



PATIENT

Maddy Moore

PRESENTING CLINICAL SIGNS

Annual screening abdominal US History of hypertriglyceridemia, currently managed on fenofibrate
History of pancreatitis, splenomegaly

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Oct 2025 bloodwork Superchem with SDMA - WNL except: ALP 905 (5 - 131); CBC - WNL; Thyroid hormones - Total T4 1.3 (0.8 - 3.5); Urinalysis - USG 1.035 pH 8.5 urine chems: 2+ protein urine sedi: WBC 4-10 per HPF * voided sample* MA: (<2.5) 0.7; Accuplex - Heartworm (Antigen) NEGATIVE Borrelia burgdorferi NEGATIVE Ehrlichia canis NEGATIVE Anaplasma phagocytophilum NEGATIVE

BREED

Labrador Retriever

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

FS

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra exhibited normal thickness and tone. Anechoic urine was present in the lumen with no evidence of urine/lumen sediment, mineral, or calculi. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

AGE

11yr

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 6.3 cm in length. The right kidney measured 6.6 cm in length.

WEIGHT

62.6lb

The area of the aortic trifurcation was free of pathology.

INTERPRETED BY

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

Adrenal Glands

The bilateral adrenal glands were normal in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The left adrenal gland measured 0.70 cm width in the caudal pole. The right adrenal gland measured 0.72 cm width in the caudal pole.

Spleen

IMAGING PERFORMED BY

Carly Pate

The spleen exhibited primarily finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Intermittent to several, well-defined, symmetrical, echogenic nodules were present throughout the medial parenchyma to perihilar. An example measured 1.3 cm in diameter. 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 or neoplastic changes were not noted. The echogenic nodules tend to trend benign and are most consistent with benign hyperplasia or myelolipomas.

HOSPITAL NAME

VCA McKenzie AH

Liver/Gallbladder

REFERRING VET

Dr Arpaia

The liver presented mildly 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

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congestion. The gallbladder was non-distended in size with mild non-organized debris. The cystic and common bile ducts were normal.

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 mechanical/metabolic ileus, obstruction or foreign material.

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

Pancreas

The area of the pancreas was sonographically normal.

Free Abdomen

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

Primary

- Benign hepatopathy - consistent with vacuolar/non-obstructive cholestatic hepatopathy
- Non-organized gallbladder debris (non-mucocele)
- Sonographically normal area of pancreas
- Age related benign renal / adrenal changes
- Hyperechoic splenic nodules - consistent with benign myelolipomas

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of significant visceral pathology with largely geriatric abdomen. No evidence of neoplastic criteria. Hepatosupportive medications may prove beneficial. Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered.



