



PATIENT

Lexi Garrett

SPECIES

Canine

BREED

Labrador Retriever
Mix

SEX

SF

AGE

8 years

WEIGHT

90.4 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Jasmine Palacios
SDEP Attendee

HOSPITAL NAME

Rivers Edge Pet
Medical Center

REFERRING VET

Dr. Stern

INVOICE

14179

DATE

6/30/22

PRESENTING CLINICAL SIGNS

P presented for vaccines and history of stiffness/pain/reduced mobility. BAR, mm p/m, moderate tarter, lenticular sclerosis, left ear canal erythematous and stenotic, no debris, R ear NSF, H/L WNL, oragnomegaly palpated cr. abdomen, no obv. mass palpated, mild to moderate crepitus in joints esp LF and stifles, multiple diffuse soft SQ growths. Currents meds: Rimadyl prn and Posatex (last dose should be 6/20/22)

Abnormal PE/Chem/CBC/UA Results: See attached labs: CBC, CHEM, T4 WNL except: BUN 35 (7-32) Calcium 11.1 (9-11; note this value often comes back mildly elevated from this lab, and is WNL when rechecked with other lab/in-house. Have not rechecked yet) Alk Phos 1035 (8-196) See attached radiograph: prominent spleen, possible splenomegaly

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 was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and minor loss of corticomedullary border demarcation, suggestive of minor to early age-related renal changes. No evidence of pelvic dilation was present. The left kidney measured 7.0 cm in length. The right kidney measured 7.5 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 2.5 cm length x 0.67 cm width at the caudal pole. The right adrenal gland was indistinctly visualized owing to patient size and conformation, yet without overt pathology subjectively measuring 0.55 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 presented borderline to mildly 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.



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The gallbladder was non-distended in size with primarily anechoic luminal content. The cystic and common bile ducts were normal.

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Gastrointestinal

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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.

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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.

SEX

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

SF

Pancreas

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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.

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Free Abdomen

No omental masses, lymphadenopathy or peritoneal free fluid was present.

ULTRASONOGRAPHIC FINDINGS

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- Vacuolar hepatopathy pattern - benign
- Normal spleen
- Early minor age-related kidneys

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overall, no overt evidence of significant visceral pathology with minor age-related changes present. No evidence of hepatosplenic pathology was evident.

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The elevated Alk Phos is suggestive of benign vacuolar hepatic changes. Hepatosupportive medications including Denamarin and Ursodiol may prove beneficial. No evidence of Intraabdominal neoplastic criteria was noted.

