



<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Eloise Sova	History: episodic weakness mild labored breathing
<b>SPECIES</b>	Abnormal PE/Chem/CBC/UA Results: ultrasound revealed small amount of free fluid in the abdomen and splenic mass.
Canine	<b>ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN</b>
<b>BREED</b>	<b>Urinary System</b>
Bull Mastiff	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. Aortic trifurcation was normal.
<b>SEX</b>	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 8.2 cm in length. The right kidney measured 7.9 cm in length.
Spayed Female	<b>Adrenal Glands</b>
<b>AGE</b>	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.66 cm width at the caudal pole and 0.63 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 0.56 cm width at the caudal pole and 0.58 cm width at the cranial pole.
9 Years	<b>Spleen</b>
<b>WEIGHT</b>	The spleen exhibited solitary to possible multiple mildly expansive nonhomogenous small mass to masses. An example measured 3.6 cm in diameter. The mass to masses resulted in mild distortion of the associated splenic capsule. Adjacent regional hypoechoic splenic parenchyma with potential for splenic subcapsular fluid accumulation, hematoma, infarct or mild perisplenic effusion possible. Definitive mild volume peritoneal free fluid was present exhibiting primarily anechoic appearance, along with subtle perisplenic to regional cranial abdominal hyperechoic mesentery. No overt lymphadenopathy.
114 Pounds	<b>Liver</b>
<b>INTERPRETED BY</b>	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.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	<b>Gastrointestinal</b>
<b>IMAGING PERFORMED BY</b>	The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild nonshadowing ingesta/chyme without signs of obstruction or foreign material.
Amy Mayhew, LVT	The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. Segmental mild nonshadowing ingesta/chyme was present.
<b>HOSPITAL NAME</b>	
SVS Imaging MI	
<b>REFERRING VET</b>	
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20105	
<b>DATE</b>	
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**PATIENT** Normal visible colon wall layers were present with apparent formed feces in lumen.

Eloise Sova **Pancreas**

**SPECIES** 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 was evident.

Canine

**Free Abdomen**

**BREED** No overt lymphadenopathy or peritoneal effusion was present.

Bull Mastiff

**ULTRASONOGRAPHIC FINDINGS**

**Primary Findings**

- Spayed Female
- Solitary to possible multiple mildly expansive nonhomogenous small splenic mass to masses. Potential for concurrent splenic infarct, hematoma, subcapsular fluid accumulation
  - Mild volume peritoneal effusion- potential hemoabdomen
  - Sonographically normal liver

**AGE**

9 Years

**Secondary Findings**

- Sonographically normal gastrointestinal tract with mild gastric and segmental intestinal ingesta/chyme

**WEIGHT**

114 Pounds

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Sonographically, the appearance of the splenic mass to possible masses is most consistent with neoplastic criteria, i.e., sarcoma, round cell neoplasia, or other. No overt evidence of intraabdominal metastasis, although the possibility of nonobvious perisplenic omental seeding or micrometastasis in these cases cannot be definitively excluded. Assuming no evidence of thoracic pathology on three view chest radiographs and pending echocardiographic assessment, splenectomy with gross inspection of the perisplenic omentum and liver would be warranted.

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Amy Mayhew, LVT

**HOSPITAL NAME**

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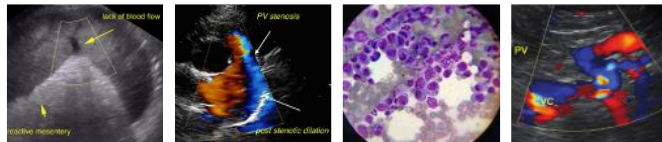
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**PATIENT**

