



PATIENT PRESENTING CLINICAL SIGNS

Ruca Greasely unexplained weight loss- RADS and Labs (thrombocytosis 570k) NSF- did move to 4 acres where dog roams and may have gotten into something (fecal advised)

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine **Urinary System**

BREED 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 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 6.6 cm in length. The right kidney measured 5.6 cm in length.

AGE 11 years

Adrenal Glands

WEIGHT The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.62 cm width at the caudal pole and 0.65 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.51 cm width at the caudal pole and 0.59 cm width at the cranial pole.

50 lbs.

INTERPRETED BY

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

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.

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT

Liver/ Gallbladder

HOSPITAL NAME

Sierra Pet Clinic

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 mild, nondependent, nonorganized gallbladder debris. The cystic and common bile ducts were normal.

REFERRING VET

Dr. Swalander

INVOICE Gastrointestinal

13433 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 gastric body wall width measured 0.51 cm.

DATE

2/25/22



PATIENT

Ruca Greasely

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. The duodenum wall width measured 0.35 cm. The jejunum wall width measured 0.34 cm.

SPECIES

Canine

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

Pancreas

BREED

Pitbull

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.

Free Abdomen

SEX

FS

Intermittent mesenteric and medial iliac lymph nodes were present. The lymph nodes were essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). An example of a medial Iliac lymph node measured 0.49 cm width. An example of a mesenteric lymph node measured 1.6 cm x 0.61 cm. The lymph nodes were not overtly consistent with inflammatory or neoplastic criteria. No effusion was present. \

AGE

11 years

ULTRASONOGRAPHIC FINDINGS

WEIGHT

50 lbs.

- Mild age-related kidneys
- Overtly normal gastrointestinal tract / pancreas
- Intermittent mild subjectively benign / reactive mesenteric and medial iliac lymphadenopathy
- Mild gallbladder debris - likely incidental potentially owing to fasting or mild nonclinical cholestasis

INTERPRETED BY

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

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overall, largely mild geriatric abdomen without evidence of significant visceral pathology. An obvious cause of the patient's weight loss was not definitively evident. Potential for structurally insignificant gastrointestinal disease, which may present as sonographically normal, cannot be excluded.

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Further assessment may include a GI panel to include PLI/TLI/Cobalamin/Folate. Three view chest radiographs, as well as thorough muscular / skeletal / neurological examination to rule out occult pathology may be considered.

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The information and recommendations provided are based on the images presented by the



PATIENT

Ruca Greasely

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.

SPECIES

Canine

**R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com**

BREED

Pitbull

SEX

FS

AGE

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WEIGHT

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