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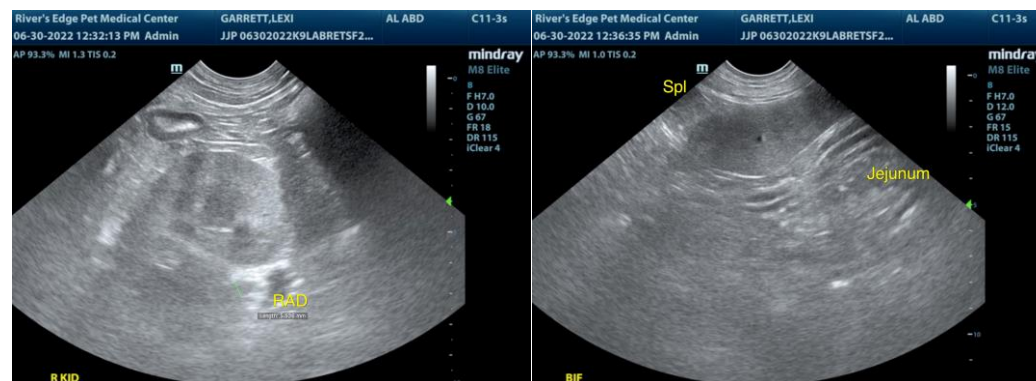
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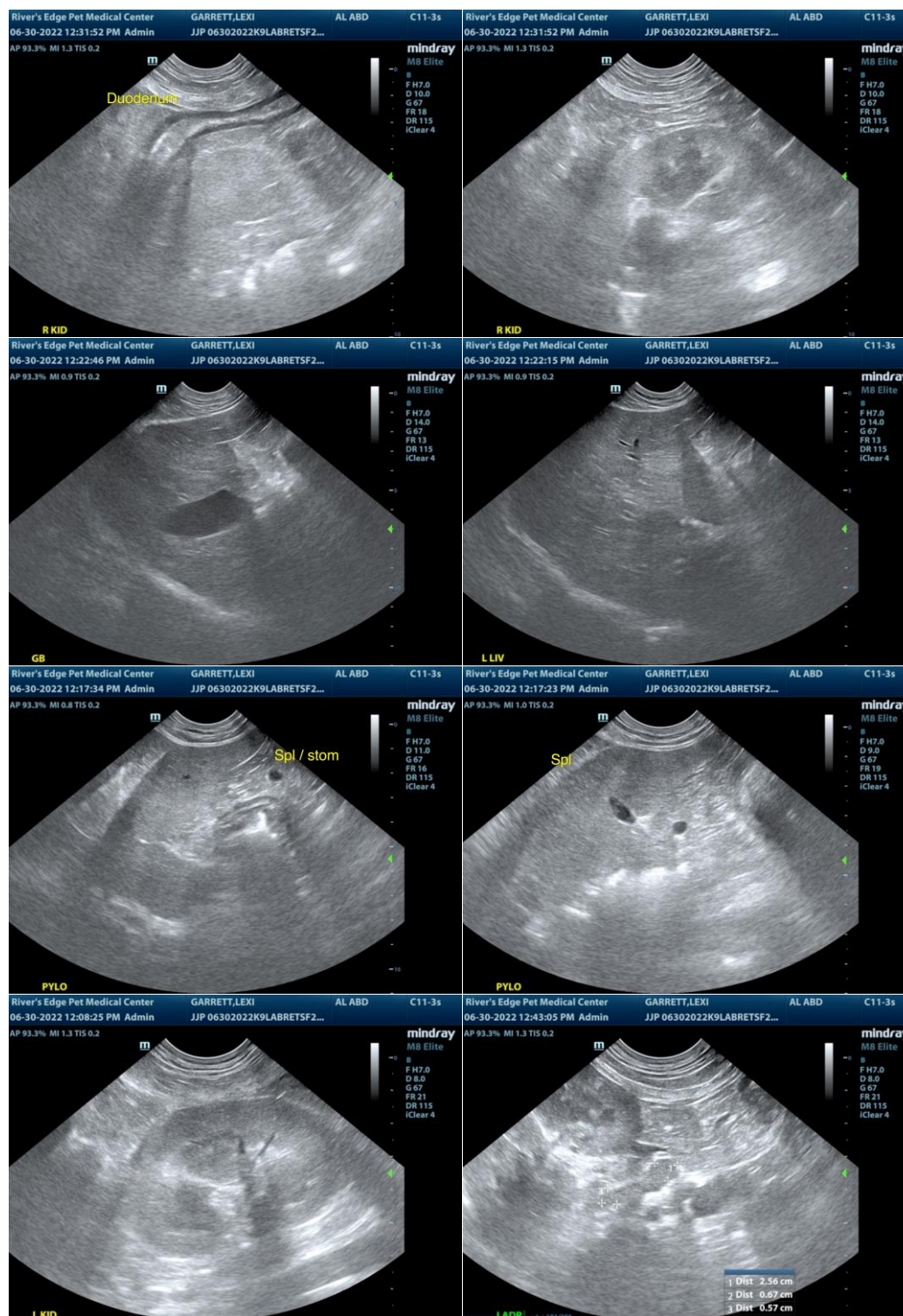
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



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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.

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info@SonoPath.com

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