



PATIENT	PRESENTING CLINICAL SIGNS
Bauer Day	Large abdominal mass identified on radiographs in October. Suspected bleeding from mass a few weeks ago.
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Canine	Urinary System
BREED	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 were noted.
Lab Mix	
SEX	Normal size and margination were 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 mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. Bilateral intermittent cortical infarcts were present. The left kidney measured 6.1 cm in length. The right kidney measured 6.1 cm in length
MN	
AGE	The area of the aortic trifurcation was free of pathology.
11yr	The area of the residual prostate appeared normal and free of pathology.
WEIGHT	The area of the iliac trifurcation was free of pathology including no evidence of medial, iliac or sublumbar lymphadenopathy.
21.2kg	Adrenal Glands
INTERPRETED BY	The left adrenal gland was not definitively visualized owing to periadrenal artifact secondary to splenic mass. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.67 cm width.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	Spleen
IMAGING PERFORMED BY	A large mass involving the mid to caudal spleen with secondary asymmetrical capsule expansion and disruption was present and measured ~ 14 cm in diameter. The parenchyma of the mass was heterogeneous to mixed echogenic with areas of cavitation. The non-affected spleen exhibited primarily finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Regional mild omental inflammation was present around the mass. Potential for omental adhesions to the splenic mass is possible. No evidence of splenic mass rupture or overt peritoneal free fluid.
Dr. Barthelemy	Liver
HOSPITAL NAME	The liver presented enlarged in size. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion.
Signal Hill Animal Hospital	
REFERRING VET	The gallbladder was non-distended in size with primarily anechoic luminal content. The cystic and common bile ducts were normal.
Dr. Sweet	Gastrointestinal
INVOICE	
12239ag	
DATE	
11/25/2022	



PATIENT

Bauer Day

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.

SPECIES

Canine

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.

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

Pancreas

BREED

Lab Mix

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.

SEX

MN

Free Abdomen

Regional mild omental inflammation was present around the splenic mass. Potential for omental adhesions to the splenic mass is possible. No evidence of splenic mass rupture or overt peritoneal free fluid.

AGE

11yr

Rapid view of the heart revealed no overt evidence of cardiac/pericardial masses/metastasis or effusion in the visible window.

ULTRASONOGRAPHIC FINDINGS

WEIGHT

21.2kg

- Non-homogeneous cavitated splenic mass
- Mild hepatic parenchymal remodeling-subjectively benign
- Mild chronic renal changes with bilateral cortical infarcts

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Although histopathology is required for definitive diagnosis, the splenic mass is most suggestive of neoplasia such as sarcoma or other. Benign pathologies are possible yet considered less likely. No overt evidence of intra-abdominal/cardiac metastasis or splenic mass rupture was present in this study. Potential for micro metastasis or non sonographically evidence metastasis cannot be definitely excluded yet no overt contraindications to splenectomy assuming no evidence of thoracic metastasis on three view chest radiographs. A guarded prognosis pending splenic mass histopathology and potential oncology consult.

