



PATIENT

Leo Weddleton

PRESENTING CLINICAL SIGNS

History: Recent multiple MCTs. Obese. Met check. Chest radiographs clear of mets.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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.

BREED

Labrador Retriever

Normal size and margination was 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 7.2 cm in length. The right kidney measured 6.5 cm in length.

SEX

MN

AGE

13yr

Several mildly enlarged primarily homogeneous medial iliac lymph nodes were present. An example of a medial iliac lymph node measured 3.2 cm x 1.6 cm.

Adrenal Glands

WEIGHT

90lb

Both adrenal glands exhibited mildly nonhomogeneous to indistinctly nodular parenchyma without evidence of parenchymal mineralization. Minor bilateral capsule asymmetry yet maintained capsule integrity. A small cranial cyst was present in the right adrenal gland measuring 0.35 cm in diameter. The left adrenal gland measured 0.81 cm width at the caudal pole and 1.1 cm width at the cranial pole. The right adrenal gland measured 0.82 cm width at the caudal pole and 1.1 cm width at the cranial pole.

INTERPRETED BY

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

Spleen

The spleen exhibited potential for mild enlargement secondary to a subtle expansive nonhomogeneous macro nodule to small mass measuring 3.5 cm in diameter. The small mass appeared to distort the medial splenic capsule without evidence of parenchymal escape. The remainder of the spleen exhibited subtle parenchymal heterogeneity with maintained symmetrical capsule contour.

IMAGING PERFORMED BY

Pamela Harrigan

Liver

The liver was subjectively normal in size, structure, and contour. A solitary nondisruptive uniform hyperechoic intraparenchymal nodule was present in the mid liver measuring 2.5 cm in diameter. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion.

HOSPITAL NAME

VCA Hanson Animal
Hospital

REFERRING VET

Sarah Kussman DVM

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

Gastrointestinal

INVOICE

11327ag

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

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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.

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

Free Abdomen

Canine

No omental masses or peritoneal effusion was present.

BREED

Labrador Retriever

ULTRASONOGRAPHIC FINDINGS

SEX

- Mild hepatic parenchyma remodeling with solitary hyperechoic nodule
- Minor cranial splenomegaly exhibiting nonhomogeneous parenchyma with potential macronodule/small mass
- Mild irregular bilateral adrenal glands with right adrenal cyst
- Mild chronic renal changes
- Nonspecific mildly enlarged homogeneous medial iliac lymph nodes

MN

AGE

13yr

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The hepatic nodule is suggestive of probable benign lipogranuloma or nodular hyperplasia. Potential for neoplastic criteria is thought less likely. Assuming normal clotting status and using a 25g needle an ultrasound guided FNA of the cranial spleen as well as accessible medial iliac lymph node is warranted for screening cytology. Sonographic assessment of the spleen and medial iliac lymph nodes for evidence of progressive changes ideally in 4 weeks would be a more conservative approach.

