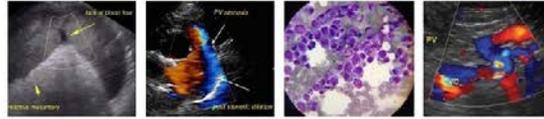


<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Angel Elliott	Rushed dog home from cottage where she was acting unwell. Slightly pale gums during scan. Xray showed some loss of detail, suspicion for abnormal spleen.
<b>SPECIES</b>	<b>ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN</b>
Canine	<b>Urinary System</b>
<b>BREED</b>	The urinary bladder is moderately 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.
Black Labrador	The right kidney is normal in size (6.38 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.
<b>SEX</b>	The left kidney is normal in size (4.68 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.
Spayed Female	
<b>AGE</b>	<b>Adrenal Glands</b>
9 Years	The right adrenal gland is normal in size (2.0 cm long x 1.48 cm at the cranial pole and 0.70 cm at the caudal pole), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.
<b>WEIGHT</b>	The left adrenal gland is normal in size (2.4 cm long x 0.56 cm at the cranial pole and 0.65 cm at the caudal pole), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.
38 kg	
<b>INTERPRETED BY</b>	<b>Spleen</b>
Beth Johnson, DVM DACVIM	The spleen is subjectively normal in size with a normal smooth capsular contour. Parenchyma is appropriately finely textured and homogenous with normal echogenicity relative to surrounding tissue (hyperechoic to liver). An approximately 4.0 cm heterogeneous, mixed, partially cavitated mass is noted, extending from the head/cranial portion of the spleen. Splenic vasculature appears normal.
<b>IMAGING PERFORMED BY</b>	<b>Liver</b>
Crystal Hill	The 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. The caudal left lateral portion of the liver contains a mixed, heterogeneous area adjacent to the splenic mass that can't be definitively attached to the liver versus an extension of the splenic mass. Visible vasculature and biliary tree appear normal without distension or congestion.
<b>HOSPITAL NAME</b>	The gallbladder is non-distended in size. The wall is smooth without visible thickening. Luminal contents are primarily anechoic. There is no evidence of cystic or common bile duct dilation.
BPH Stoney Creek	
<b>REFERRING VET</b>	<b>Gastrointestinal</b>
Dr. Baskin/Salib	The stomach wall is normal in thickness (canine < 0.5 cm and feline < 0.4 cm) and layering. The lumen of the stomach is empty with no evidence of obstruction, foreign material or infiltrative disease. Pyloric outflow tract appears patent.
<b>INVOICE</b>	
40761	
<b>DATE</b>	The visible small intestines are normal in wall thickness and layering (canine duodenum < 0.5 cm and feline duodenum < 0.4 cm; other < 0.3 cm). Small intestinal motility appears adequate (1-3 contractions
8/25/22	



**PATIENT**

Angel Elliott

per min). The lumen of the small intestine is empty with no evidence of obstruction, foreign material or infiltrative disease.

The visible colon is normal in wall thickness (< 0.2 cm) and layering. Contents are consistent with normal formed feces and gas.

**SPECIES**

Canine

**Pancreas**

The pancreatic parenchyma is appropriately isoechoic to surrounding tissue. Visible capsule is smooth and normal in contour. There is no visible pancreatic duct dilation. There is no evidence of active peripancreatic inflammation.

**BREED**

Black Labrador

**Free Abdomen**

There is a large amount of echogenic free fluid.

**SEX**

Spayed Female

There is no apparent lymphadenopathy noted in these images.

**ULTRASONOGRAPHIC FINDINGS**

**AGE**

9 Years

- Heterogeneous, mixed, partially cavitated splenic mass – concerning for infiltrative neoplasia such as sarcoma versus other. Benign lesion such as a cyst, hematoma or extramedullary hematopoiesis can mimic malignant lesions and cannot be definitively ruled out. While the bulk of the visibly abnormal tissue may all be splenic in origin adjacent to the left lateral caudal liver, involvement of the caudal left lateral liver lobe is suspected.

**WEIGHT**

38 kg

- Large amount of echogenic free fluid – concerning for possible hemoabdomen versus other.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**INTERPRETED BY**

Beth Johnson, DVM  
DACVIM

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.

**IMAGING PERFORMED BY**

Crystal Hill

Sampling of the abdominal fluid is recommended to determine whether this patient has a hemoabdomen. If the free fluid is representative of a hemoabdomen, an exploratory laparotomy with planned splenectomy +/- liver nodule removal is recommended. I cannot say if the liver is definitively involved. However, if it is, the lesion appears readily resectable.

