



PATIENT

Jilly Berg

SPECIES

Canine

BREED

Labrador Retriever

SEX

Spayed Female

AGE

13 Years

WEIGHT

72 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Jessie Evoniuk

HOSPITAL NAME

State Ave Vet

REFERRING VET

Dr. Jessie Evoniuk

INVOICE

41662

DATE

9/26/22

PRESENTING CLINICAL SIGNS

Came from West River Vet for abdominal US. HX of DLE and atopic dermatitis. 7/21 melanoma of the lip removed; staging performed. Patchy alopecia present. Current signs of stiffness, weakness in hind, and then acts confused. 5 episodes within 6 days. RO primary liver disease, other liver concerns, microseizures, other

Abnormal PE/Chem/CBC/UA Results: Per rDVM elevated ALT, ALP Sept 21- ALT 158, ALP 523, Chol 321. PLT 486,

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 cm 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.

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 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. The left kidney measured 6.4 cm. The right kidney measured 6.6 cm.

Adrenal Glands

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.59 cm at the cranial pole and 0.58 cm at the caudal pole. The right adrenal gland measured 0.70 cm 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

The liver presented subjective mild enlargement. 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, containing primarily anechoic content. Moderate non-dependent congealed yet non-organized mildly hyperechoic luminal debris present. No evidence of gallbladder or peripheral gallbladder inflammation. The common bile duct as normal.

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild ingesta exhibiting aggressive to focal strong distal acoustic shadowing, likely consistent with recent meal ingestion or post-prandial presentation.



PATIENT

Jilly Berg

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 Retriever

Free Abdomen

No omental masses, lymphadenopathy, or peritoneal free fluid.

SEX

Spayed Female

PRIMARY FINDINGS

- Non-specific hepatopathy – subjectively benign.
- Moderate congealed gallbladder (non-mucocele)
- Mild age related renal changes
- Sonographically unremarkable bilateral adrenal glands

AGE

13 Years

SECONDARY FINDINGS

- Gastric ingesta

WEIGHT

72 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

Eric Lindquist, DMV

The overall appearance of the liver was non-specific yet sonographically consistent with benign hepatopathy. Considerations may include vacuolar hepatopathy and non-obstructive cholestasis, given the ALP elevation, with potential for primary or concurrent inflammatory/immune mediated parenchymal disease i.e., non-specific hepatitis given the ALT elevation. No overt evidence of adrenal hyperfunction, given the normal adrenal presentation and lack of reported clinical signs.

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Jessie Evoniuk

Bile acid test could be considered, given potential neurological episodes, although hepatic functionality is likely normal if normal BUN, glucose, cholesterol, and albumin levels. Screening hepatic FNA cytology could be considered, primarily to assess for evidence of inflammatory cells. No overt evidence of hepatic neoplastic or metastatic criteria, as well as no evidence of hepatocutaneous syndrome.

HOSPITAL NAME

State Ave Vet

Hepatosupportive medications may prove beneficial.

