



PATIENT

Chico Reed

SPECIES

Canine

BREED

Beagle

SEX

MN

AGE

14 years

WEIGHT

35 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Sorbo

HOSPITAL NAME

Mill Brook Animal
Clinic - VBF

REFERRING VET

Dr. Sorbo

INVOICE

17150

DATE

6/22/23

PRESENTING CLINICAL SIGNS

Eyelid laceration. Abnormal pre-op AlkP level. Not PUPD, no other concerns.

Abnormal PE/Chem/CBC/UA Results: Fully sedated. during the scan. AlkP 932 U/L, the remainder of testing wnl.

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 was noted.

The residual prostate was free of pathology.

No evidence of pathology in the area of the aortic trifurcation.

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. The left kidney measured 4.9 cm in length. The right kidney measured 5.7 cm in length.

Adrenal Glands

The bilateral adrenal glands were normal in size based on caudal pole width measurement in light of body weight. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The left adrenal gland measured 0.47 cm width at the caudal pole and 0.51 cm width at the cranial pole. The right adrenal gland measured 0.57 cm width at the caudal pole and 0.74 cm width at the cranial pole. No adrenal tumors were noted.

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 exhibited mild to moderately enlarged 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 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. 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 contained mild, nonshadowing ingesta consistent with food without signs of 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.

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

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Pancreas

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The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum, consistent with age-related pancreatic changes and incidental. No signs of active inflammation or neoplasia.

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Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

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ULTRASONOGRAPHIC FINDINGS

- Benign hepatopathy - sonographically suggestive of vacuolar hepatopathy
- Sonographically normal gallbladder
- Mild to moderate chronic renal changes
- Sonographically normal bilateral adrenal glands

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Largely geriatric abdomen without evidence of significant pathology. No anesthetic contraindications. Hepatosupportive medications including Denamarin +/- Ursodiol, due to its antioxidant and immunomodulatory effects within the liver, may prove beneficial. No evidence of neoplastic criteria was present.

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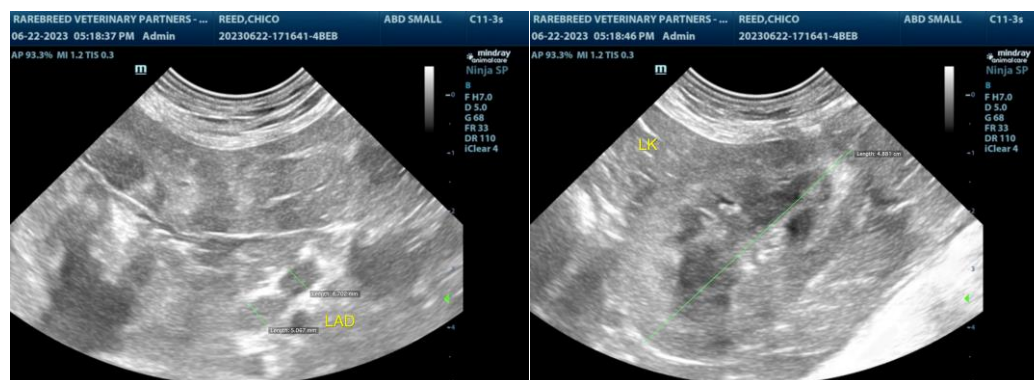
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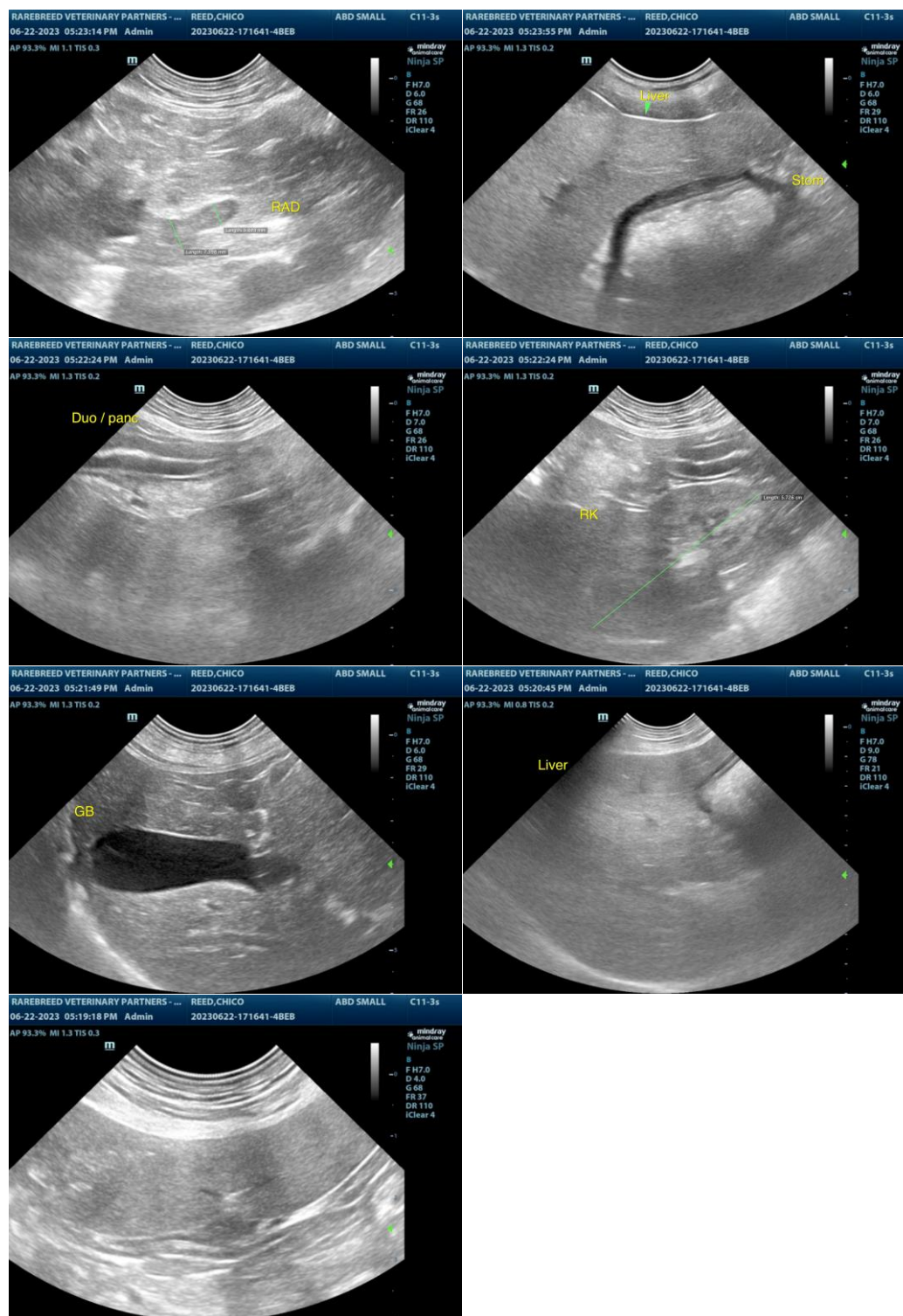
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



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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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