

PATIENT PRESENTING CLINICAL SIGNS

Blue Donnelli History: Arrythmia, ascites, bloated abdomen, decreased appetite
Medication: Lasix 40

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine **Urinary System**

BREED The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra 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. Aortic trifurcation was normal.

Weimaraner

SEX The residual prostate was indistinctly visualized yet without overt pathology.

Neutered Male Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 7.6 cm in length. The right kidney measured 9.0 cm in length.

AGE

7 years

Adrenal Glands

WEIGHT

103 Pounds

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.4 cm in length x 0.79 cm width at the caudal pole.

The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 3.4 cm in length x 1.0 cm width at the caudal 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. No evidence of splenic nodules, masses or overt neoplastic criteria.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

Liver

HOSPITAL NAME

Rush VC

The liver presented enlarged in size with symmetrical yet swollen contour. The parenchyma exhibited conserved uniform parenchyma with normal echogenicity isoechoic to the spleen and falciform fat. The hepatic vasculature exhibited subjectively mild dilation, most notable at the level of the hepatic vein/ caudal vena cava junction. Subjective dilation of the cranial abdominal caudal vena cava at the level of the liver and diaphragm was present without overt evidence of thrombosis, measuring 1.8 cm in diameter.

REFERRING VET

Dr. Milot

Gastrointestinal

INVOICE

13614

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.

DATE

1.24.2022

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.



PATIENT

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

Blue Donnelli

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.

SPECIES

Canine

Free Abdomen

Moderate volume peritoneal free fluid was present, exhibiting potential for mild cellular component was present. The omentum exhibited mild generalized uniform increased echogenicity. No overt lymphadenopathy.

BREED

Weimaraner

SEX

Neutered Male

ULTRASONOGRAPHIC FINDINGS

- Hepatomegaly, exhibiting subjective hepatic vasculature dilation
- Prominent cranial abdominal caudal vena cava
- Moderate volume peritoneal free fluid, exhibiting potential mild cellular component

AGE

7 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Assuming normal albumin levels and given the lack of additional abdominal pathology, the hepatomegaly in this case is most suggestive of congestive hepatopathy and likely secondary to structural cardiac or arrhythmogenic disease. Correlation with pending echocardiogram is recommended. Additionally, abdominocentesis for peritoneal effusion analysis, cytology +/- culture and sensitivity, if evidence of inflammatory cells is recommended. Assuming normal clotting status, ultrasound guided FNA of the liver, for screening cytology could also be considered.

WEIGHT

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PATIENT

Blue Donnelli

SPECIES

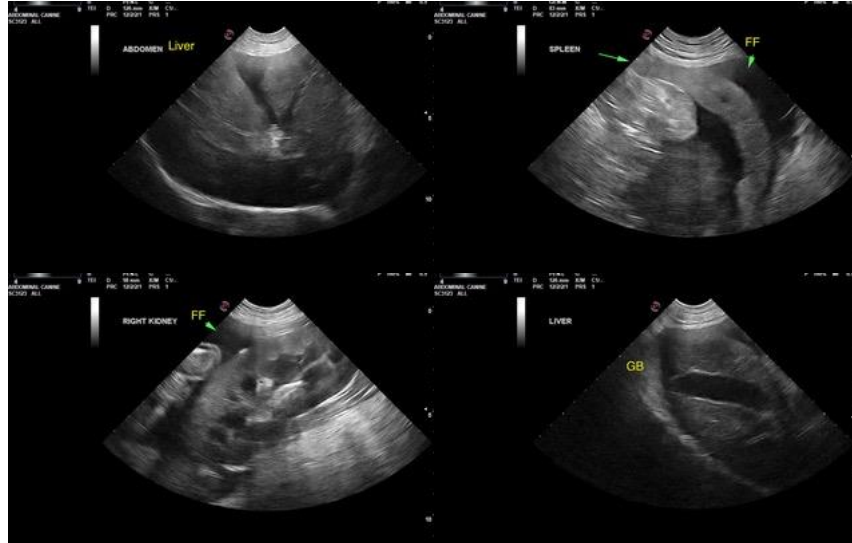
Canine

BREED

Weimaraner

SEX

Neutered Male



AGE

7 years

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.

WEIGHT

103 Pounds

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.

INTERPRETED BY

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