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Barthelemy

HOSPITAL NAME

Signal Hill Animal
Hospital

REFERRING VET

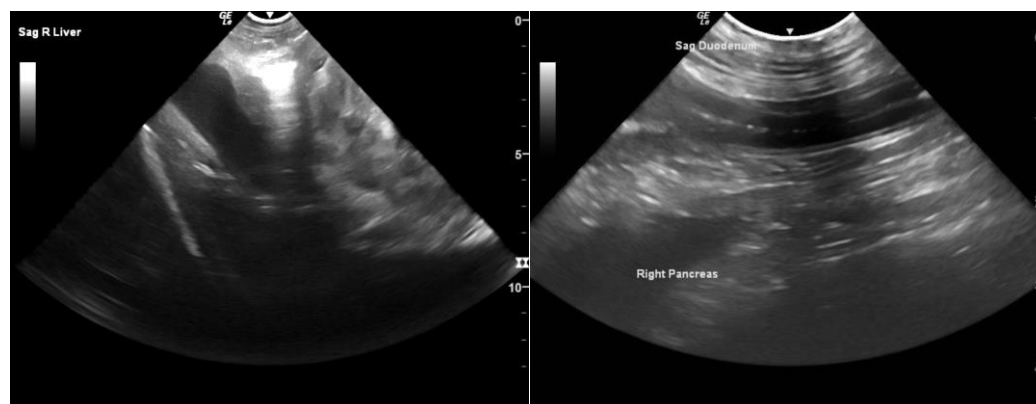
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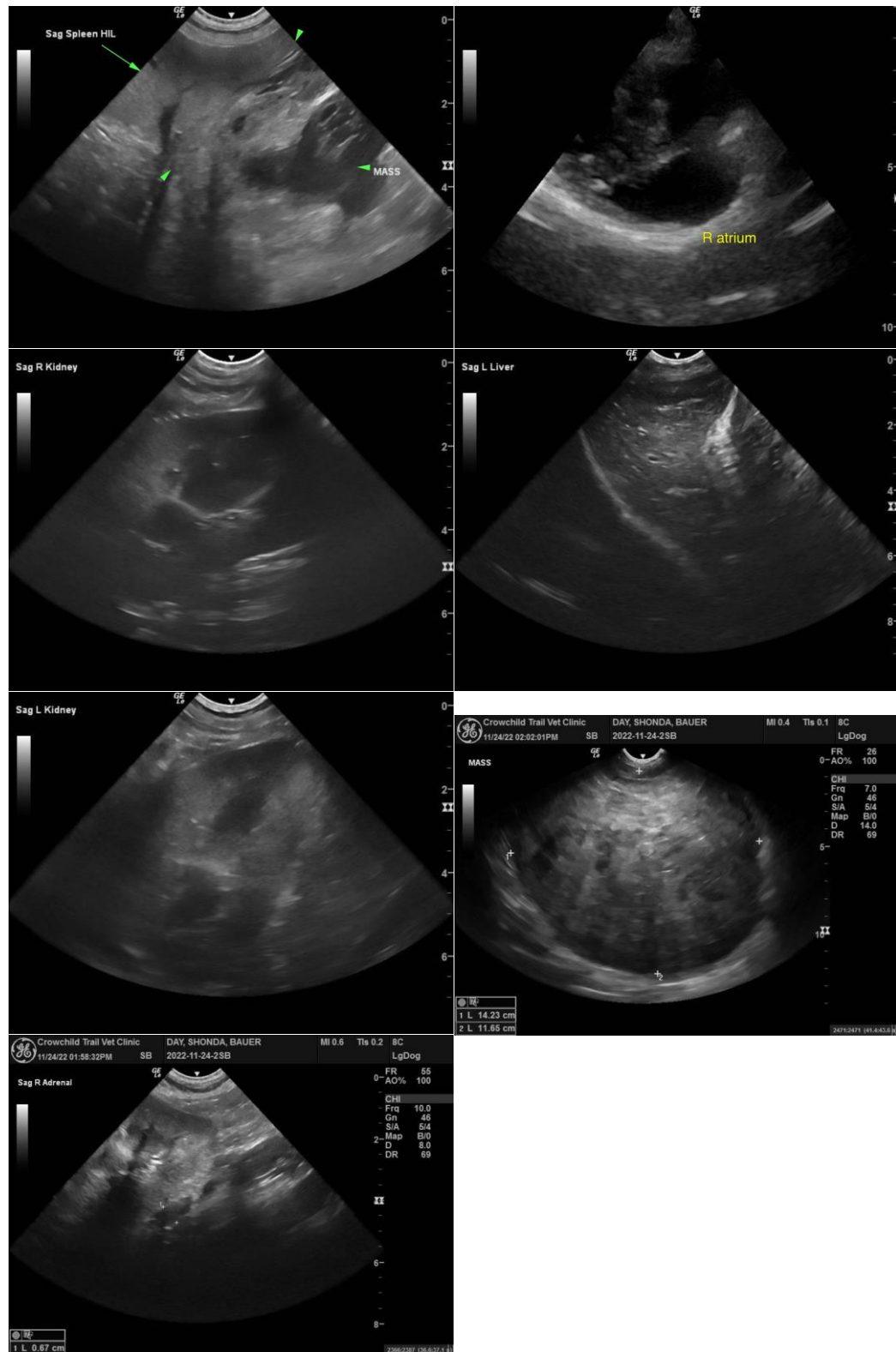
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



PATIENT

Bauer Day

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.

SPECIES

Canine

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

mac.daniel@sonopath.com

BREED

Lab Mix

SEX

MN

AGE

11yr

WEIGHT

21.2kg

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