



PATIENT PRESENTING CLINICAL SIGNS

Opie Lynch

History: Reactive to belly palpation. Seemed a bit off this past 3 weeks. Regenerative anemia and euthyroid sick syndrome on bloodwork. NO current meds.

SPECIES

Abnormal PE/Chem/CBC/UA Results: RBCs low 3.7, High retics 155, Low free T4 and low CTCH, Low Hematocrit 0.27, Hemoglobin low 91.

Canine

BREED

Labrador Retriever

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Urinary bladder is adequately distended with anechoic contents. No masses, inflammatory changes, echogenic sediment or cystoliths are observed. The urinary bladder, trigone and visible pelvic urethra are normal in thickness with a smooth mucosal surface.

SEX

Prostate is normal in size, echotexture and echogenicity for a neutered male.

Neutered Male

Left kidney is normal is size (6.88 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

AGE

10 Years

Right kidney is normal is size (7.33 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

WEIGHT

45.7 kg

Adrenal Glands

Left adrenal gland is normal in size (2.56 cm long x 0.86 cm at cranial pole and 0.75 cm at caudal pole), shape and overall architecture, echogenicity and echotexture. Visible surrounding vasculature appears normal.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Right adrenal gland is normal in size (2.1 cm long x 1.45 cm at cranial pole and 0.93 cm at caudal pole), shape and overall architecture, echogenicity and echotexture. Visible surrounding vasculature appears normal.

IMAGING PERFORMED BY

Crystal Hill

Spleen

In the area of the spleen, attached to the spleen, there is a large 6+ x 7+ cm heterogenous cavitated mass, resulting in capsular disruption. The mesenteric fat surrounding the splenic mass is enhanced/hyperechoic.

HOSPITAL NAME

Beamsville AH

Liver

Liver is subjectively normal in size with normal smooth curvilinear peripheral contour. Parenchyma is appropriately hypoechoic to the spleen in echogenicity and appropriately mildly coarse and homogenous in echotexture. No focal lesions are observed. Visible vasculature and biliary tree appear normal without distension or congestion.

REFERRING VET

Dr. Song

INVOICE

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Gallbladder is moderately distended with anechoic bile as well as mild suspended and gravity dependent echogenic debris. The wall is smooth without visible thickening. There is no evidence of cystic or CBD dilation. There is no evidence of effusion or inflammation.

DATE

12/19/22

Gastrointestinal



PATIENT	The visible stomach wall is normal in thickness and layering. The lumen of the stomach is empty with no evidence of obstruction, foreign material or infiltrative disease. Pyloric outflow tract appears patent.
Opie Lynch	
SPECIES	The visible small intestines are normal in wall thickness and layering. Small intestinal motility appears adequate (1-3 contractions per min). The lumen of the small intestine is empty with no evidence of obstruction, foreign material or infiltrative disease.
Canine	
BREED	The visible colon is normal in wall thickness and layering. Contents are consistent with normal formed feces and gas.
Labrador Retriever	
SEX	<i>Pancreas</i> The observed pancreas appears appropriately isoechoic to surrounding omental fat. Visible capsule is smooth and normal in contour. Visible pancreatic parenchyma is homogenous and unremarkable. There is no visible pancreatic duct dilation. There is no evidence of active peripancreatic inflammation.
Neutered Male	
AGE	<i>Free Abdomen</i> There is no evidence of peritoneal effusion. There is no apparent lymphadenopathy.
10 Years	
WEIGHT	ULTRASONOGRAPHIC FINDINGS
45.7 kg	Primary Findings
INTERPRETED BY	<ul style="list-style-type: none"> Heterogenous cavitated splenic mass. This is most concerning for infiltrative neoplasia, such as hemangiosarcoma versus other. However, benign splenic lesions, including hematomas, extramedullary hematopoiesis, etc. can mimic malignant lesions and cannot be differentiated without tissue sampling.
Eric Lindquist, DMV DABVP, Cert. IVUSS	Secondary Findings
IMAGING PERFORMED BY	<ul style="list-style-type: none"> Mild gallbladder debris - Cholecystic debris is of unknown clinical significance. It can be seen with biliary stasis from fasting or illness. Cholecystic debris is not necessarily related to hepatobiliary disease. Echogenic bile is most commonly an incidental finding in dogs and should be interpreted in combination with clinical signs such as nausea, inappetence, cranial abdominal discomfort and/or laboratory changes such as increased ALP and/or increased Tbili.
Crystal Hill	INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
HOSPITAL NAME	This patients reported anemia is likely secondary to hemorrhage within the described splenic mass. Recommendations include:
Beamsville AH	<ul style="list-style-type: none"> Three view thoracic radiographs are recommended for further assessment of cardio-pulmonary status as well as to further evaluate for any evidence of metastatic disease, if not recently evaluated.
REFERRING VET	<ul style="list-style-type: none"> An exploratory laparotomy for planned splenectomy is recommended.
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BREED