**HOSPITAL NAME**

BPH Stoney Creek

If the patient is stable, and an alternative to surgery is elected, first a fine needle aspirate of the mass could be considered, if patient's coagulation status is appropriate. However, there is a risk for hemorrhage with this approach.

**REFERRING VET**

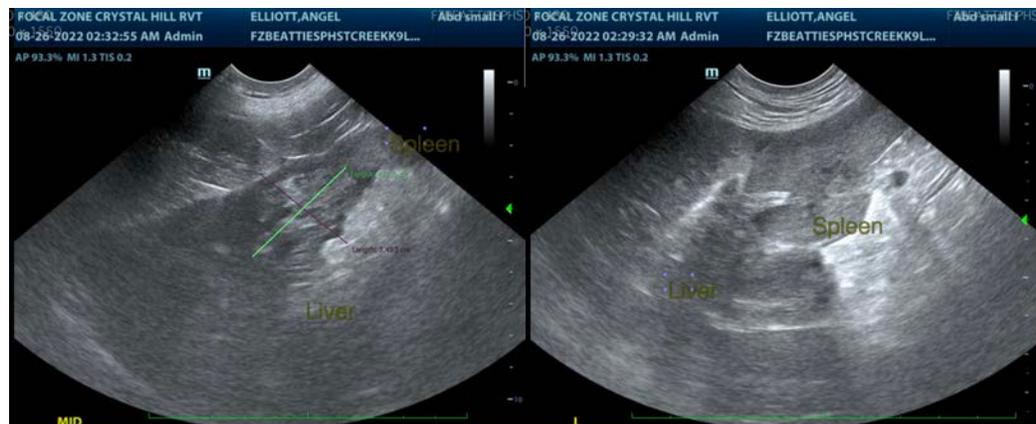
Dr. Baskin/Salib

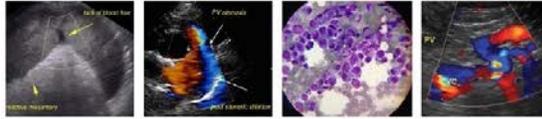
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**DATE**