Eloise Sova

**SPECIES**

Canine

**BREED**

Bull Mastiff

**SEX**

Spayed Female

**AGE**

9 Years

**WEIGHT**

114 Pounds

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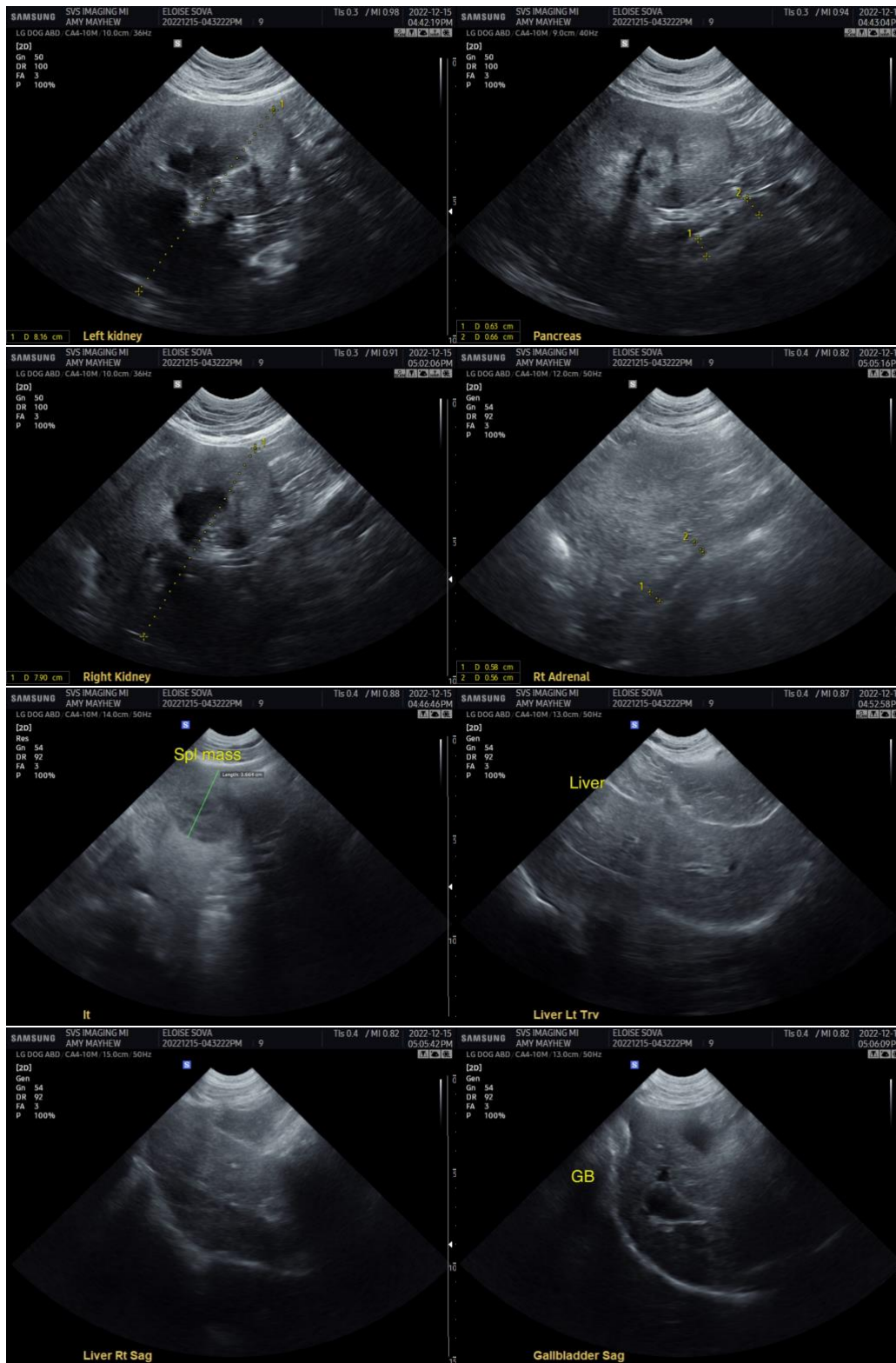
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**SPECIES**

Canine

**BREED**

Bull Mastiff

**SEX**

Spayed Female

**AGE**

9 Years

**WEIGHT**

114 Pounds

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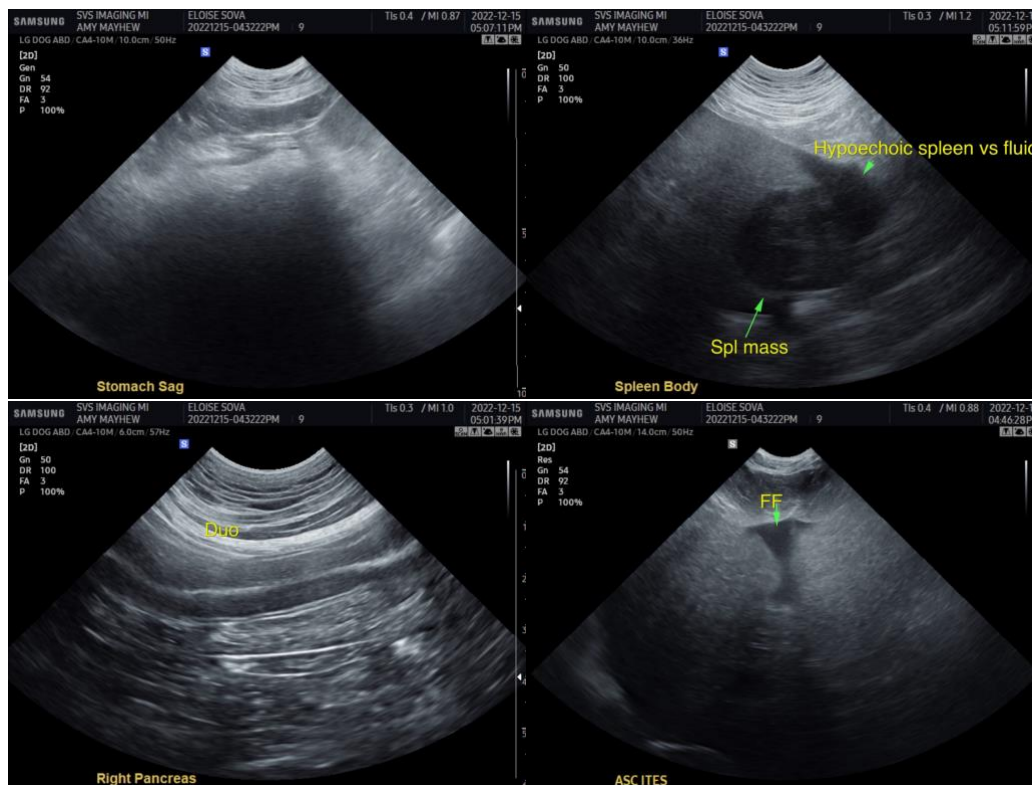
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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