Labrador Retriever

SEX

Neutered Male

AGE

10 Years

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**IMAGING
PERFORMED BY**

Crystal Hill

HOSPITAL NAME

Beamsville AH

REFERRING VET

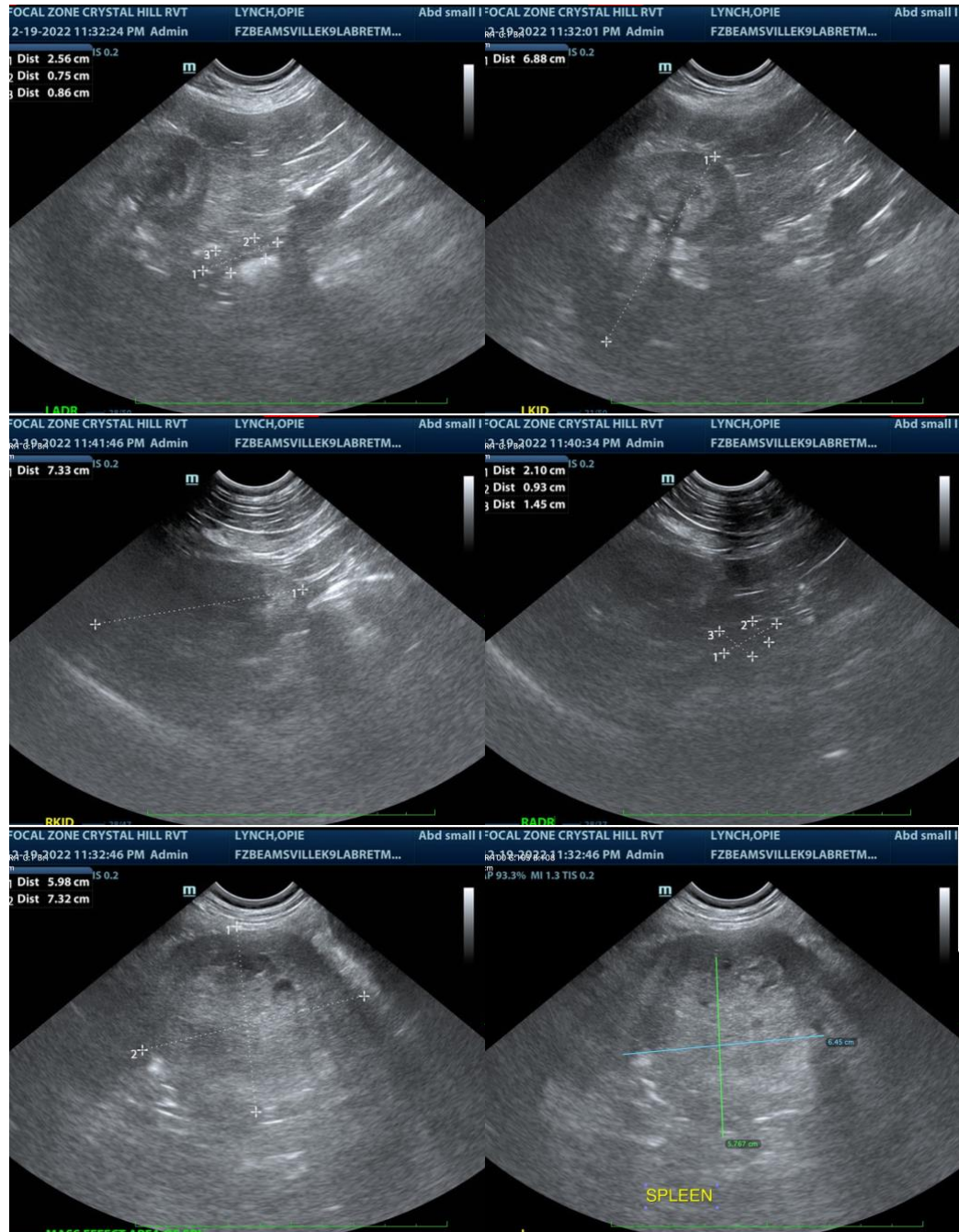
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HOSPITAL NAME

