



PATIENT

Ruby Willis

SPECIES

Canine

BREED

Pit Bull

SEX

Spayed Female

AGE

10 Years 7 Months

WEIGHT

72 lbs

INTERPRETED BY

Greg Kuhlman, DVM,
DACVIM (SAIM)

IMAGING PERFORMED BY

Dr. Striano-Kaplan

HOSPITAL NAME

Ramsey Veterinary
Hospital

REFERRING VET

Dr. Striano-Kaplan

INVOICE

73065

DATE

2/16/26

PRESENTING CLINICAL SIGNS

Limping on front limbs for about 2 weeks, no improvement on meds, currently on carprofen 75mg 1tBID, amantadine 100mg 1cSID, levothyroxine 0.8mg 1tSID.

Abnormal PE/Chem/CBC/UA Results: PE: hx of bilateral TPLO, overweight, hypothyroid cranial organomegaly, decreased ROM elbows, stifles ALP 1305 5 - 160 U/L HIGH RETIC HGB 23.5 23.8 - 28.3 pg LOW PLATELET 420 120 - 412 K/uL HIGH EOSINOPHIL 113 141 - 1927 /uL LOW LDDS pre 2.2, 4 hr post 0.4, 8 hr post 3.2

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The bladder is moderately distended with anechoic urine. No uroliths are seen. The bladder wall is normal in appearance and thickness. No masses are seen.

The right kidney presents normal size (7.6 cm) with normal shape and architecture. Normal corticomedullary distinction. No pyelectasia, ureteral dilation or nephrolithiasis.

The left kidney presents normal size (6.9 cm) with normal shape and architecture. Normal corticomedullary distinction. No pyelectasia, ureteral dilation or nephrolithiasis.

Adrenal Glands

The caudal pole of the right adrenal gland is seen, measuring 8.0 mm in width, which is enlarged. The cranial pole is not clearly observed.

The left adrenal gland is diffusely enlarged, measuring 8.8 mm at the cranial pole and 7.9 mm at the caudal pole.

Spleen

The spleen is normal in size, shape, margination and echogenicity. No masses are seen.

Liver

The liver is diffusely enlarged and hyperechoic. No lesions or masses are seen. Intrahepatic bile ducts are normal. Normal vascular pattern.

The gallbladder presents normal size with anechoic contents. Normal gallbladder wall. No evidence of bile duct distention or obstruction.

Gastrointestinal

The stomach and intestines have normal wall layering and thickness. Colon contains normal contents with normal wall thickness.

Pancreas

The visible pancreas is normal in size with normal echogenic parenchyma and surrounded by normal peri-pancreatic mesentery.



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Free Abdomen

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There are no enlarged abdominal lymph nodes seen on this exam. No free abdominal fluid is seen.

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ULTRASONOGRAPHIC FINDINGS

- Bilateral adrenomegaly – most consistent with the patient’s low-dose Dexamethasone suppression test results, which confirms hyperadrenocorticism. Based on this ultrasound, pituitary dependent hyperadrenocorticism is suspected.
- Enlarged, hyperechoic liver – Consistent with a vacuolar hepatopathy. The patient does have an elevated ALP, which corroborates the finding of Cushing’s and enlarged, hyperechoic liver. The liver finding is also supportive of a diagnosis of hyperadrenocorticism. Less likely the changes seen with the liver are due to infiltrative neoplasia.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Recommend starting Trilostane at approximately 1 mg/kg by mouth every 12 hours. Recheck ACTH stimulation test every two weeks until excellent control of hyperadrenocorticism is achieved. Given that the patient does have hyperadrenocorticism, another recommendation would be to discontinue the Carprofen at this time, as it could potentially cause GI upset or ulcerations. If additional analgesics are needed for the patient’s reported limping, I would recommend using Gabapentin in this case. No cause for the patient’s limping or other orthopedic disease is seen on this ultrasound.





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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.

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.

Greg Kuhlman, DVM, DACVIM (SAIM)

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