

PATIENT

Umbro Lewis

PRESENTING CLINICAL SIGNS

Unremarkable Survey abdominal US

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Mild elevation in ALT otherwise unremarkable

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Labrador Retriever

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.

SEX

MN

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 6.9 cm in length. The right kidney measured 6.8 cm in length.

AGE

7.5yr

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

WEIGHT

34.7kg

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.54 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.43 cm width at the caudal pole and 0.33 cm width at the cranial pole.

INTERPRETED BY

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

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.

IMAGING PERFORMED BY

Dr. Westcott

Liver/Gallbladder

HOSPITAL NAME

Dr. Alastair Westcott

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. Discrete increased prominence of portal vascular borders were present. 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 with mild echogenic luminal debris. No evidence of gallbladder or peripheral gallbladder inflammation was present. The cystic and common bile ducts were normal.

REFERRING VET

Dr. Westcott

Gastrointestinal

INVOICE

12738ag

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.

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.

DATE

01/22/2023

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



PATIENT

Pancreas

Umbro Lewis

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.

SPECIES

Canine

Free Abdomen

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

BREED

Labrador Retriever

ULTRASONOGRAPHIC FINDINGS

- Sonographically unremarkable liver-low grade inflammatory hepatopathy possible
- Mild gallbladder debris (non-mucocele)

SEX

MN

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overall, there is no overt evidence of significant abdominal visceral pathology. Assuming normal clotting status and using a 25g needle, a hepatic FNA for screening cytology could be considered for identification of inflammatory cell type if present. Given reported mild ALT elevation without evidence of hepatic or vascular abnormalities, continued monitoring of ALT levels with potential hepatosupportive medications would be reasonable. If progressive ALT elevation, a recheck sonogram or surgical/core biopsy may be considered for further assessment.

