



PATIENT PRESENTING CLINICAL SIGNS

Norman Gomez Presented 9/21/22 for difficulty passing BM for previous 2 weeks, blood noted when passing stools with a polyp-type mass protruding from the anal area.

SPECIES Medication: Metronidazole, Panacur, Fortiflora

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Dachshund

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra 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 were noted.

SEX

MN

AGE

2020

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 4.6 cm in length. The right kidney measured 4.8 cm in length.

The area of the aortic trifurcation was free of pathology.

WEIGHT

18.6

The residual prostate was free of pathology.

Adrenal Glands

INTERPRETED BY

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

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.47 cm width at the caudal pole and 2.0 cm length. The right adrenal gland was not definitively visualized.

Spleen

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

The spleen was enlarged exhibiting asymmetrical contour and generalized nonuniform to micronodular parenchyma. The micronodular changes were hypoechoic in echogenicity. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis.

Liver

HOSPITAL NAME

Lehigh Valley AH Allen

The liver was subjectively normal in size, structure, and contour. The liver parenchyma exhibited mild decreased parenchyma echogenicity with no overt masses or nodules. 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

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained minor retained echogenic ingesta with no signs of ileus, obstruction or foreign material.

INVOICE

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The small intestine exhibited multifocal mural masses with mild to moderate mural hypertrophy, decreased mural echogenicity and loss of wall layer detail. Concurrent small intestinal walls exhibiting intact wall layering with 1:3 muscularis/mucosa ratio were present. The lumen of the small intestine was empty with no signs of obstruction or foreign material. Intestinal wall width within the mural mass measured up to 1.1 cm. Minor associated segmental ileus was present.

DATE

09/26/2022



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

Norman Gomez **Pancreas**

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

SPECIES

Canine

Free Abdomen

Associated peri-intestinal to generalized hyperechoic mesentery and concurrent scant to mild volume peritoneal free fluid was present.

BREED

Dachshund

A large mid abdominal hypoechoic nonhomogeneous mass measuring at least 9-10 cm in diameter was present. The mass could indicate lymphatic origin with potential for nonobvious intestinal origin.

SEX

ULTRASONOGRAPHIC FINDINGS

MN

- Multiple small intestinal mural masses
- Large mid abdominal hypoechoic to non-homogeneous mass-suspect lymphatic origin
- Micronodular to moth eaten spleen
- Peri-intestinal to generalized hyperechoic mesentery and scant to mild volume peritoneal free fluid

AGE

2020

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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The sonographic abnormalities are consistent with multicentric round cell neoplastic criteria. The diffuse neoplastic changes involving the GI tract, spleen and likely mid abdominal lymph nodes precludes surgical options in this case. An ultrasound guided FNA of the mid abdominal mass +/- spleen for cytology and potential for oncology consult with immediate chemotherapeutic intervention may be considered. An unfavorable prognosis is likely indicated.

