



PATIENT

Lyra Coon

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

5y 2mo

WEIGHT

10.10 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

HOSPITAL NAME

Wood River Animal
 Hospital

REFERRING VET

Casey Schuelke, DVM

INVOICE

15383

DATE

11/4/22

PRESENTING CLINICAL SIGNS

History of pancreatitis in July 2021. At that time she had s Spec 12.1, vomiting, anorexia, lethargic. Responded to Cerenia, SQ fluids, Gabapentin.

Throughout the year has had multiple episodes of vomiting/lethargy/anorexia that responds to Cerenia but because the episodes are becoming more frequent, would like to get ultrasound to screen for other causes other than pancreatitis/IBD. Diet-low carbohydrate diets, but owner reports picky eater.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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.

The area of the aortic trifurcation was free of pathology.

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 left kidney measured 4.1 cm in length. The right kidney measured 3.9 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.41 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.33 cm width.

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. The spleen measured 0.68 cm width at the level of the hilus.

Liver/ Gallbladder

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. Multiple areas of nonobstructive biliary tree mineral were noted. The gallbladder was mildly distended in size containing primarily anechoic content with minor particulate debris. The proximal to mid common bile duct exhibited mild to moderate dilation containing anechoic content with focal common bile duct luminal mineral. The



PATIENT

Lyra Coon

common bile duct dilation measured 0.47 cm in diameter. The common bile duct dilation did not overtly extend to the level of the duodenal papilla.

Gastrointestinal

SPECIES

Feline

The stomach presented intact wall layering with a normal wall layer ratio. No signs of ileus, obstruction, or foreign material. Mild retained anechoic fluid was present. The gastric body wall width measured 0.24 cm.

BREED

DSH

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 measured 0.24 cm width. The jejunum wall measured 0.21 cm width. The ileocolic wall measured 0.29 cm width.

SEX

FS

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

Pancreas

AGE

5y 2mo

The pancreas was normal in size with minor asymmetrical contour exhibiting heterogeneous to mildly echogenic pancreatic parenchyma compared to adjacent, nonreactive peripancreatic omentum.

Free Abdomen

WEIGHT

10.10 lbs.

No overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

- Biliary tree mineral
- Mildly distended gallbladder
- Proximal to mid, mild to moderate common bile duct dilation with focal choledocholithiasis
- Sonographically unremarkable gastrointestinal tract with mild retained gastric fluid
- Heterogeneous to mildly echogenic pancreas - pancreatic remodeling and possible early fibrosis potentially owing to previous inflammatory episode, low-grade to chronic pancreatitis possible

INTERPRETED BY

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

IMAGING

PERFORMED BY

Pamela Harrigan, RDCS

HOSPITAL NAME

Wood River Animal
 Hospital

REFERRING VET

Casey Schuelke, DVM

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The biliary tree mineral in combination with the common bile duct dilation with evidence of common bile duct mineral is nonspecific, yet may suggest previous or possibly chronic hepatobiliary inflammation, i.e., cholangiohepatitis. Correlation with CBC/Chemistry panel is recommended.

At times, the common bile duct dilation may result in periods of lethargy and/or anorexia. Spec fPL and/or a GI panel to assess for evidence of chronic pancreatitis and/or occult small intestinal disease as a contributing factor is suggested.

INVOICE

15383

DATE

11/4/22



PATIENT

Lyra Coon

This patient may be at risk for post-hepatic obstruction going forward. Recheck sonogram is recommended if evidence of progressive hepatic enzyme elevations or evidence of progressive cholestasis.

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

5y 2mo

WEIGHT

10.10 lbs.

