



PATIENT PRESENTING CLINICAL SIGNS

Taco Morgan
 History: Intermittent diarrhea
 Medication: Aventi

SPECIES
 CBC - Platelets 535, SDMA 18, BUN 24, Crea 1.2, ALP 214, Lipase 263, T4 1.6.

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED
Urinary System

Chihuahua
 The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 cm exhibited normal thickness and tone. Anechoic urine was present. A solitary cystic calculus was noted measuring 1.4 cm diameter. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

SEX

Neutered Male
 The residual prostate was symmetrically normal in size with uniform parenchyma and slight coarse echotexture. The prostate measured 0.75 cm in diameter.

AGE

17 years
 Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The right kidney measured 4.0 cm. The left kidney measured 3.1 cm.

WEIGHT
Adrenal Glands

10.4 Pounds
 The bilateral adrenal glands were normal in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. left adrenal gland measured 0.52 cm at the cranial pole and 0.60 cm at the caudal pole. The right adrenal gland measured 0.49 cm at the cranial pole and 0.51 cm at the caudal pole.

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

Rebekah Jakum, CVT
 ARDMS/RVT

Liver

The liver exhibited potential for mild generalized enlargement. 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 congestion. The gallbladder was non distended in size with mild, echogenic, nonmineralized biliary sludge. The cystic duct and common bile ducts were normal without evidence of dilation.

HOSPITAL NAME

Stanglein VC

REFERRING VET

Dr. Stanglein

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. Gastric body wall measured 0.29 cm.

INVOICE

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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. Subtle intermittent jejunal mucosal speckling was present. Jejunum wall measured 0.26 cm.

DATE

8.24.2021



PATIENT Taco Morgan
The colon walls presented intact yet mildly prominent wall layering with mild thickened to echogenic submucosa. Nonformed to liquid fecal matter was present in the colon lumen with lumen dilation.

Pancreas

SPECIES 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 was evident.

Free Abdomen

BREED Chihuahua
No overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

- SEX** Neutered Male
- Colitis with potential concurrent mild enteropathy
 - Mild chronic renal changes
 - Low-grade benign hepatopathy
 - Mild gallbladder debris (non-mucocele)
 - Solitary cystic calculus

AGE 17 years

WEIGHT 10.4 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The gallbladder debris may be secondary to fasting or indicate nonclinical cholestasis. The overall appearance of the liver is suggestive of probable vacuolar hepatopathy given the mild ALP elevation. The ALP elevation may also be owing to previous recent Prednisone therapy, which may potentially be masking intestinal and colonic mural changes. The appearance of the colon and straining to defecate are indicative of urge incontinence consistent with colitis.

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Limited antigen to hydrolyzed diet trial and broad-spectrum deworming (i.e., Panacur 50 mg/kg PO SID for at least 5 consecutive days with possible repeat protocol in 3 weeks) may prove beneficial even if fecal testing is negative. Assessment of serum cobalamin and folate levels may be considered if evidence of weight loss. Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered.

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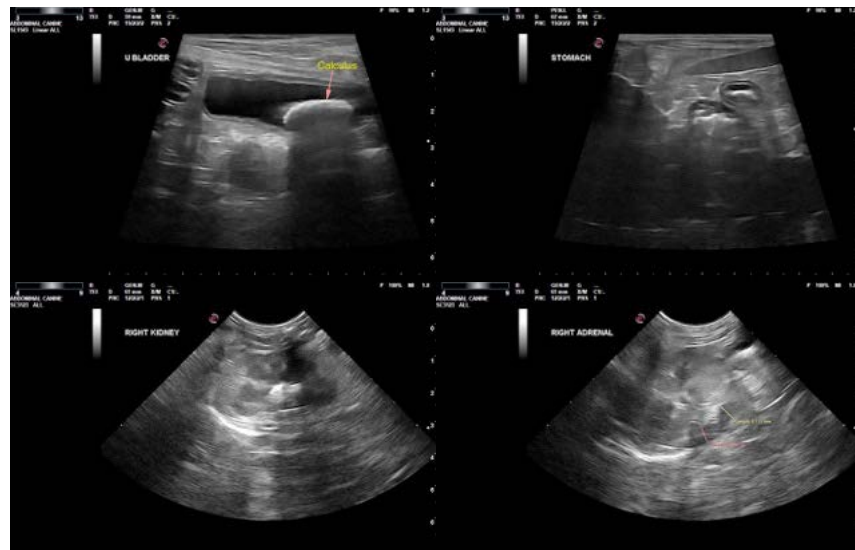
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PATIENT

Taco Morgan

SPECIES

Canine

BREED

Chihuahua

SEX

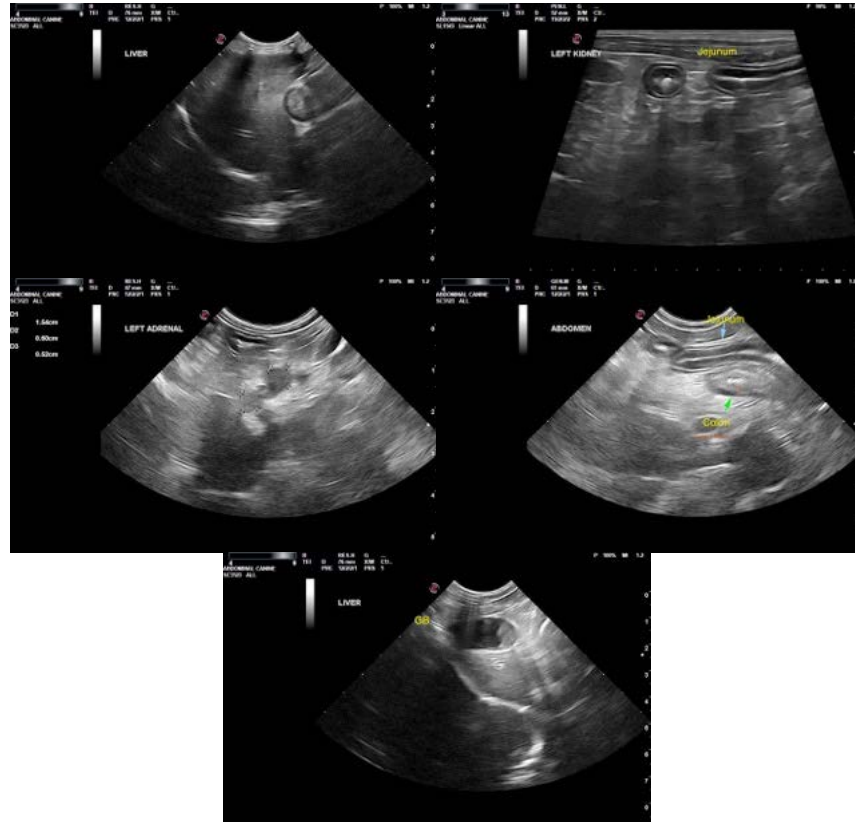
Neutered Male

AGE

17 years

WEIGHT

10.4 Pounds



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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.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

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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