



PATIENT

Archie MacDonald

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

6 Years

WEIGHT

6.7 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Belan

HOSPITAL NAME

Legacy VC

REFERRING VET

Dr. Woo

INVOICE

16866

DATE

8/15/22

PRESENTING CLINICAL SIGNS

History: Body score 4/5 lethargic poor appetite vomiting and jaundice skin and sclera Diet Friskies and treats

Abnormal PE/Chem/CBC/UA Results: Moderate elevation of liver enzymes

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized, and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal.

The **kidneys** were normal in size with slight irregular contour and multifocal stable infarcts. The right kidney measured 4.77 cm. The left kidney revealed cortical infarcts and multifocal cortical collapse. The left kidney measured 4.5 cm. Active inflammation was noted adjacent to some of the renal infarcts, to suggest recent infarcts.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 0.45 cm. The left adrenal gland measured 0.44 cm.

Spleen

The **spleen** was enlarged, measuring up to 1.7 cm in width. Cranial folding of the spleen was noted. The spleen revealed subtle micronodular changes.

Liver

The **liver** revealed uniform enlargement and was mildly hyperechoic to falciform fat. The gallbladder was empty and collapsed. The common bile duct was empty. Slight free fluid was noted between the liver lobes.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Pancreas

The left **pancreatic** limb revealed a hypoechoic irregular nodule, measuring 0.74 cm. Generalized hypoechoic parenchyma was noted with undulating contour and dilated duct, suggestive for a history of pancreatitis. Low grade inflammation is possible.

ULTRASONOGRAPHIC FINDINGS

- Generalized nonspecific hepatosplenomegaly- strong concern for round cell neoplasia



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- Collapsed and empty gallbladder
- Renal infarcts
- Hypochoic pancreas with hypochoic nodule

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Coagulation panel and FNA of the spleen and liver are strongly encouraged in this patient. Round cell neoplasia is a strong potential. Splenitis and hepatic lipidosis or inflammatory hepatopathy are possible yet less likely.

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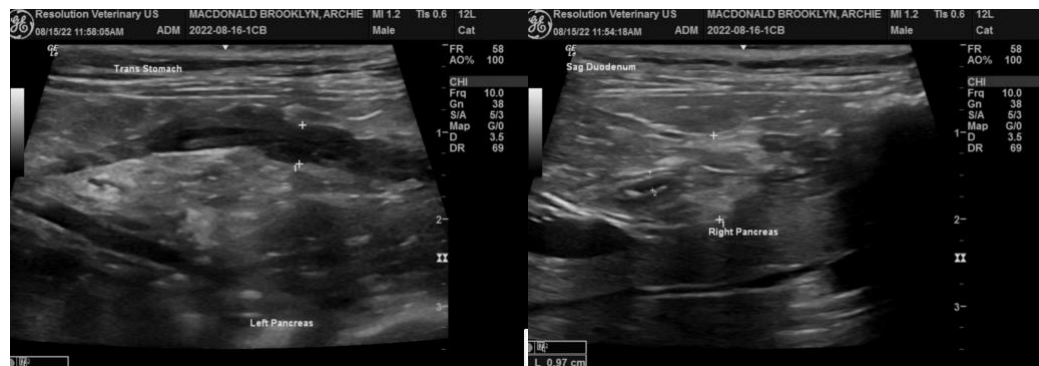


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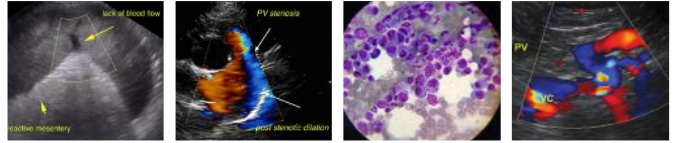
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



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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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