



PATIENT

Izzy Mauer

PRESENTING CLINICAL SIGNS

Labrador Retriever

SPECIES

Canine

History: Azotemia, pu/pd, resolved anorexia. Current meds: Unasyn 0.2mg/kg; Cerenia 1mg/kg

Abnormal PE/Chem/CBC/UA Results: Creat 3; BUN 63.5 ; USG 1.018

BREED

Labrador Retriever

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra exhibited normal thickness and tone. Mild asymmetrical luminal surface to minor micropolypliod changes were present in the apical bladder wall likely associated with age related mural changes. The apical urinary bladder wall measured 0.52 cm in width. 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

FS

AGE

11yr

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 to moderate loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. Bilateral areas of pinpoint medullary mineral were present. The left kidney measured 6.3 cm in length. The right kidney measured 6.9 cm in length.

WEIGHT

82.5lb

Adrenal Glands

The bilateral adrenal glands were overtly normal in size, position and shape. The left adrenal gland measured 2.3 cm length and 0.73 cm width at the cranial pole. The right adrenal gland measured 2.2 cm length and 0.59 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

Shari Reffi CVT

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 and mild echogenic non-organized sediment. The cystic and common bile ducts were normal.

HOSPITAL NAME

Newton Vet

REFERRING VET

Harris

Gastrointestinal

INVOICE

14698ag

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild lumen gas and no signs of ileus, obstruction or foreign material.

DATE

08/22/2023



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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.

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

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Free Abdomen

No omental masses or peritoneal effusion was present.

SEX

FS

Intermittent mildly prominent to enlarged mesenteric and medial iliac nodes were present. The lymph nodes were mildly non-homogenous to focally cystic without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5).

AGE

11yr

ULTRASONOGRAPHIC FINDINGS

- Mild to moderate chronic renal changes.
- Mild micropolyploid apical urinary bladder changes- benign.
- Mild hepatic parenchyma remodeling.
- Mild gallbladder sediment.
- Sonographically unremarkable GI tract.

WEIGHT

82.5lb

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(Canine and Feline)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered. Overall, largely a geriatric abdomen no overt evidence of significant abdominal visceral pathology. No evidence of intra-abdominal neoplastic criteria. No evidence of overt hepatic or adrenal pathology was visualized. CKD therapy pending additional renal work up and as needed GI support is recommended.

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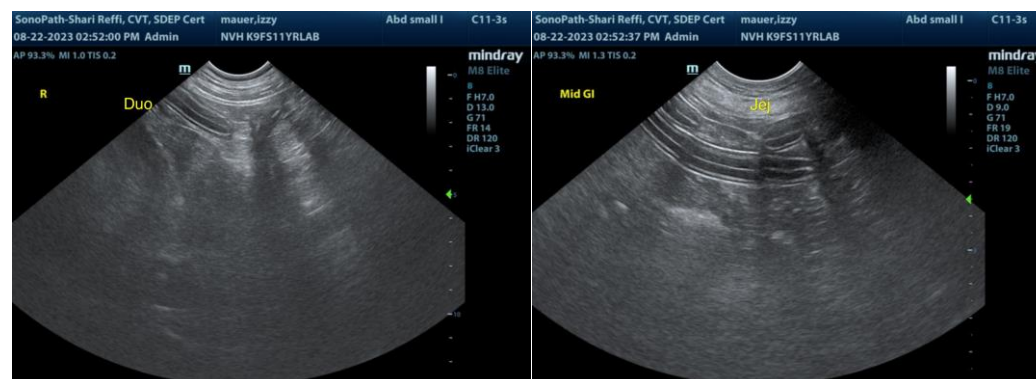
Harris

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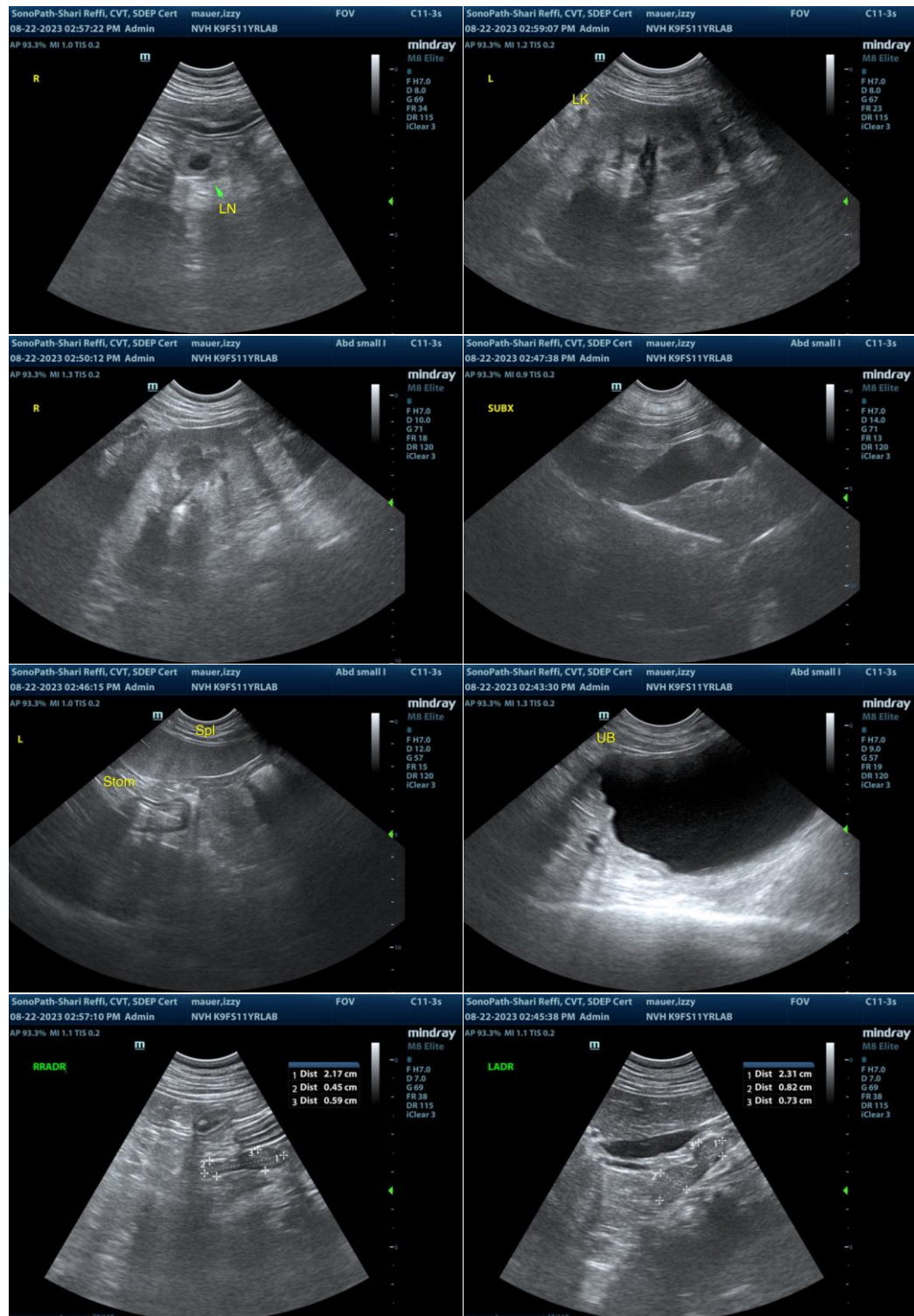
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

Labrador Retriever

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info@sonopath.com

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