



PATIENT PRESENTING CLINICAL SIGNS

Bella Hassler History: Lethargy, SQ MCT Benadryl, Pepcid

SPECIES Abnormal PE/Chem/CBC/UA Results: WBC 30.0 w/lymphocytosis, neutropenia and monocytosis. CBC path review revealed immature leukocytosis with intermediate sized leukocytes/lymphocytes most consistent with acute leukemia or lymphoma.

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED *Urinary System*

GRT The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3 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

Spayed female The area of the aortic trifurcation was free of pathology.

AGE

9 years 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 minor loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 6.9 cm in length. The right kidney measured 7.0 cm in length.

WEIGHT

83 pounds

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.70 cm width at the caudal pole and 0.43 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.79 cm width at the caudal pole and 1.3 cm width at the cranial pole.

INTERPRETED BY

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

Spleen

The spleen exhibited generalized enlargement and maintained symmetrical capsule contour and a finely textured homogenous parenchyma exhibiting mildly decreased parenchyma echogenicity. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. No splenic masses or nodules were noted.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

Liver/ Gallbladder

The liver exhibited mild to moderate generalized enlargement and primarily symmetrical to mildly rounded contour. The liver exhibited decreased parenchyma echogenicity with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. No hepatic masses or nodules were noted. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content with mild debris. The cystic and common bile ducts were normal.

HOSPITAL NAME

Stanglein VC

REFERRING VET

Dr. DiNello

Gastrointestinal

INVOICE

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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.

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.

DATE

04/12/2022

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



PATIENT *Pancreas*

Bella Hassler 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.

SPECIES *Free Abdomen*

Canine A solitary mildly prominent to enlarged medial iliac lymph node was present. The lymph node was essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). The lymph node measured 4.4 cm width x 1.3 cm.

BREED No omental masses, omental lymphadenopathy or peritoneal effusion was present.

GRT

- SEX**
- Hepatosplenomegaly exhibiting uniform decreased parenchyma echogenicity.
 - Nonspecific medial iliac lymphadenopathy.
 - Mild age related kidneys.
 - Sonographically unremarkable GI tract.
- Spayed female

AGE
9 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT
83 pounds

Although sampling is required for further assessment, concern for hepatosplenic round cell neoplasia is warranted given the hepatosplenic presentation in conjunction with the CBC abnormalities and pathology review. Potential for benign etiologies i.e. reactive/vacuolar hepatopathy, splenic hematopoiesis, hyperplasia or other possible. Correlation with hepatosplenic and medial iliac lymph node FNA is warranted with potential for oncology consult and/or further differentiation technique such as flow cytometry.

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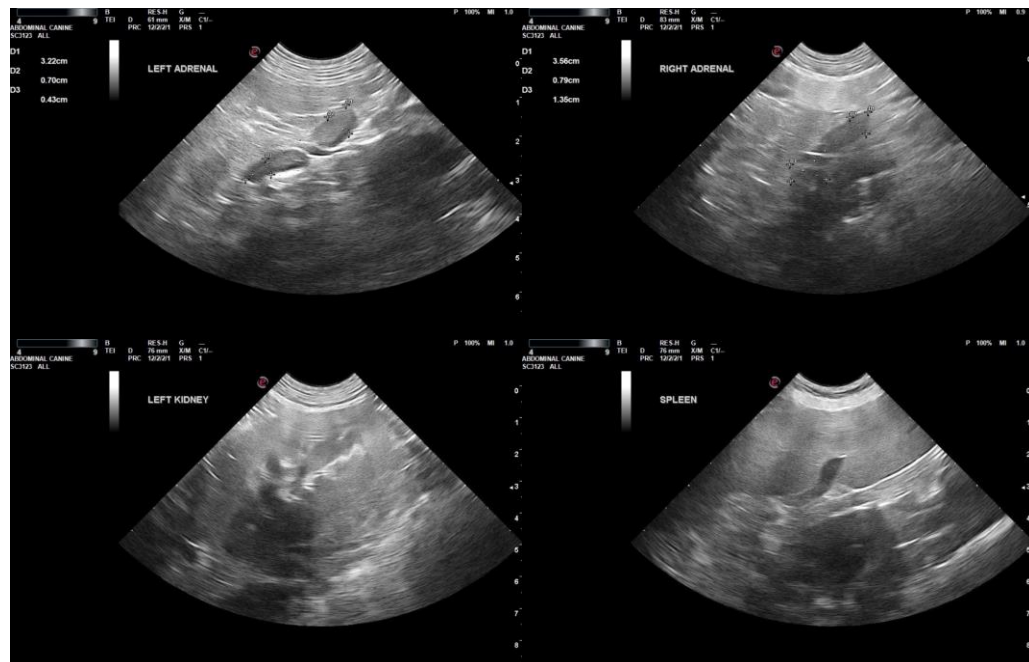
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PATIENT

