



PATIENT PRESENTING CLINICAL SIGNS

Delilah Dudak Decreased appetite for 4 days, dehydrated.
 Medication: Metronidazole, Pepcid, Mirtazapine

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

DSH

Urinary System

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 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

FS

The area of the aortic trifurcation was free of pathology.

AGE

2008

Normal size was noted in the kidneys. Asymmetrical lateral left kidney margination was present (likely cortical infarcts). A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and moderate loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 3.1 cm in length. The right kidney measured 3.6 cm in length.

WEIGHT

7.9

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.37 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.36 cm width.

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. The spleen measured 0.7 cm width at the level of the hilus.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
 ARDMS/RVT

HOSPITAL NAME

Maple Hills VH

Liver/ Gallbladder

The liver presented enlarged in size. 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 mildly distended in size containing anechoic content with moderate nonorganized echogenic gallbladder debris. The proximal common bile duct was dilated and tortuous without overt post-hepatic obstruction.

REFERRING VET

Dr. Eckman

INVOICE

16273

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.

DATE

2/22/23



PATIENT

Delilah Dudak

The small intestine presented generalized intact yet prominent wall layering with indistinct areas of increased mucosal echogenicity. No overt evidence of loss of intestinal wall layering or intestinal masses was noted. The small intestinal wall width measured 0.34 cm.

SPECIES

Feline

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

Pancreas

BREED

DSH

The pancreas exhibited variable prominent size to enlargement. The left limb, right limb, and base of the pancreas presented hypoechoic to heterogeneous echogenicity compared to adjacent omental fat. Mild asymmetrical capsule margination was present with mild variable parenchymal swelling and mild peripancreatic reactivity / inflammation. No overt evidence of neoplasia. Left and right limb pancreatic duct dilation was present.

SEX

FS

Free Abdomen

AGE

2008

Intermittent, mildly prominent, mesenteric lymph nodes were present. These lymph nodes were homogenous, mildly hypoechoic and smoothly marginated. A normal width: length ratio was maintained (<0.5). Evidence of perilymphatic and peri intestinal mild hyperechoic omentum was evident. No evidence of peritoneal free fluid was noted.

ULTRASONOGRAPHIC FINDINGS

WEIGHT

7.9

- Enteropathy with concurrent subjective benign / reactive mesenteric lymphadenopathy
- Chronic to chronic active pancreatitis pattern
- Hepatopathy
- Moderate gallbladder debris with mild nonobstructive proximal common bile duct dilation - possible cholangitis
- Chronic renal changes with mild asymmetrical left kidney contour with suspected cortical infarcts

INTERPRETED BY

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

IMAGING

PERFORMED BY
Rebekah Jakum, CVT
ARDMS/RVT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Based on the gastrointestinal ultrasonographic changes with concurrent chronic to chronic active pancreatitis and hepatopathy, IBD or other chronic inflammatory enteropathy and Triaditis are considered most likely. Definitive diagnosis would require full-thickness intestinal and ideally hepato-pancreatic biopsies.

HOSPITAL NAME

Maple Hills VH

Empirically, as-needed gastrointestinal support and Triad Disease protocol would be reasonable. A GI panel to include PLI/TLI/Cobalamin/Folate is recommended. 24-48/Hour hospitalization with IV fluids, given dehydration, may prove beneficial.

