



PATIENT PRESENTING CLINICAL SIGNS

Jack Antiga 1 month duration vomiting, decreased appetite, weight loss, BAR Cerenia, Pepcid
 Albumin 2.3, Potassium 3.7, SDMA 15, GI panel - decreased folate 4.1, normal cobalamin 740, normal PLI / TLI

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Urinary System

Jack Russell Terrier

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.

SEX

MN

No overt pathology was noted in the area of the residual prostate.

AGE

11 years

The area of the aortic trifurcation was free of pathology.

WEIGHT

9.5

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 3.8 cm in length. The right kidney measured 4.2 cm in length.

INTERPRETED BY

Adrenal Glands

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

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 1.8 cm length x 0.46 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 1.5 cm length x 0.37 cm width at the caudal pole.

IMAGING

PERFORMED BY

Rebekah Jakum, CVT
 ARDMS/RVT

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.

HOSPITAL NAME

Lehigh Valley AH
 (Bath)

REFERRING VET

Liver/ Gallbladder

Dr. Ferrari

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 thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

INVOICE

14406

DATE

7/26/22



PATIENT ***Gastrointestinal***

Jack Antiga The stomach exhibited subjective intact yet mildly thickened wall layering. The lumen of the stomach was empty with mild luminal gas. No evidence of retained ingesta, fluid, or foreign material. The gastric body wall width measured 0.46 cm.

SPECIES

Canine The small intestine presented intact yet generalized prominent to mildly thickened wall layering owing to propensity for generalized prominent small intestinal mucosa. Mild duodenal corrugation was present with no evidence of loss of small intestinal wall layering or mechanical / metabolic ileus pattern. The duodenum wall measured 0.47 cm width. The jejunum wall measured 0.43 cm width.

BREED

Jack Russell Terrier Normal visible colon wall layers were present with semi-formed to soft feces consistent with reported soft stool to diarrhea.

SEX

Pancreas

MN

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

AGE

Free Abdomen

11 years

No overt lymphadenopathy was present. No evidence of free fluid was noted.

WEIGHT

ULTRASONOGRAPHIC FINDINGS

9.5

Primary Findings

- Mildly thickened stomach
- Intact yet generalized prominent small intestinal walls with duodenal corrugation likely consistent with mild to moderate duodenitis - overall small intestinal presentation is suggestive of inflammatory enteropathy / IBD
- Mild heterogeneous pancreas - patient or age-related variant likely, potential for low-grade chronic pancreatitis possible

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Secondary Findings

- Mild age-related kidneys

IMAGING PERFORMED BY

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Endoscopic Intestinal biopsies are likely ideal in this patient given the weight loss and gastrointestinal presentation. In addition to current gastrointestinal support, novel protein or hydrolyzed diet trial, high colony count probiotics such as Provable if evidence of diarrhea, +/- antibiotic if clinical concern for dysbiosis and assessment of clinical response would be reasonable. Long-term novel protein or hydrolyzed diet trial based on clinical response and with potential for diet rotation if recurrent gastrointestinal signs may be indicated.

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Although considered unlikely, resting cortisol level to rule out occult Addison's Disease may be considered especially if endoscopic biopsies are a possibility.

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PATIENT

Jack Antiga

SPECIES

Canine

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.

BREED

Jack Russell Terrier

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.

SEX

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)
mac.daniel@sonopath.com

MN

AGE

11 years

WEIGHT

9.5

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