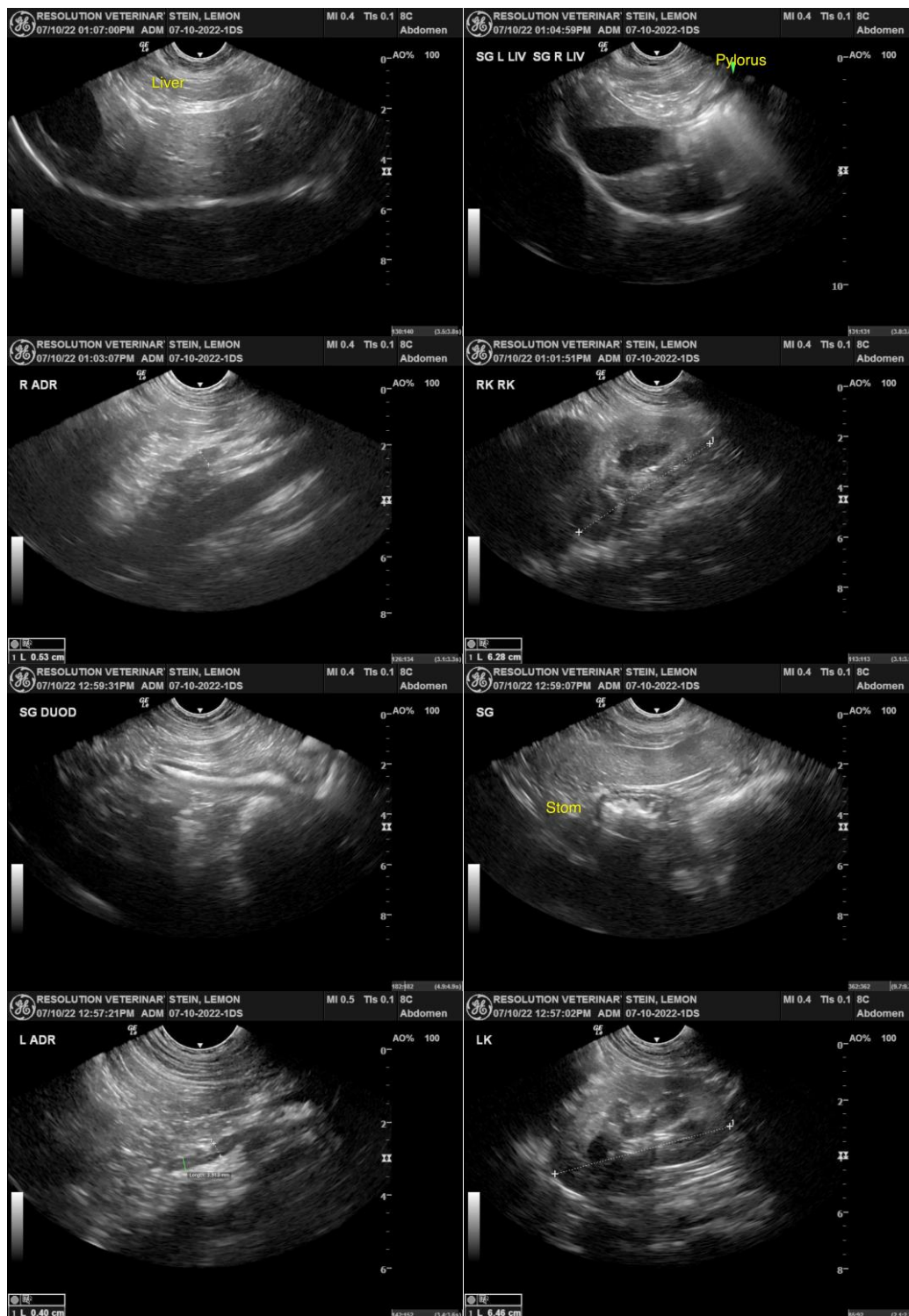
Alpine 24/7

INVOICE

15154

DATE

10/7/22



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.



PATIENT

Lemon Stein

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

Canine

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

BREED

Labrador Retriever

SEX

F/S

AGE

1 year 4 months

WEIGHT

29 kg

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Dave Stasiuk RDMS,
RDMS

HOSPITAL NAME

Alpine 24/7

REFERRING VET

Alpine 24/7

INVOICE

15154

DATE

10/7/22