Bella Hassler

SPECIES

Canine

BREED

GRT

SEX

Spayed female

AGE

9 years

WEIGHT

83 pounds

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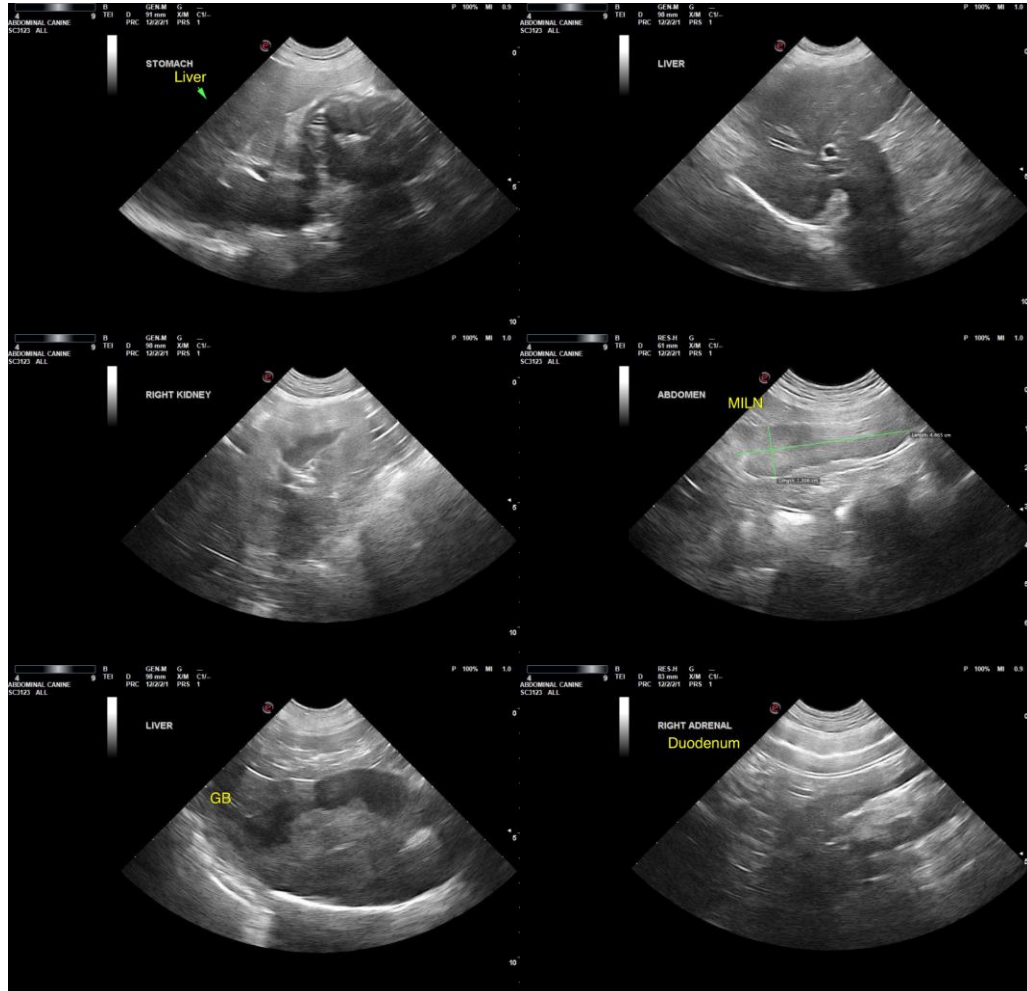
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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