

**PATIENT**

Layla McCreedy

SPECIES

Canine

BREED

Labrador Ret

SEX

FS

AGE

6 yr

WEIGHT

64

INTERPRETED BYR. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)**IMAGING
PERFORMED BY**

Sarah Pender CVT

HOSPITAL NAME

SVS Imaging QC

REFERRING VET

Dr. Fishbaugher

INVOICE

10918ag

DATE

06/22/2022

PRESENTING CLINICAL SIGNS

History: Layla presented for dental cleaning and to check teeth due to bleeding in the mouth. On bloodwork was found to have an elevated ALP. Recheck of ALP 1 month later showed it decreased slightly but still elevated. No abnormalities found in mouth with dental. Patient is acting fine, good appetite and energy level.

Abnormal PE/Chem/CBC/UA Results: 5/18/22: ALP 721, ALB 4.7, Ca 12.0, RBC 8.7, HGB 19.9, HCT 59.71 (was fasted for dental procedure so likely due to hemoconcentration). 6/15/22: ALP 654

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**Urinary System**

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra 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 were noted.

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 6.6 cm in length. The right kidney measured 6.9 cm in length.

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.51 cm width at the caudal pole and 2.7 cm. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.59 cm width at the caudal pole and 3.0 cm. No evidence of adrenal hyperplasia or tumors.

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

The liver presented enlarged in size. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with 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 contained minor retained anechoic fluid with no signs of ileus, obstruction or foreign material.

**PATIENT**

Layla McCreedy

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.

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

SPECIES

Canine

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 was evident.

BREED

Labrador Ret

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

SEX

FS

ULTRASONOGRAPHIC FINDINGS

- Benign hepatopathy
- Otherwise sonographically unremarkable abdomen

AGE

6 yr

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The overall hepatic presentation is consistent with benign hepatopathy and suggestive of vacuolar hepatopathy changes given the sole ALP elevation. No overt evidence of neoplastic criteria was observed. Hepatosupportive medications including Denamarin +/- Ursodiol due to its antioxidant and immunomodulatory effects in the liver with monitoring of liver enzymes would be reasonable. Hepatic sampling either ultrasound guided FNA or core/surgical biopsy is likely required for a definitive diagnosis. No overt evidence of significant hepatic structural disease was present. No anesthetic contraindications.