8/25/22





**PATIENT**

Angel Elliott

**SPECIES**

Canine

**BREED**

Black Labrador

**SEX**

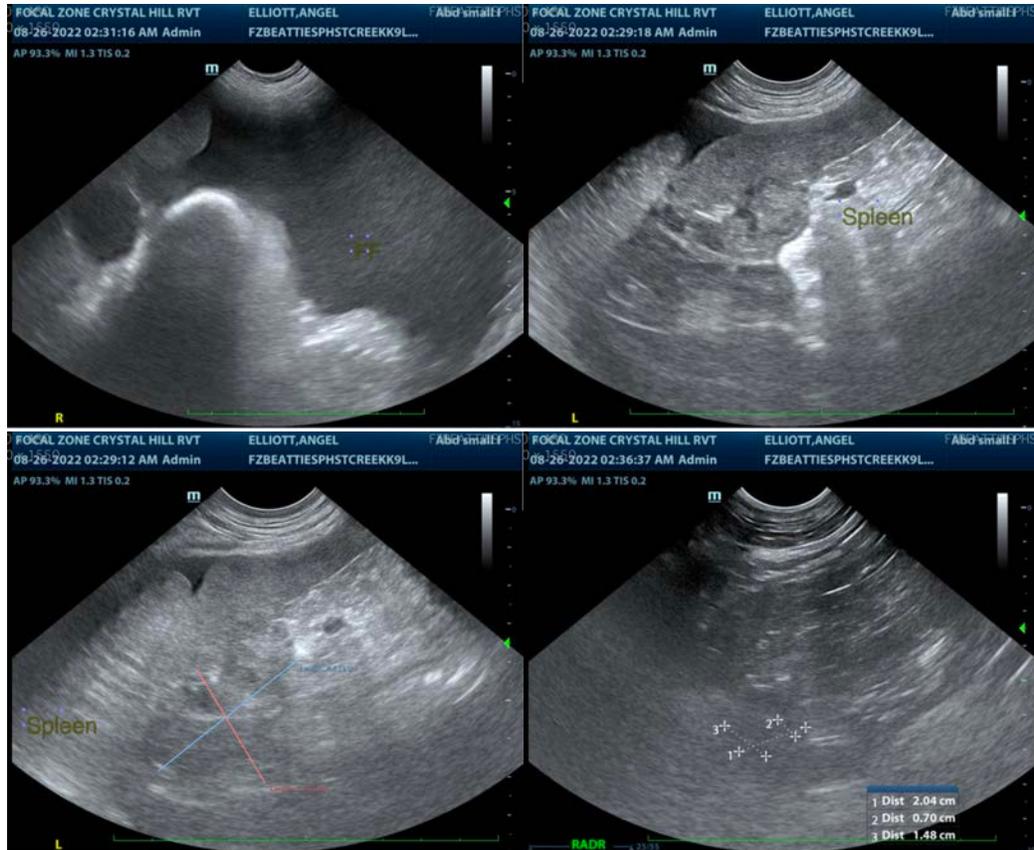
Spayed Female

**AGE**

9 Years

**WEIGHT**

38 kg



**INTERPRETED BY**

Beth Johnson, DVM  
DACVIM

**IMAGING PERFORMED BY**

Crystal Hill

**HOSPITAL NAME**

BPH Stoney Creek

**REFERRING VET**

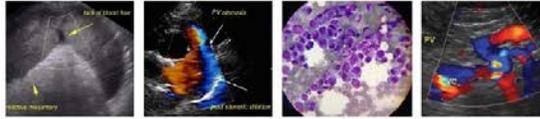
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**PATIENT**

Angel Elliott

**SPECIES**

Canine

**BREED**

Black Labrador

**SEX**

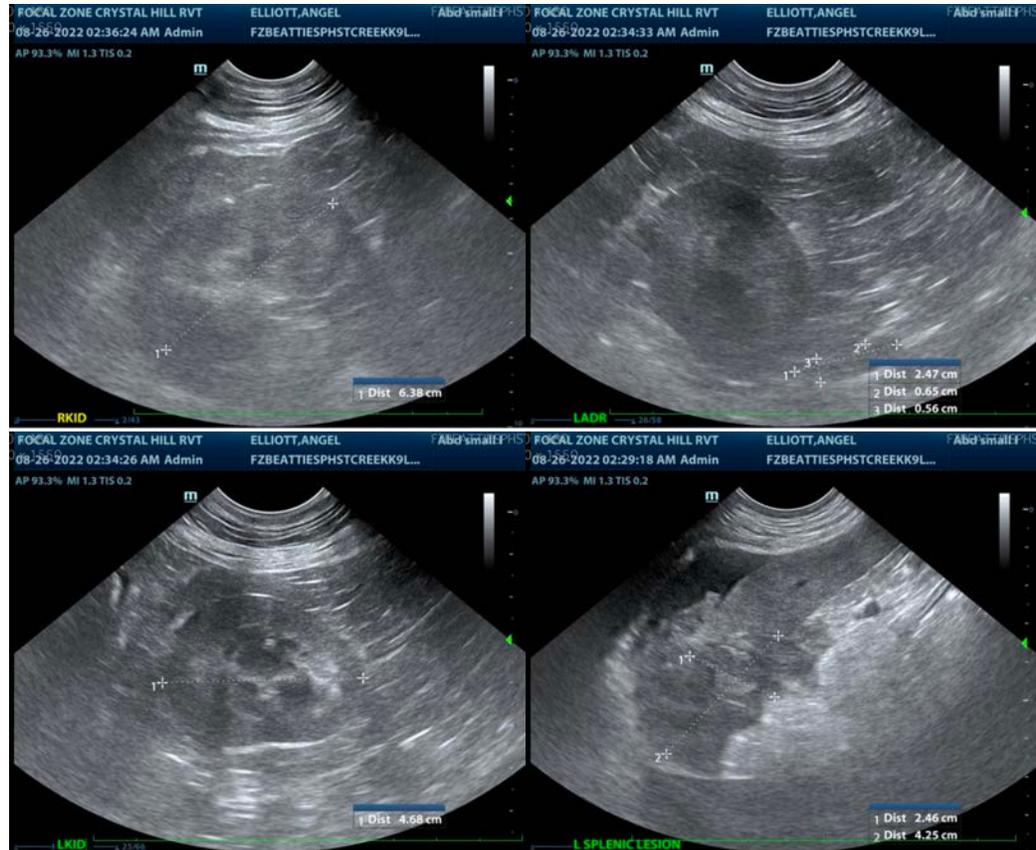
Spayed Female

**AGE**

9 Years

**WEIGHT**

38 kg



**INTERPRETED BY**

Beth Johnson, DVM  
DACVIM

**IMAGING PERFORMED BY**

Crystal Hill

**HOSPITAL NAME**

BPH Stoney Creek

**REFERRING VET**

Dr. Baskin/Salib

**INVOICE**

40761

**DATE**

8/25/22

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.

**Beth Johnson, DVM, DACVIM**  
Beth.Johnson@sonopath.com