WEIGHT

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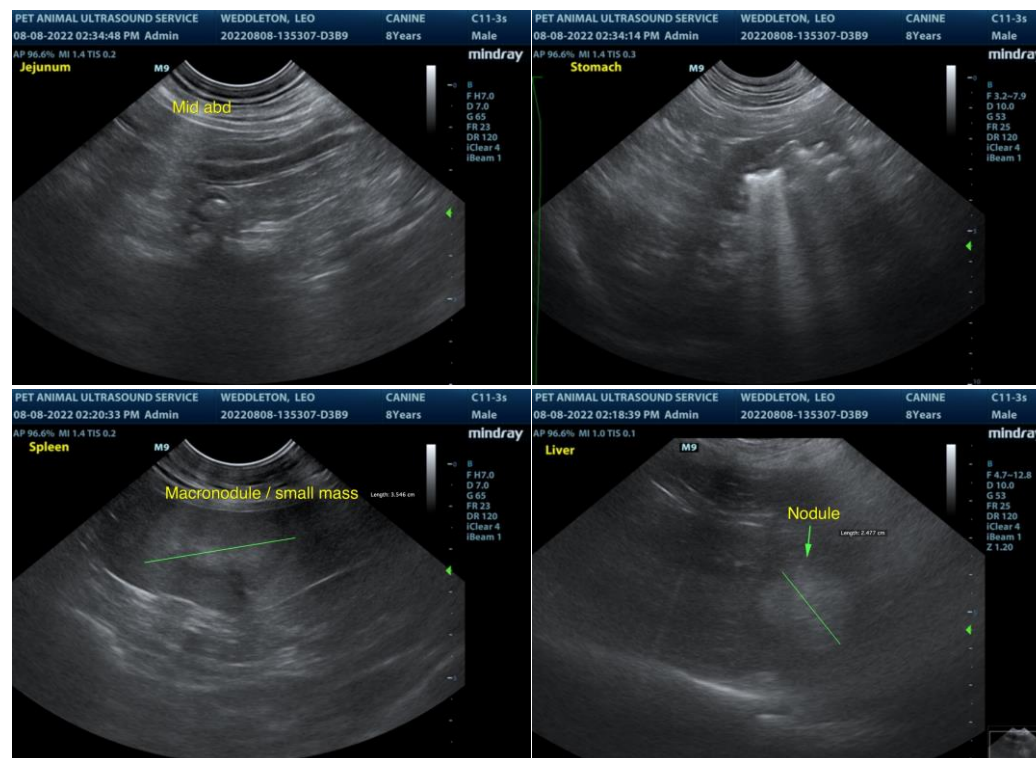
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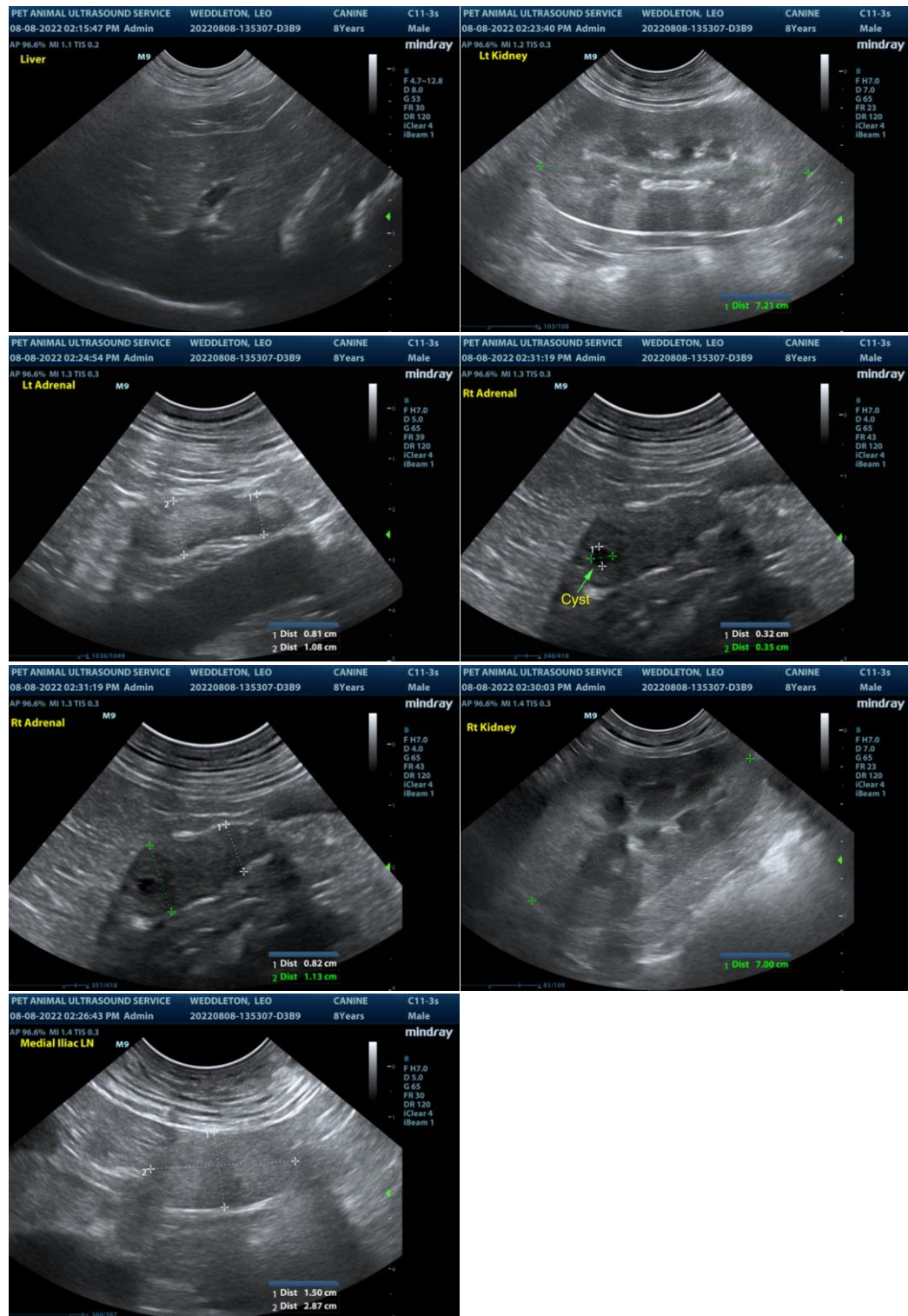
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I



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can be of any further assistance please contact me.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

info@SonoPath.com

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