



PATIENT

Bucky Meyers

PRESENTING CLINICAL SIGNS

Previous ultrasound showed severe gastritis, recent worsening of symptoms, palpable rectal mass.
 Medication: Metronidazole, Prednisone, Panacur, B12, Entyce, Cerenia

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Terrier Mix

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.

SEX

MN

No obvious pathology associated with the residual prostate was noted.

AGE

2015

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 6.1 cm in length. The right kidney measured 6.1 cm in length.

WEIGHT

2015

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.48 cm length x 0.39 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 2.4 cm length x 0.41 cm width 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

HOSPITAL NAME

Lehigh Valley AH
 (Allen)

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. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

REFERRING VET

Dr. Meyer

INVOICE

15009

Gastrointestinal

Regional to generalized severe gastric wall thickening and loss of gastric wall layer detail was present. The thickened gastric walls exhibited decreased echogenicity and an asymmetrical luminal surface. Mild retained anechoic fluid along with luminal gas was present in the gastric lumen without evidence of foreign material. Gastric wall width measured up to 3.6 cm.

DATE

9-28-22



PATIENT

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.

Bucky Meyers

SPECIES

A large, distal descending to colorectal mural mass measuring at least 6.0-7.0 cm in length with wall width up to 4.0 cm was present. Segments of colon not involved with the mass exhibited intact and overtly normal wall layering exhibiting mild distention containing soft to nonformed fecal matter.

Canine

Pancreas

BREED

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.

Terrier Mix

SEX

Free Abdomen

MN

Midabdominal mesenteric root lymph nodes were present. The lymph nodes exhibited symmetrical to rounded margination with abnormal width: length ratio (>0.5). The enlarged lymph nodes were bordered by echogenic to reactive mesentery. An example of the mesenteric root lymph nodes measured 3.8 cm x 2.1 cm. Concurrent, mildly prominent homogeneous, mildly hypoechoic medial iliac lymph node was noted in the area of the iliac trifurcation measuring 1.4 cm x 0.6 cm. Regional perilymphatic hyperechoic mesentery was present. No evidence of peritoneal free fluid was noted.

AGE

2015

WEIGHT

2015

ULTRASONOGRAPHIC FINDINGS

- Distal descending colon / colorectal mural mass
- Concurrent regional to generalized gastric mural mass
- Associated hypoechoic to swollen mesenteric root and minor focal medial iliac lymphadenopathy, evidence of perilymphatic hyperechoic mesentery

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

IMAGING

PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

Although pending sampling is required for further assessment and potential definitive diagnosis, multicentric neoplastic criteria involving the stomach, distal descending colon to colorectum, and associated mesenteric lymph nodes, is most probable.

HOSPITAL NAME

Lehigh Valley AH
(Allen)

Oncology consult pending cytology with potential for chemotherapeutic intervention is recommended. This case appears to be nonsurgical. Three-view chest radiographs are recommended if not done.

REFERRING VET

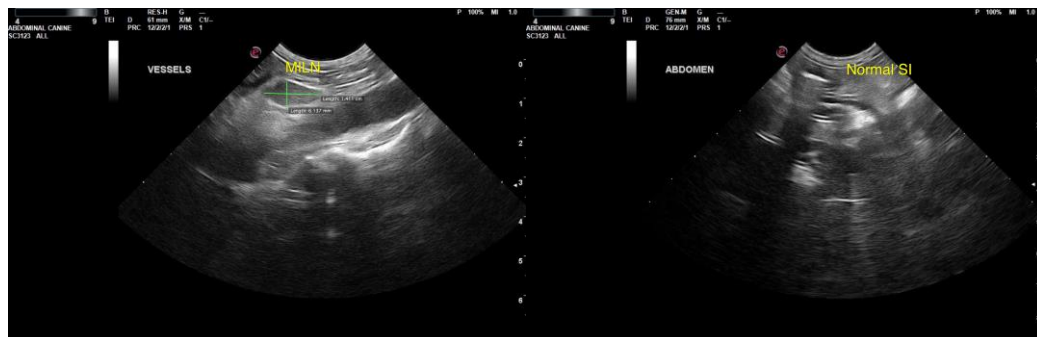
Dr. Meyer

INVOICE

15009

DATE

9-28-22





PATIENT

Bucky Meyers

SPECIES

Canine

BREED

Terrier Mix

SEX

MN

AGE

2015

WEIGHT

2015

INTERPRETED BY

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

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Lehigh Valley AH
(Allen)

REFERRING VET

Dr. Meyer

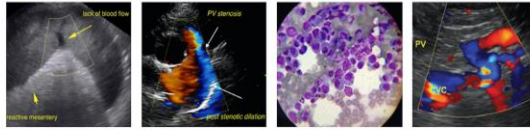
INVOICE

15009

DATE

9-28-22





PATIENT

Bucky Meyers

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

Canine

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

Terrier Mix

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

mac.daniel@sonopath.com

SEX

MN

AGE

2015

WEIGHT

2015

INTERPRETED BY

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

IMAGING

PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Lehigh Valley AH
(Allen)

REFERRING VET

Dr. Meyer

INVOICE

15009

DATE

9-28-22