WEIGHT

34.7kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Westcott

HOSPITAL NAME

Dr. Alastair Westcott

REFERRING VET

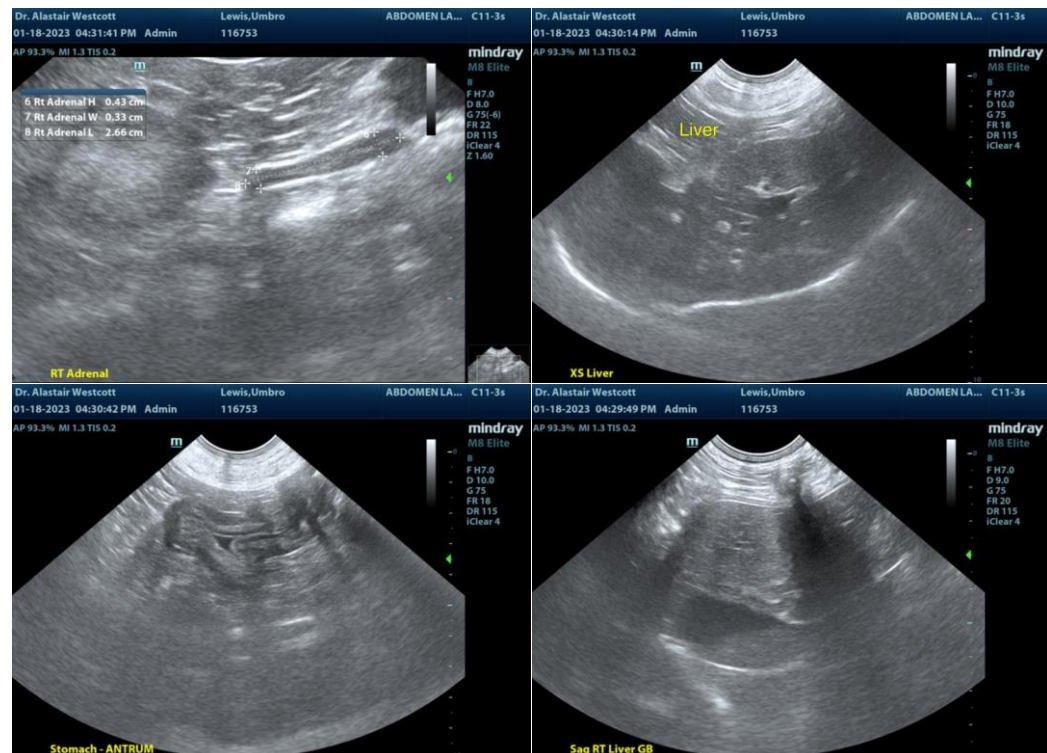
Dr. Westcott

INVOICE

12738ag

DATE

01/22/2023





PATIENT

Umbro Lewis

SPECIES

Canine

BREED

Labrador Retriever

SEX

MN

AGE

7.5yr

WEIGHT

34.7kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Westcott

HOSPITAL NAME

Dr. Alastair Westcott

REFERRING VET

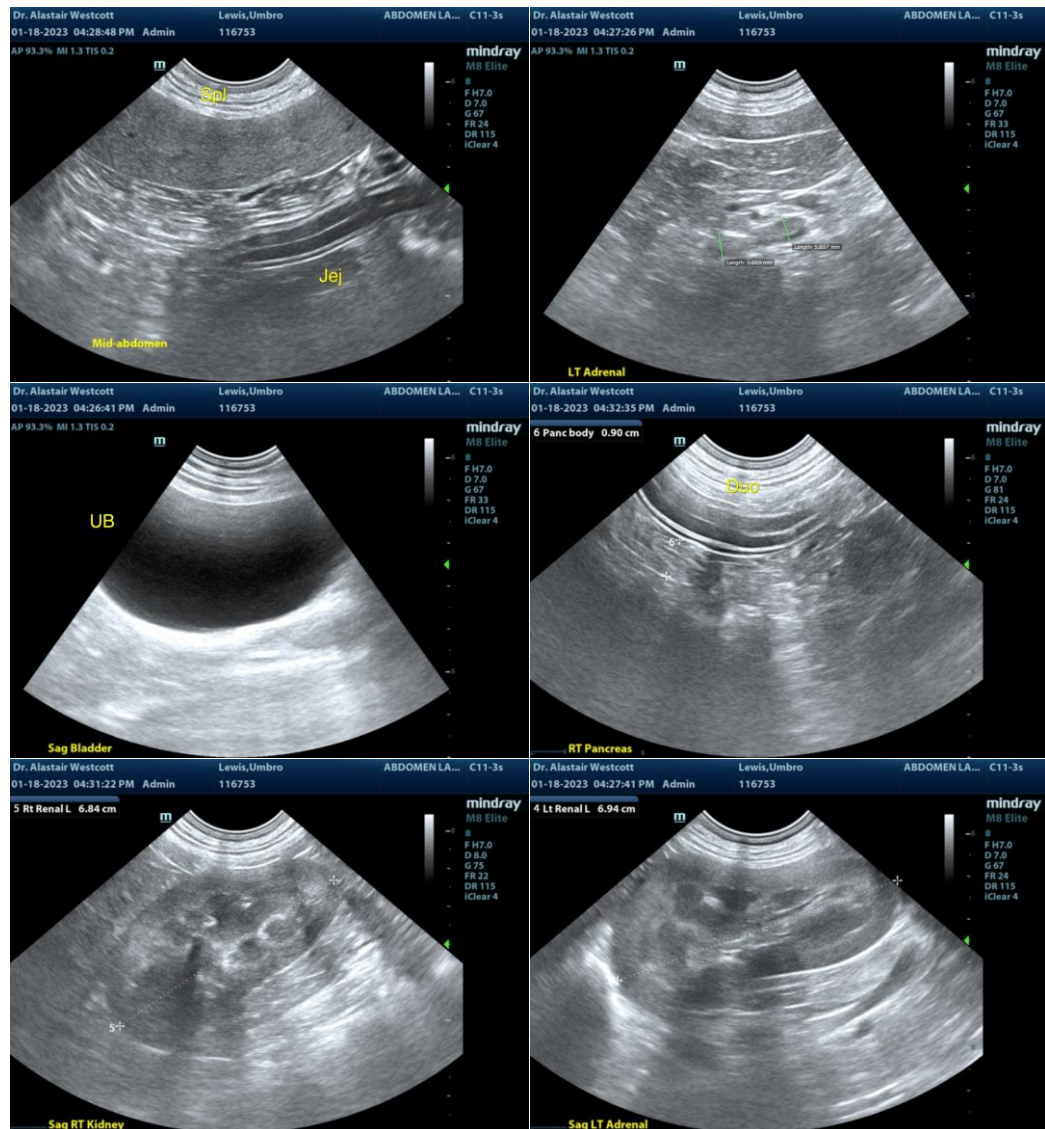
Dr. Westcott

INVOICE

12738ag

DATE

01/22/2023



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)
mac.daniel@sonopath.com