



PATIENT PRESENTING CLINICAL SIGNS

Bubba Delong

History: Hyperadrenocorticism

Labs: ALP 1735, ALT 197, unremarkable CBC, LDDST (pre- 4.0, 4-hour 3.3, 8 hour 3.2)

SPECIES

Canine

Medication: Vetoryl

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Boxer Mix

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 5.0 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 were noted.

SEX

Neutered Male

The area of the aortic trifurcation was free of pathology.

AGE

10 years

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 7.6 cm in length. The right kidney measured 6.7 cm in length.

WEIGHT

68.2 Pounds

Adrenal Glands

Both adrenal glands were mildly prominent in size with uniformly hypoechoic parenchyma was present. The left adrenal gland measured 0.97 cm width at the caudal pole and 1.1 cm width at the cranial pole. The right adrenal gland measured 0.64 cm width at the caudal pole and 0.97 cm width at the cranial pole. No evidence of adrenal neoplasia or tumors.

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

Rebekah Jakum, CVT
 ARDMS/RVT

HOSPITAL NAME

Maple Hills VH

Liver

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.

REFERRING VET

Dr. Banzhof

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

Gastrointestinal

DATE

1.31.2022



PATIENT

Bubba Delong

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.

SPECIES

Canine

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.

Pancreas

BREED

Boxer Mix

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.

SEX

Neutered Male

ULTRASONOGRAPHIC FINDINGS

- Bilateral mild prominent adrenal glands
- Vacuolar hepatopathy pattern- subjectively benign

AGE

10 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given the LDDST and a strong clinical concern for hyperadrenocorticism, the bilateral adrenal glands were consistent with pituitary dependent hyperadrenocorticism without overt evidence of adrenal neoplastic criteria.

WEIGHT

68.2 Pounds

For an additional charge, internal medicine consult can be utilized through Sonopath.com. You can select the internal medicine drop down at <http://spa.sonopath.com/>.

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One of the world's top internists & SonoPath associate Dr. Remo Lobetti BVSc, MMedVet, PhD, DECVIM can evaluate your case through SonoPath. <https://sonopath.com/resources/sonopath-services/internal-medicine-teleconsultation-services>

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PATIENT

Bubba Delong

SPECIES

Canine

BREED

Boxer Mix

SEX

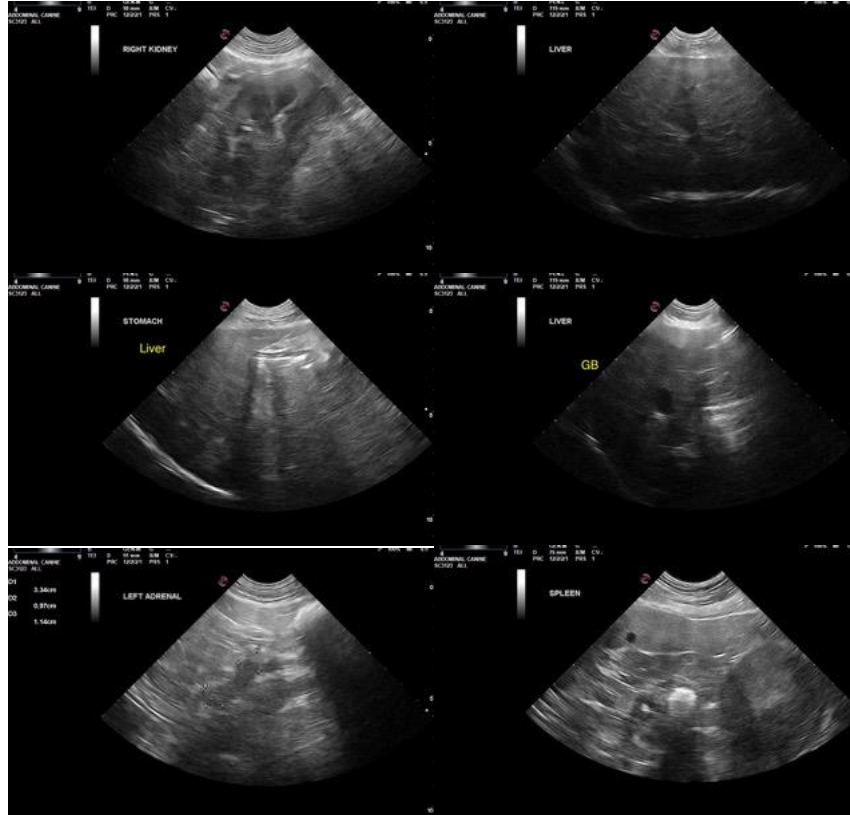
Neutered Male

AGE

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WEIGHT

68.2 Pounds



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The information and recommendations provided are based on the images presented by the referring veterinarian. 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.

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