



PATIENT

Levi Hillard

PRESENTING CLINICAL SIGNS

Patient presented for panting and concerns of getting older wanted diagnostics to r/o something wrong

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: CBC/chem/t4 - wnl Chest rads - unremarkable

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Golden 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 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 7.0 cm in length. The right kidney measured 7.6 cm in length.

AGE

12yr

The area of the aortic trifurcation was free of pathology.

WEIGHT

88lb

The area of the residual prostate appeared normal and free of pathology.

Adrenal Glands

The bilateral adrenal glands were normal in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The left adrenal gland measured 0.78 cm width in the cranial pole and 0.78 cm width in the caudal pole. The right adrenal gland measured 0.67 cm width in the caudal pole.

INTERPRETED BY

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

Spleen

The spleen exhibited normal to borderline enlarged size with primarily symmetrical contour and subtle areas of medial capsule asymmetry. Mild heterogenous parenchyma with intermittent subtle hypoechoic nodules were present, an example measuring 1.3 cm in diameter. No splenic mass. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis.

IMAGING PERFORMED BY

Mack

Liver/Gallbladder

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.

HOSPITAL NAME

Northside Veterinary
Clinic

REFERRING VET

Mack

Gastrointestinal

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.

INVOICE

14588ag

DATE

08/11/2023



PATIENT

Levi Hillard

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

Golden Retriever

Free Abdomen

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

SEX

MN

ULTRASONOGRAPHIC FINDINGS

AGE

12yr

- Mild heterogenous spleen with intermittent nodules-subjective benign, suspect benign splenic changes, hyperplasia, hematopoiesis, focal splenitis, or similar. Early infiltrative neoplasia thought less likely.
- Mild hepatic parenchymal remodeling.
- Mild chronic renal changes.
- Normal bilateral adrenal glands.

WEIGHT

88lb

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

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

Largely a mild geriatric abdomen with no overt evidence of significant abdominal visceral pathology. The bilateral adrenal glands and liver are not overtly consistent with Cushing's syndrome criteria in conjunction with no reported PU/PD.

IMAGING PERFORMED BY

Mack

Assuming normal clotting status and using a 25g needle, splenic and accessible nodule FNA for screening cytology could be considered for further assessment. Sonographic monitoring of the spleen for evidence of progressive parenchymal or nodular changes with initial recheck in 4-6 weeks would be reasonable.