REFERRING VET

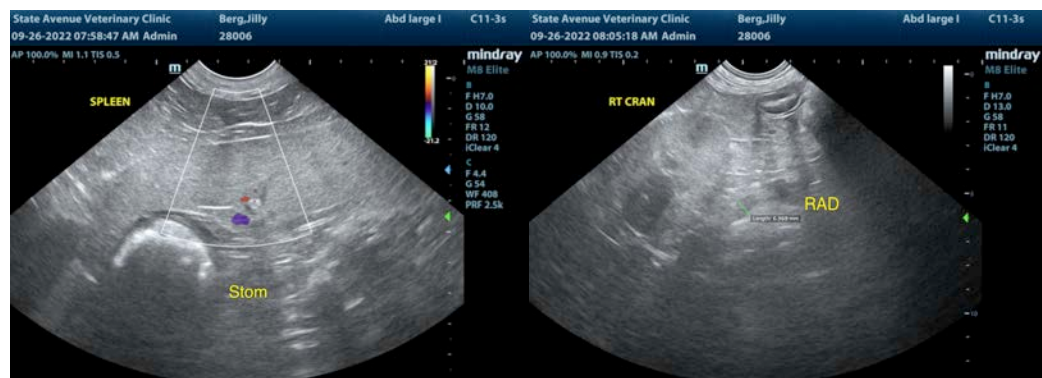
Dr. Jessie Evoniuk

INVOICE

41662

DATE

9/26/22





PATIENT

Jilly Berg

SPECIES

Canine

BREED

Labrador Retriever

SEX

Spayed Female

AGE

13 Years

WEIGHT

72 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Jessie Evoniuk

HOSPITAL NAME

State Ave Vet

REFERRING VET

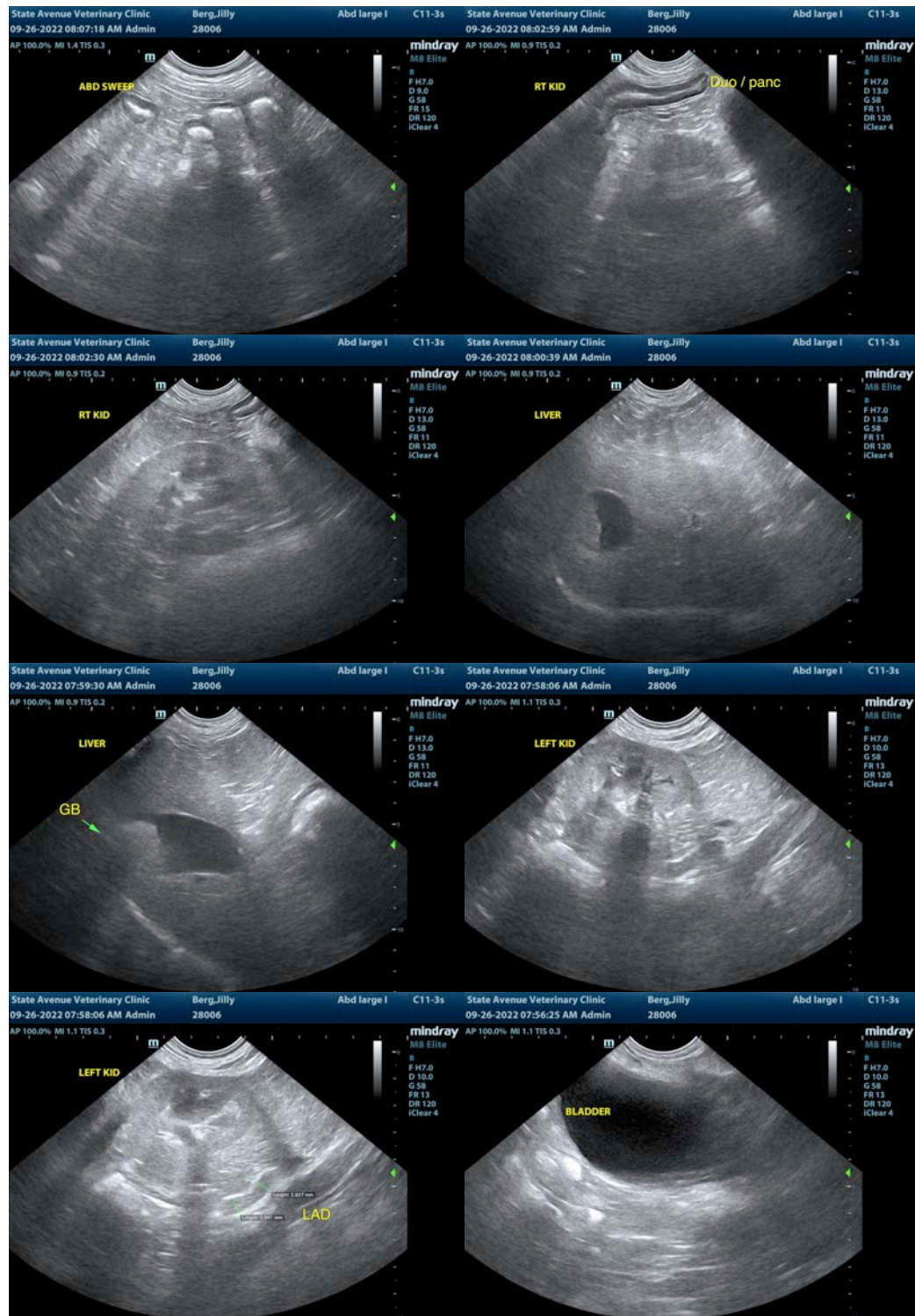
Dr. Jessie Evoniuk

INVOICE

41662

DATE

9/26/22





PATIENT

Jilly Berg

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)

BREED

Labrador Retriever

info@SonoPath.com

SEX

Spayed Female

AGE

13 Years

WEIGHT

72 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Jessie Evoniuk

HOSPITAL NAME

State Ave Vet

REFERRING VET

Dr. Jessie Evoniuk

INVOICE

41662

DATE

9/26/22