



PATIENT

Duke Dagostino

SPECIES

Canine

BREED

Golden Retriever

SEX

Intact Male

AGE

7 Years

WEIGHT

88.5 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

HOSPITAL NAME

Foster VC

REFERRING VET

Dr. Stacey Hattan,
DVM

INVOICE

14036

DATE

2/21/22

PRESENTING CLINICAL SIGNS

History: Littermate recently euthanized due to splenic hemangiosarcoma. Owner requested ultrasound screening.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction 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.

The prostate is normal in size (5.6 cm x 3.5 cm) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.

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 7.9 cm in length. The right kidney measured 8.0 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.93 cm width at the caudal pole and 0.69 cm width at the cranial pole.

The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.70 cm width at the caudal pole and 0.59 cm width at the cranial pole.

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

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion.

The gallbladder was non distended in size with mild gallbladder debris. The cystic duct and common bile ducts were normal without evidence of dilation.

Gastrointestinal

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.

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.



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Pancreas

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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

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Free Abdomen

Several, focal, mildly prominent to enlarged medial iliac lymph nodes were present. The lymph nodes were essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). These lymph nodes were not consistent with inflammatory or neoplastic criteria and considered incidental. An example of lymph node size measured 2.6 cm x 0.47 cm.

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Focal, mildly prominent to enlarged mesenteric node was present. The lymph node was essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). These lymph nodes were not consistent with inflammatory or neoplastic criteria and considered incidental. The lymph node measured 3.1 x 0.40 cm.

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No omental masses, lymphadenopathy or effusion were present.

ULTRASONOGRAPHIC FINDINGS

- Benign prostatic hyperplasia
- Mild gallbladder debris
- intermittent, benign/reactive mesenteric and medial iliac lymph nodes- incidental

WEIGHT

88.5 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No overt evidence of significant abdominal visceral pathology, specifically no evidence of intraabdominal neoplasia. The gallbladder debris may be secondary to fasting or indicate nonclinical cholestasis.

Minor potential for prostatitis, which may present in similar sonographic manner as benign prostatic hyperplasia, yet thought less likely. Given the familial history of hemangiosarcoma, periodic sonographic monitoring based on oncology recommendations may be considered.

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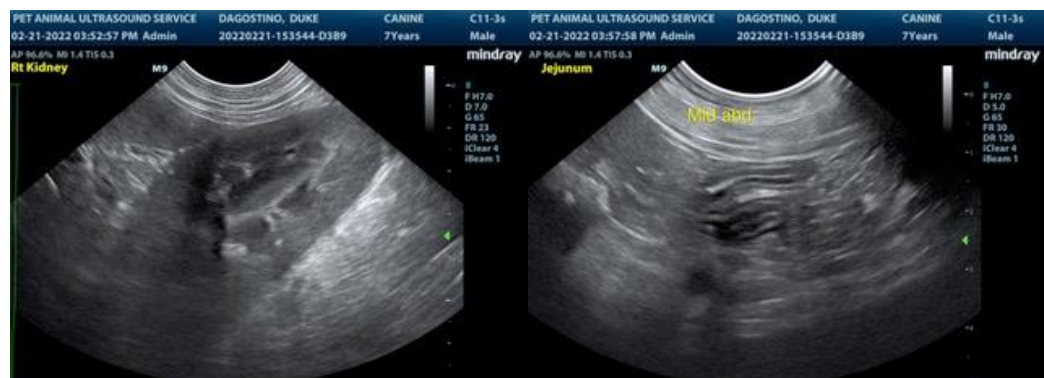
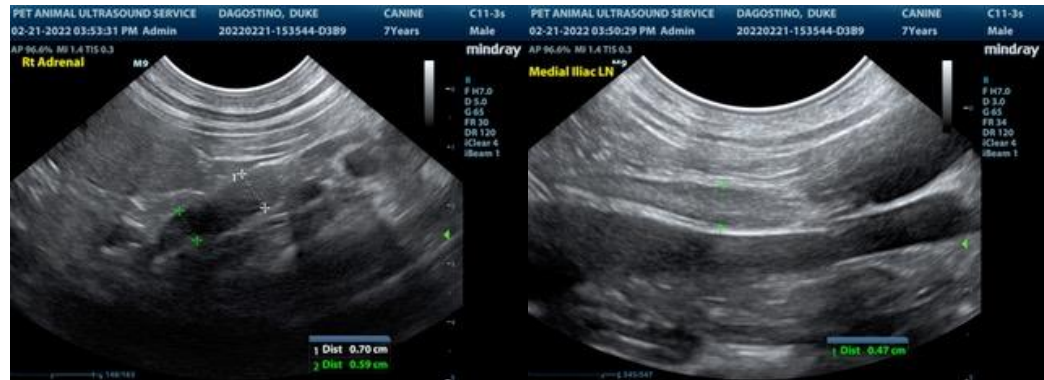
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



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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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info@SonoPath.com

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