WEIGHT

64

INTERPRETED BY

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

IMAGING PERFORMED BY

Sarah Pender CVT

HOSPITAL NAME

SVS Imaging QC

REFERRING VET

Dr. Fishbaugher

INVOICE

10918ag

DATE

06/22/2022



PATIENT

Layla McCreedy

SPECIES

Canine

BREED

Labrador Ret

SEX

FS

AGE

6 yr

WEIGHT

64

INTERPRETED BY

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

IMAGING PERFORMED BY

Sarah Pender CVT

HOSPITAL NAME

SVS Imaging QC

REFERRING VET

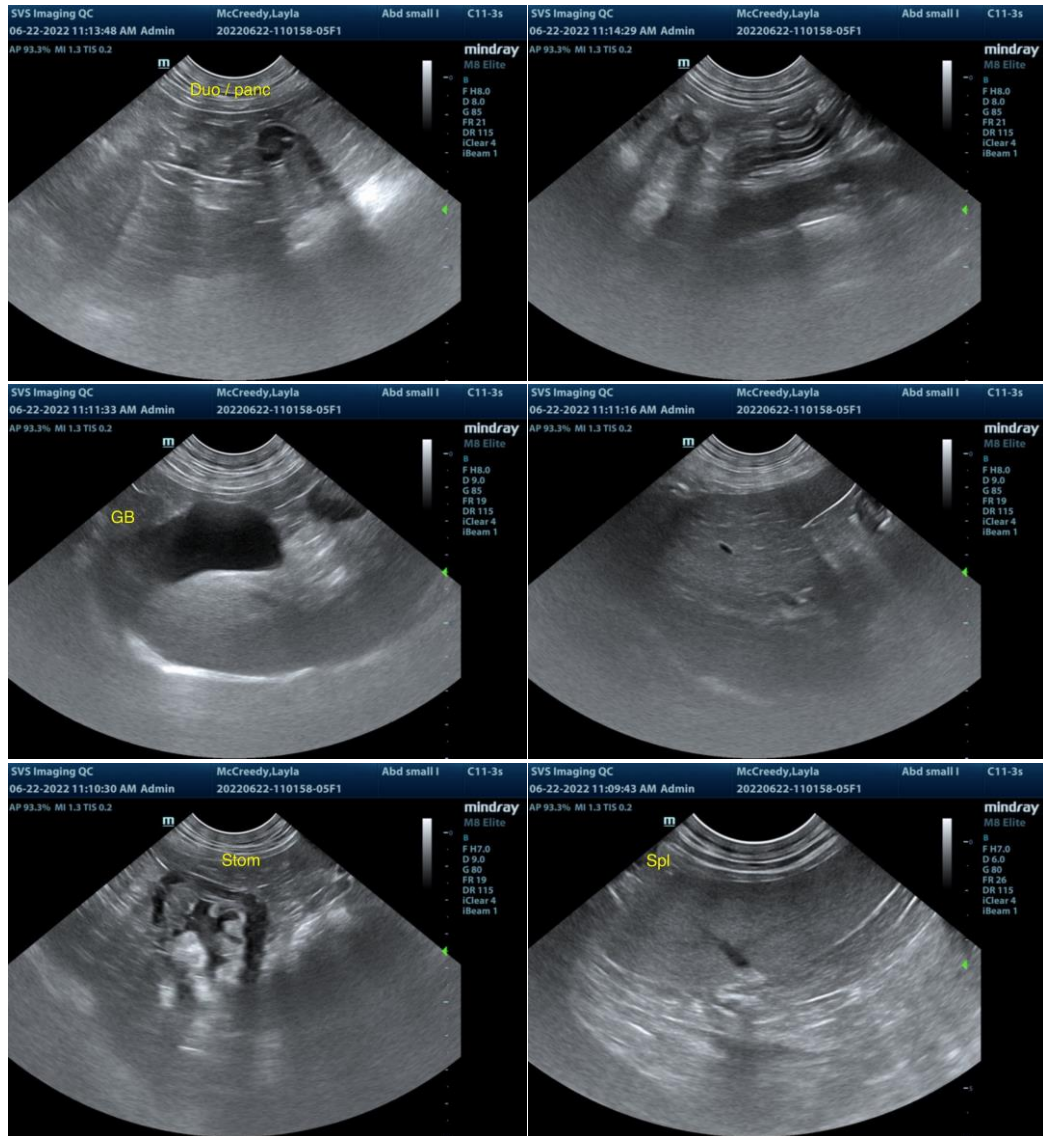
Dr. Fishbaugher

INVOICE

10918ag

DATE

06/22/2022





PATIENT

Layla McCreedy

SPECIES

Canine

BREED

Labrador Ret

SEX

FS

AGE

6 yr

WEIGHT

64

INTERPRETED BY

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

IMAGING PERFORMED BY

Sarah Pender CVT

HOSPITAL NAME

SVS Imaging QC

REFERRING VET

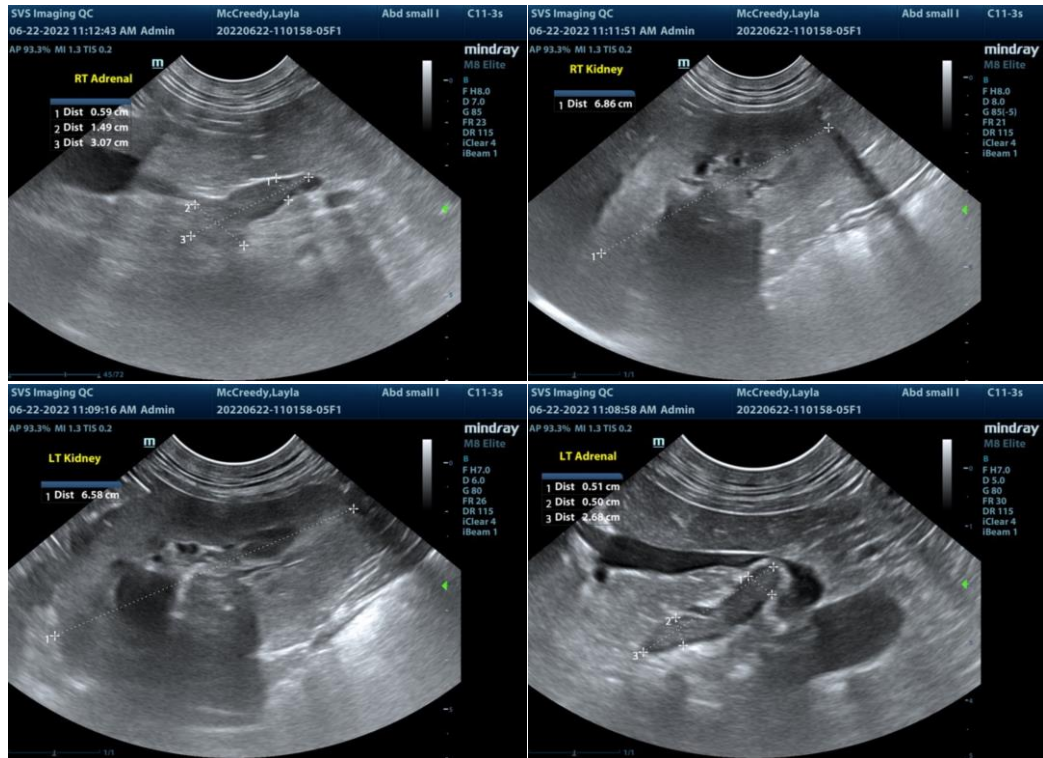
Dr. Fishbaugher

INVOICE

10918ag

DATE

06/22/2022



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