INTERPRETED BY

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

IMAGING

PERFORMED BY

Pamela Harrigan, RDMS

HOSPITAL NAME

Wood River Animal
 Hospital

REFERRING VET

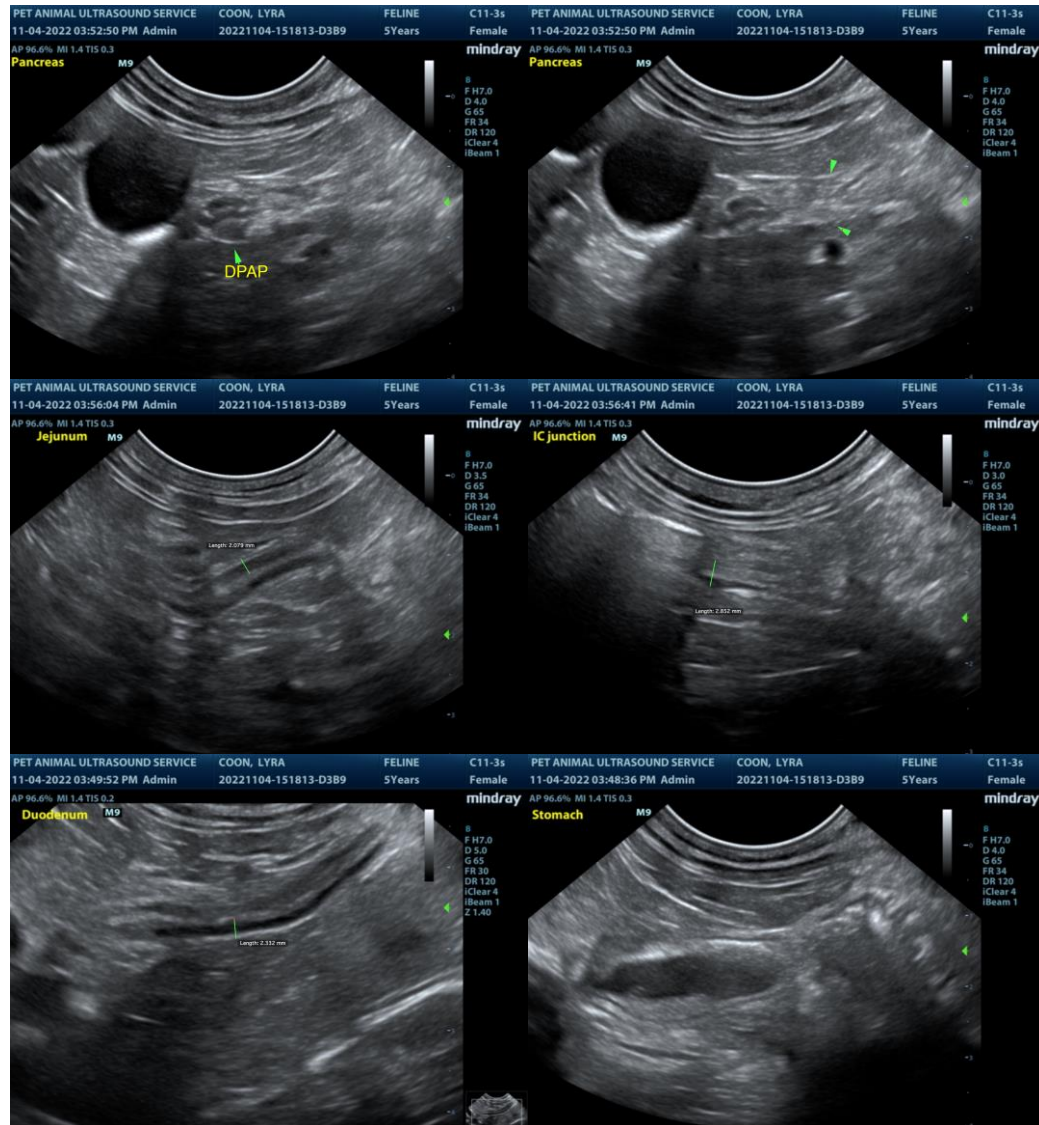
Casey Schuelke, DVM

INVOICE

15383

DATE

11/4/22





PATIENT

Lyra Coon

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

5y 2mo

WEIGHT

10.10 lbs.