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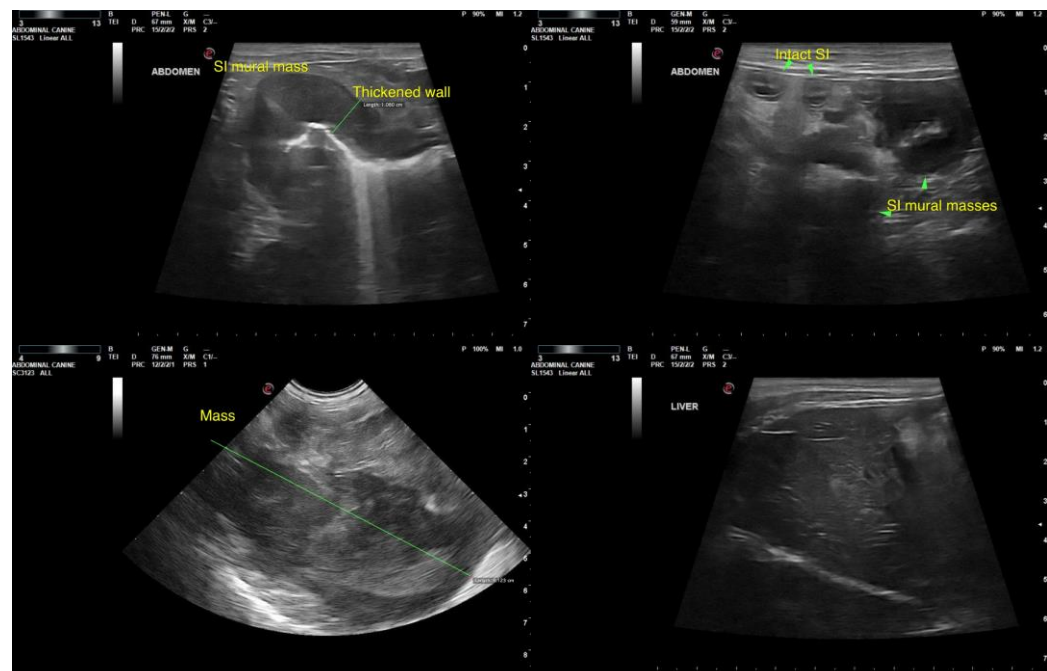
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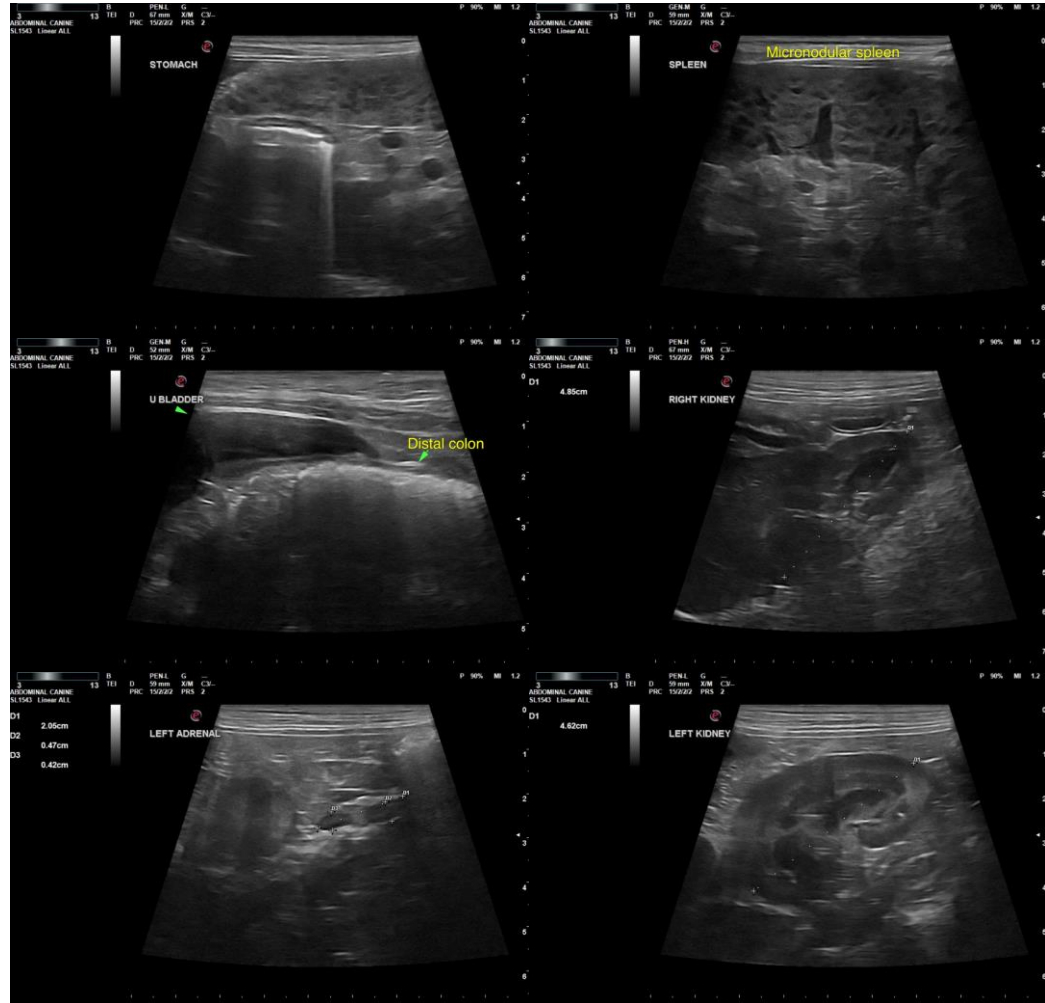
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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