HOSPITAL NAME

Northside Veterinary
Clinic

REFERRING VET

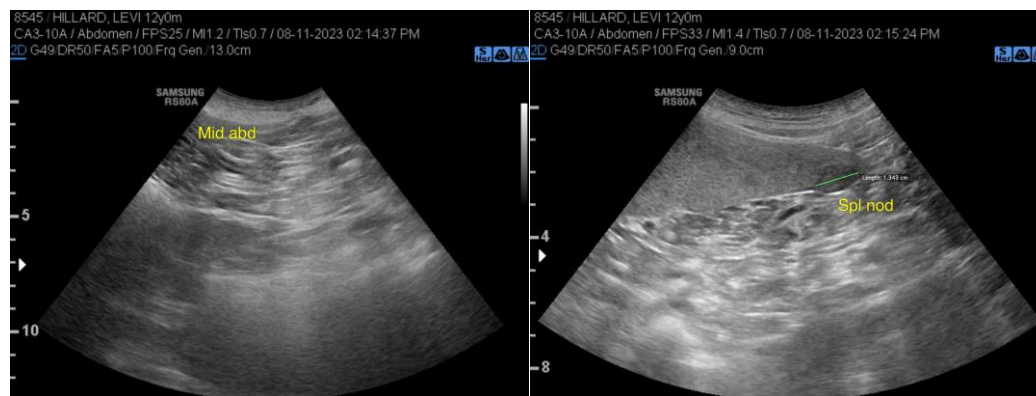
Mack

INVOICE

14588ag

DATE

08/11/2023





PATIENT

Levi Hillard

SPECIES

Canine

BREED

Golden Retriever

SEX

MN

AGE

12yr

WEIGHT

88lb

INTERPRETED BY

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

IMAGING PERFORMED BY

Mack

HOSPITAL NAME

Northside Veterinary
Clinic

REFERRING VET

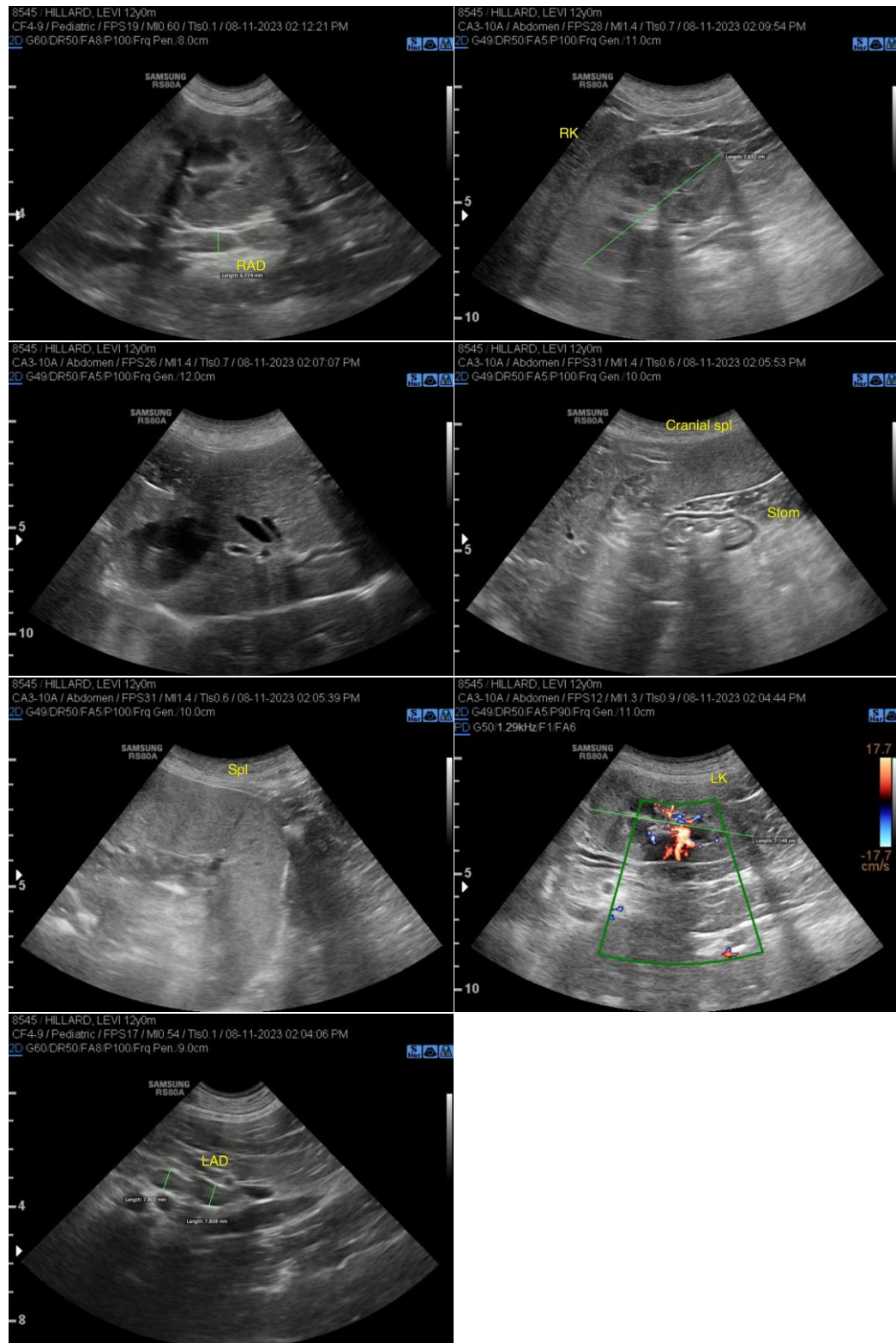
Mack

INVOICE

14588ag

DATE

08/11/2023





PATIENT

Levi Hillard

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.

BREED

Golden Retriever

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

SEX

MN

AGE

12yr

WEIGHT

88lb

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Mack

HOSPITAL NAME

Northside Veterinary
Clinic

REFERRING VET

Mack

INVOICE

14588ag

DATE

08/11/2023