

PATIENT PRESENTING CLINICAL SIGNS

Colby Pelley 1 year history of weight loss. Periodic episodes of abdominal pain. Owner reports what appears to be a bloated/distended abdomen and that the dog seems very uncomfortable, standing with arched back and crying. He also vomits during these episodes, which usually improve over 24 hours. Normal bowel movements. Essentially unremarkable physical exam. CBC - Plt 558, rest WNL; Chem - SDMA 17, rest WNL.

SPECIES

Canine

BREED

Chihuahua

SEX

Neutered Male

AGE

13 Years

WEIGHT

10 Pounds

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of - cm exhibited normal thickness and tone. Primarily anechoic urine was present in the lumen. Mild non-dependent particulate sediment was present without evidence of calculus formation. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic mural changes were noted.

The residual prostate was symmetrically normal in size with uniform parenchyma and slight coarse echotexture. The prostate measured 1.0 cm diameter.

Normal size and margination was 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 loss of corticomedullary symmetry and definition expected for the age of the patient. Minor pyelectasia noted in the left kidney. The left kidney measured 3.5 cm. A solitary small cortical cyst was present in the right kidney. The right kidney measured 4.2 cm.

Adrenal Glands

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.47 cm at the cranial pole and 0.50 cm at the caudal pole. The right adrenal gland measured 0.66 cm at the cranial pole and 0.56 cm at the caudal pole.

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.

Liver

The liver exhibited subjective mild 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, non-dependent, non-organized, echogenic debris. The cystic duct and common bile ducts were normal without evidence of dilation.

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild to moderate echogenic to mildly shadowing ingesta and chyme. Mild luminal gas also present. Gastric body wall measured 0.22 cm.

INTERPRETED BY

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

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

HOSPITAL NAME

Chase Vet Clinic

REFERRING VET

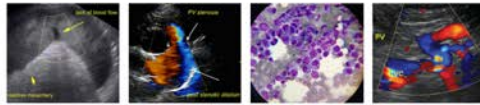
Dr. Hallie Lipinski

INVOICE

33267

DATE

12/5/21



PATIENT

Colby Pelley

The small intestine presented intact wall layering and maintained 1:3 muscularis/mucosa ratio. Non-specific mild duodenal and segmental jejunal mucosal speckling noted. Duodenum wall measured 0.33 cm. Jejunum wall measured 0.28 cm.

SPECIES

Canine

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

Pancreas

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.

BREED

Chihuahua

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

SEX

Neutered Male

PRIMARY FINDINGS

- Echogenic to mildly shadowing gastric ingesta
- Non-specific duodenal and segmental jejunal mucosal speckling
- Subjective mild benign hepatomegaly
- Mild gallbladder debris (non-mucocele)

AGE

13 Years

SECONDARY FINDINGS

- Mild age related kidneys with minor left kidney pyelectasia and solitary small right kidney cortical cyst

WEIGHT

10 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

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

The presence of gastric ingesta may correlate with recent meal ingestion. However, if documented NPO, some degree of metabolic gastric stasis may be possible. Potential for underlying gastroenteropathy is of concern. Given the duodenojejunal mucosal speckling and history of weight loss with intermittent gastrointestinal signs, further assessment may include GI panel to include PLI, TLI, cobalamin and folate. Some degree of generalized gastrointestinal stasis may be possible given the history of bloated, distended abdomen. Smaller, more frequent meals with hydrolyzed diet may be considered. Endoscopic upper gastrointestinal biopsies may be required for definitive diagnosis.

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

The gallbladder debris may be secondary to fasting or indicate nonclinical cholestasis.

HOSPITAL NAME

Chase Vet Clinic

The urinary bladder sediment may suggest cellular / crystalline debris or mucus. Cystocentesis for UA +/- C/S if evidence of inflammatory cells is recommended.

REFERRING VET

Dr. Hallie Lipinski

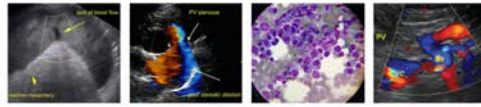
INVOICE

33267

DATE

12/5/21





PATIENT

Colby Pelley

SPECIES

Canine

BREED

Chihuahua

SEX

Neutered Male

AGE

13 Years

WEIGHT

10 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

HOSPITAL NAME

Chase Vet Clinic

REFERRING VET

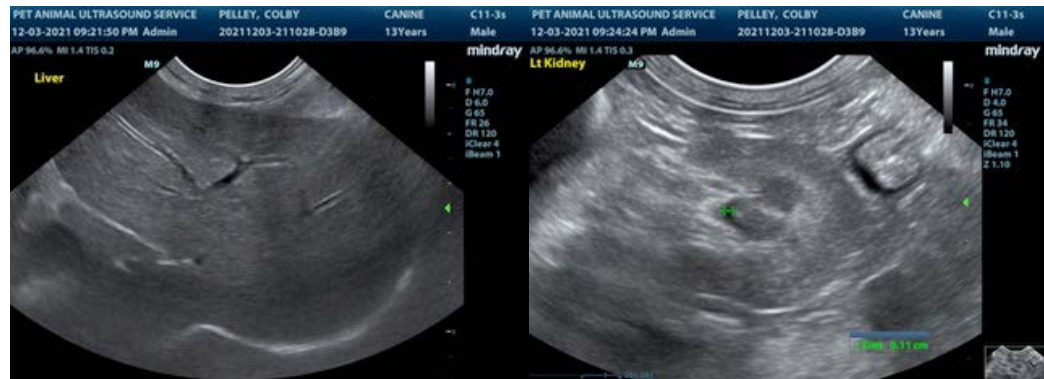
Dr. Hallie Lipinski

INVOICE

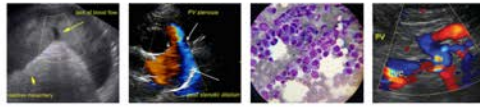
33267

DATE

12/5/21



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.



PATIENT

Colby Pelley

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

Chihuahua

SEX

Neutered Male

AGE

13 Years

WEIGHT

10 Pounds

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Pamela Harrigan, RDMS

HOSPITAL NAME

Chase Vet Clinic

REFERRING VET

Dr. Hallie Lipinski

INVOICE

33267

DATE

12/5/21