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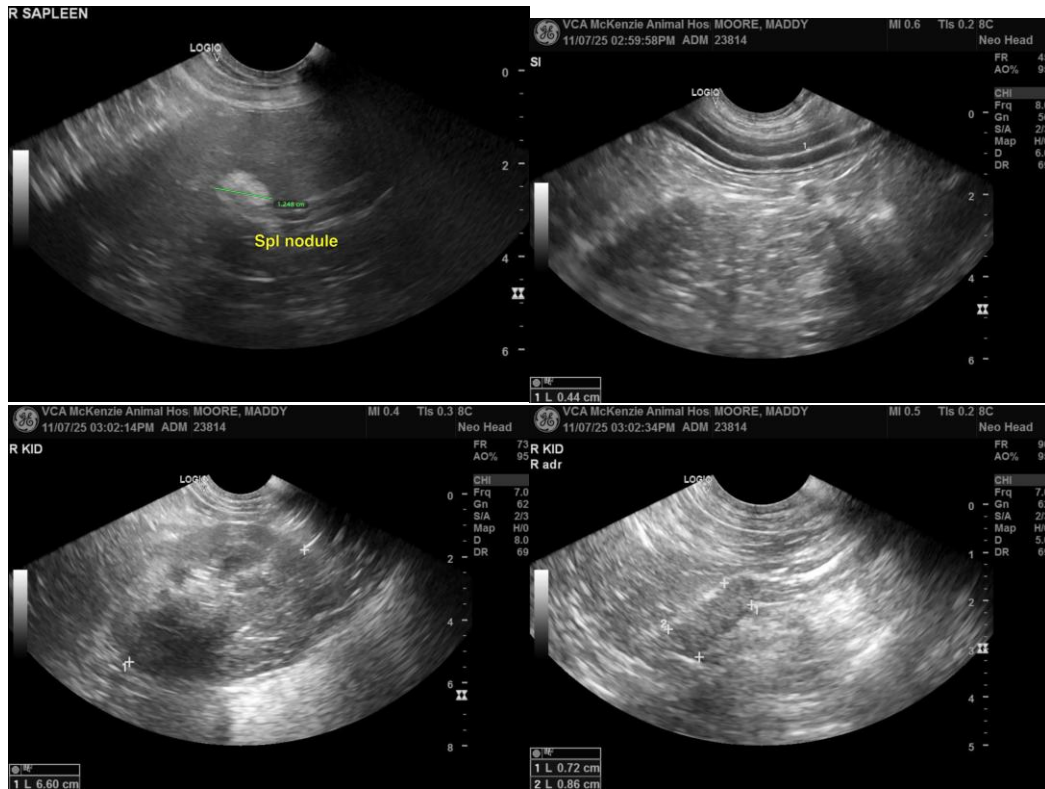
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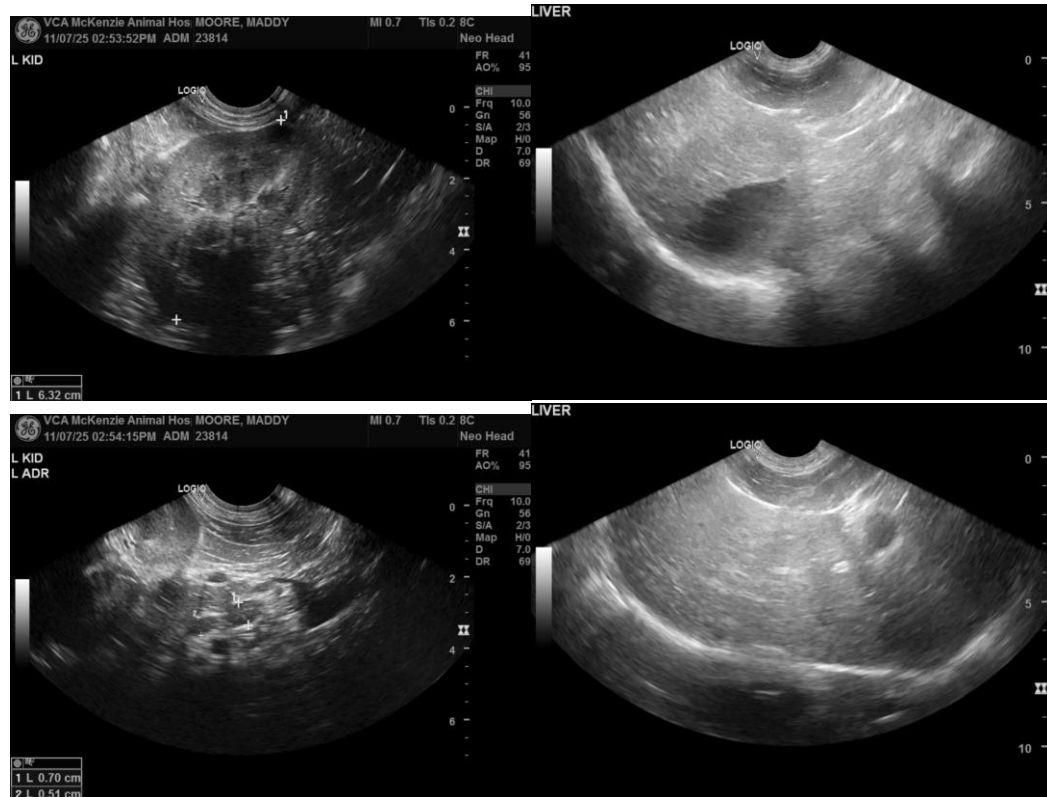
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

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

info@sonopath.com