REFERRING VET

Dr. Eckman

INVOICE

16273

DATE

2/22/23



PATIENT

Delilah Dudak

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

2008

WEIGHT

7.9

INTERPRETED BY

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

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Maple Hills VH

REFERRING VET

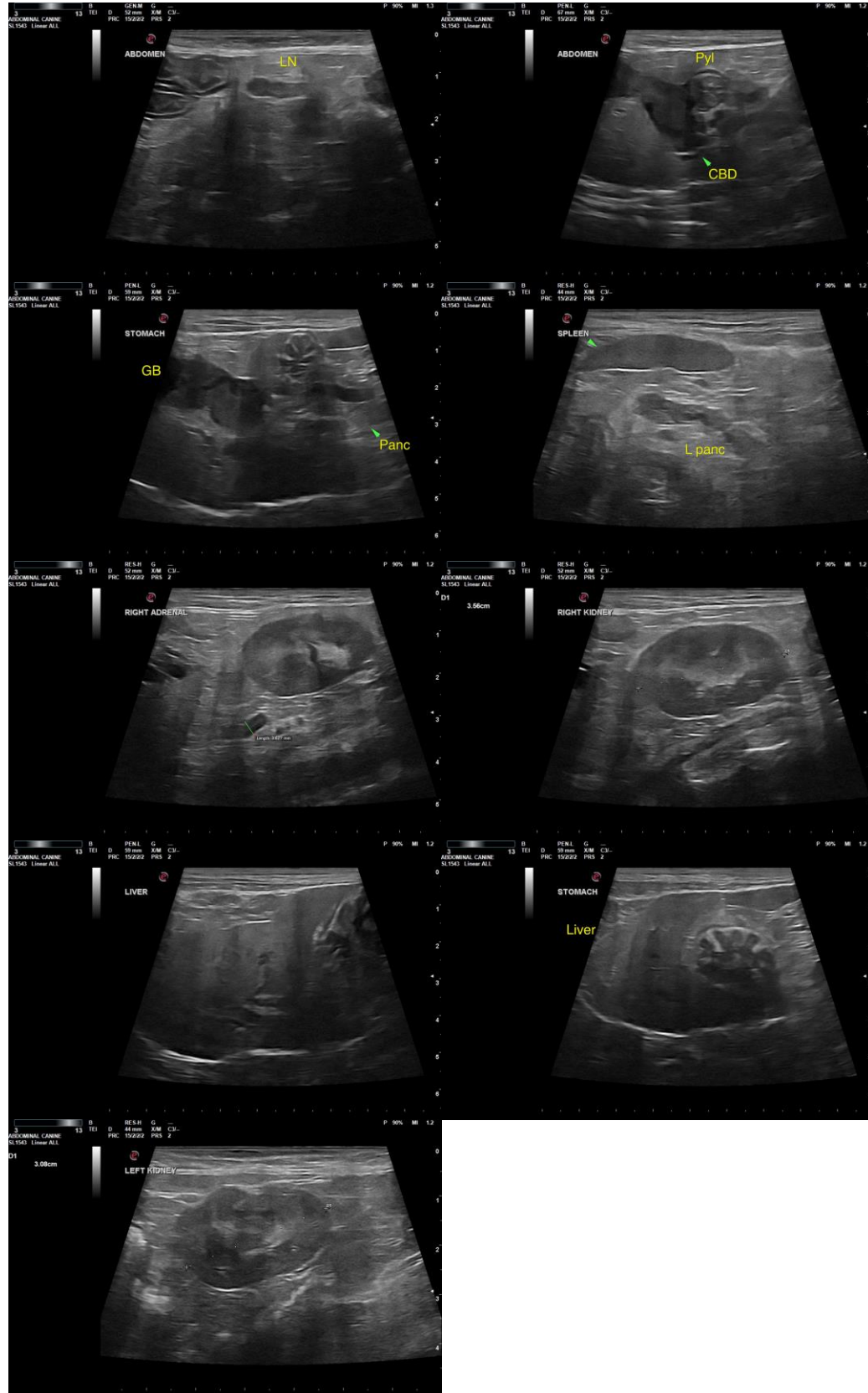
Dr. Eckman

INVOICE

16273

DATE

2/22/23





PATIENT

Delilah Dudak

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.

SPECIES

Feline

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.

BREED

DSH

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

SEX

FS

AGE

2008

WEIGHT

7.9

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Maple Hills VH

REFERRING VET

Dr. Eckman

INVOICE

16273

DATE

2/22/23