



PATIENT PRESENTING CLINICAL SIGNS

Vinnie Taylor Intermittent loose stool. Medication: Apoquel, Benazepril, Omeprazole, Losartan, milk thistle

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED
Urinary System

Canine
The urinary bladder, trigone, and 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 was noted.

Italian Greyhound
The area of the aortic trifurcation was free of pathology.

SEX
MN
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 moderate loss of corticomedullary symmetry and definition expected for the age of the patient. Intermittent small cortical cysts were present. No evidence of pelvic dilation was present. The left kidney measured 4.5 cm in length. The right kidney measured 4.2 cm in length.

AGE
10/4/22
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 2.4 cm length x 0.63 cm width at the caudal pole. The right adrenal gland measured 1.6 cm length x 0.48 cm width at the caudal pole.

WEIGHT
15.2
Spleen
The spleen exhibited primarily finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Several, non-disruptive, symmetrical, hyperechoic nodules were present primarily medial parenchyma and adjacent to the hilus, consistent with benign myelolipomas. 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.

INTERPRETED BY

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

IMAGING PERFORMED BY
Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Lehighton AH

REFERRING VET

Dr. Carpenter

INVOICE

15071

DATE
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Liver/ Gallbladder

The liver was subjectively normal in size, structure, and contour. 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. The gallbladder was non-distended in size with minor nondependent echogenic 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.



PATIENT

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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 semi formed to soft fecal matter.

SPECIES

Pancreas

Canine

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 were evident.

BREED

Italian Greyhound

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

SEX

ULTRASONOGRAPHIC FINDINGS

MN

- Benign splenic nodules

AGE

- Mild hepatic parenchymal remodeling

10/4/22

- Mild gallbladder debris - likely incidental assuming no evidence of cholestasis

- Overtly normal gastrointestinal tract

WEIGHT

15.2

- Sonographically normal colon containing subjective semi-formed / soft fecal matter

- Bilateral chronic renal changes

INTERPRETED BY

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

R. McKenzie Daniel,
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(Canine and Feline)

Overall, largely mild geriatric abdomen without evidence of significant visceral, specifically gastroenterocolic pathology. Dietary intolerance / food allergy, occult parasitism, structurally insignificant inflammatory gastroenterocolonopathy, potential for low-grade or chronic pancreatitis which may present as sonographically normal, are all potential without evidence of gastroenterocolic neoplastic criteria.

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Novel protein or hydrolyzed diet, high colony count probiotic +/- prophylactic deworming even if fecal testing is negative, may prove beneficial. Further assessment may include GI panel to include PLI/TLI/Cobalamin/Folate especially if persistent / progressive loose stool to diarrhea or if evidence of weight loss is noted.

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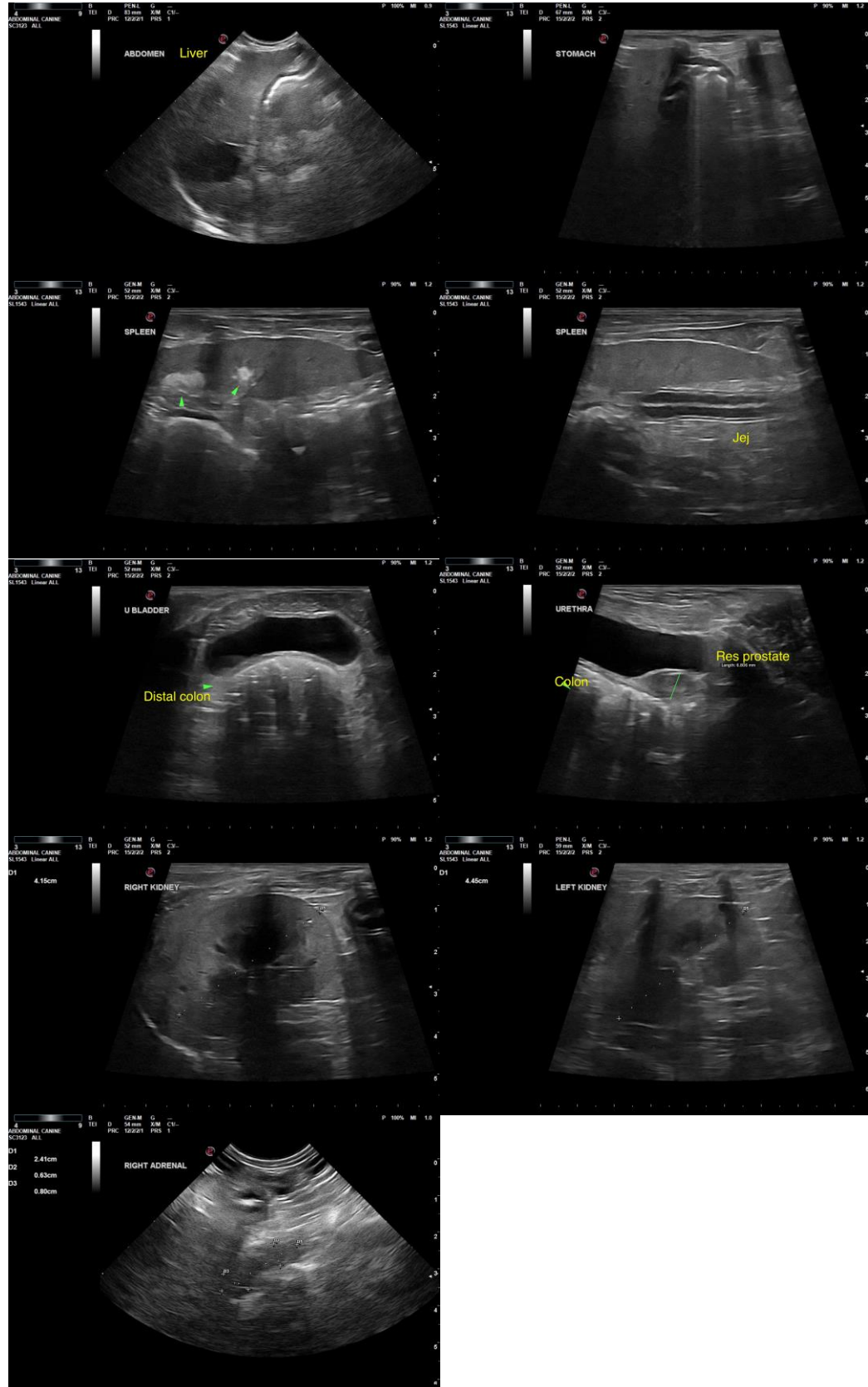
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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.

BREED

Italian Greyhound

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