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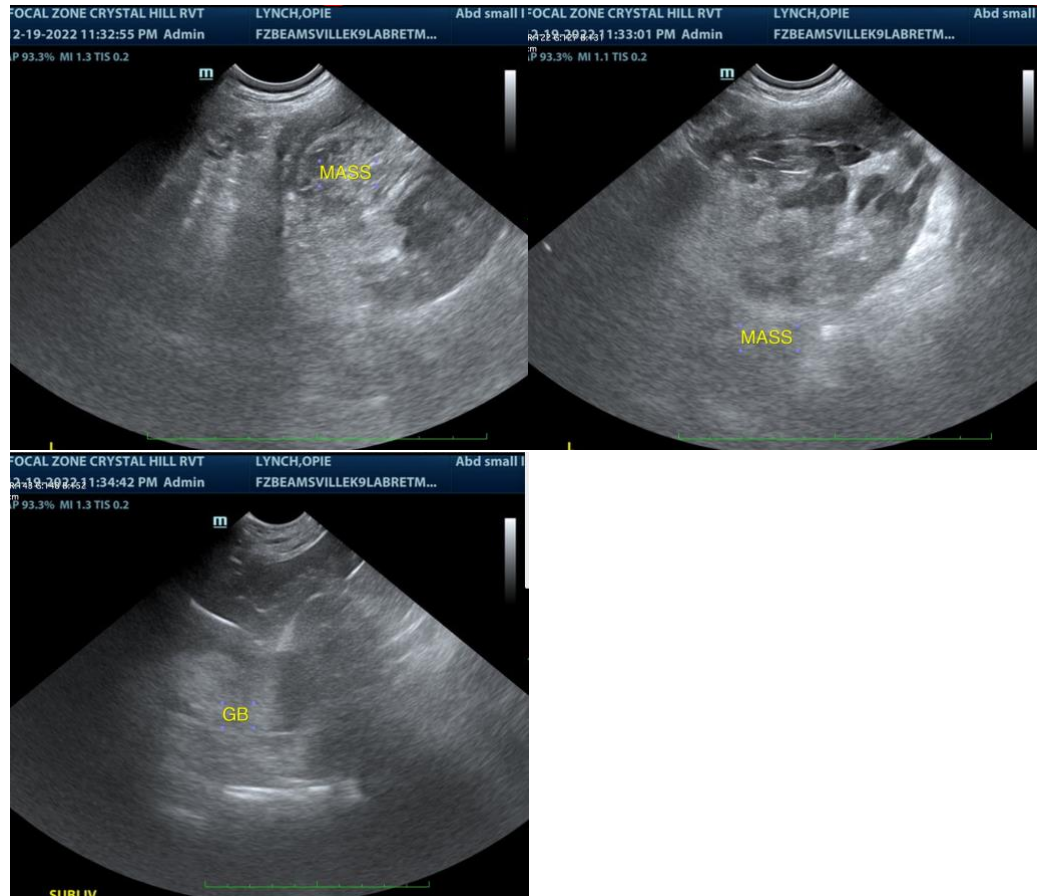
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Beth Johnson, DVM DACVIM

Beth.Johnson@SonoPath.com