INTERPRETED BY

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

IMAGING

PERFORMED BY

Pamela Harrigan, RDCS

HOSPITAL NAME

Wood River Animal
 Hospital

REFERRING VET

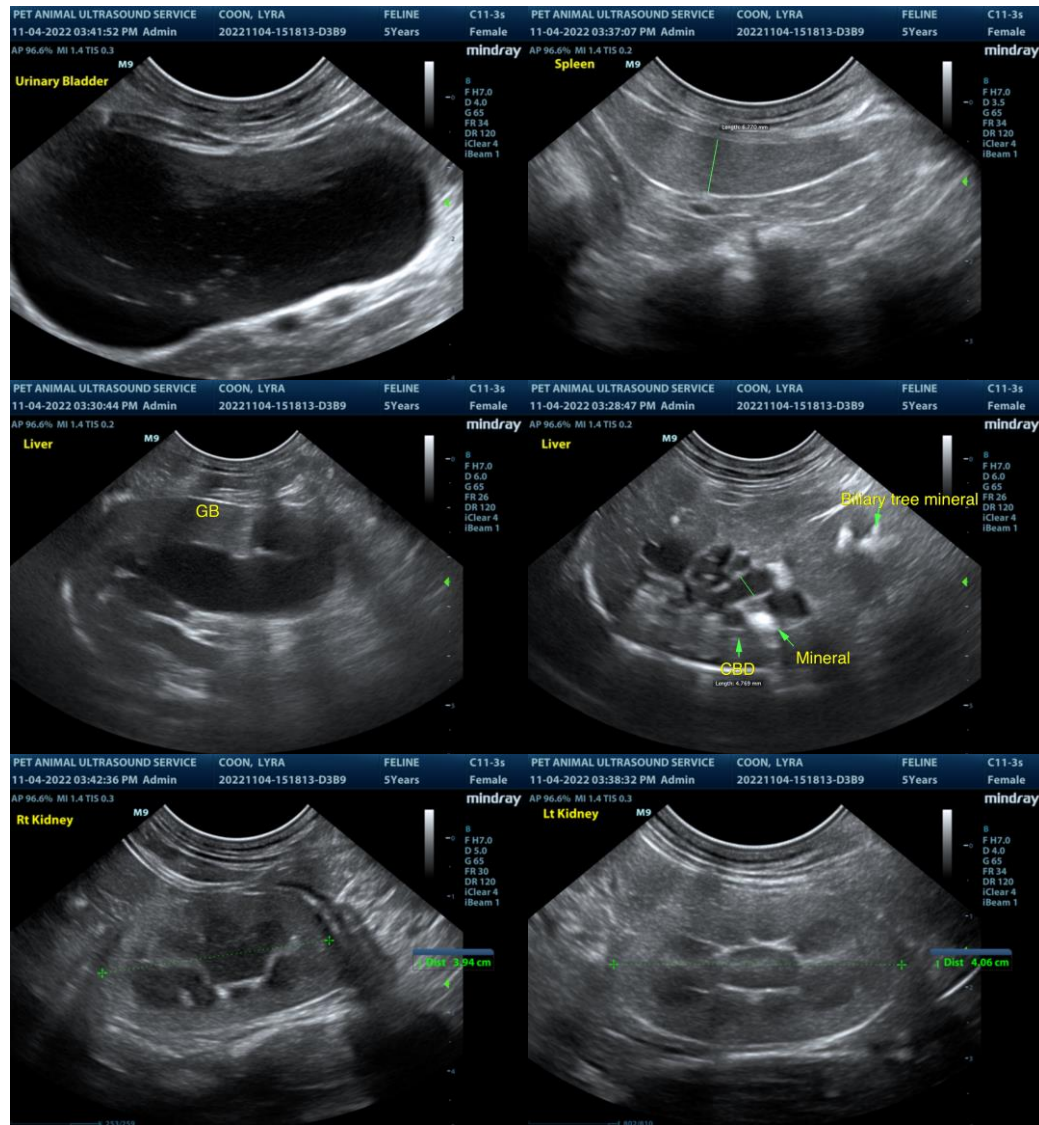
Casey Schuelke, DVM

INVOICE

15383

DATE

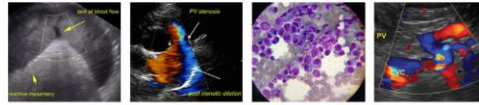
11/4/22



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.

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)



PATIENT

info@SonoPath.com

Lyra Coon

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

5y 2mo

WEIGHT

10.10 lbs.

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Pamela Harrigan, RDMS

HOSPITAL NAME

Wood River Animal
Hospital

REFERRING VET

Casey Schuelke, DVM

INVOICE

15383

DATE

11/4/22