



PATIENT PRESENTING CLINICAL SIGNS

Belle Adair History: Presented for lump on leg. No clinical signs.

SPECIES

Abnormal PE/Chem/CBC/UA Results: Mild anemia. Normal PE. Chest rads done today.

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 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.

Border Collie

SEX

No evidence of medial iliac or sublumbar lymphadenopathy.

Spayed Female

AGE

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. The left kidney measured 5.9 cm in length. The right kidney measured 5.9 cm in length.

12.5 Years

WEIGHT

Adrenal Glands

Both adrenal glands were overtly normal in size, position and shape. The left adrenal gland measured 0.64 cm. The right adrenal gland measured 0.45 cm width at the cranial pole and 0.42 cm width at the caudal pole.

51.1 Pounds

INTERPRETED BY

Spleen

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

A moderately sized mass involving the subjective mid to caudal spleen, measured approximately 12.0 cm in diameter. Irregular contour was noted in the mass with mixed echogenic to variable nodular parenchyma. The parenchyma of the mass revealed areas of cavitation. The non-affected spleen exhibited mild parenchyma heterogeneity. A separate mildly expansive well-demarcated mid to cranial splenic nodule was noted, exhibiting mildly echogenic parenchyma with mildly hypoechoic periphery, measuring 2.2 cm in diameter. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis.

IMAGING PERFORMED BY

Amy Mayhew, LVT

HOSPITAL NAME

Liver

SVS Imaging MI

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion. A solitary nonhomogenous nondisruptive intraparenchymal nodule was noted in the subjective caudal mid to left liver, measuring 2.4 cm in diameter. The hepatic intraparenchymal nodule did not distort the hepatic capsule. No obvious evidence of additional hepatic nodules or masses noted.

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Practice

INVOICE

The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

20363

DATE

Gastrointestinal

1/4/23



PATIENT	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.
Belle Adair	
SPECIES	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.
Canine	Normal visible colon wall layers were present with apparent formed feces in lumen.
BREED	Pancreas
Border Collie	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	Free Abdomen
Spayed Female	Mild perisplenic hyperechoic omentum was noted. No evidence of perisplenic or peritoneal free fluid. Potential for possible omental adhesions to the splenic mass cannot be excluded.
AGE	Other
12.5 Years	The right auricular view was normal.
WEIGHT	ULTRASONOGRAPHIC FINDINGS
51.1 Pounds	<ul style="list-style-type: none"> • Irregular nonhomogenous/nodular splenic mass with concurrent separate mildly expansive splenic nodule • Hepatic parenchymal remodeling with nonspecific yet suspicious intraparenchymal nodule • Mild chronic renal changes
INTERPRETED BY	INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	Although histopathology is required for definitive diagnosis, the splenic mass is most suggestive of neoplastic criteria such as sarcoma, round cell neoplasia, i.e., lymphoma, mast cell neoplasia or other. Benign etiologies, such as nodular to irregular hyperplasia, hematopoiesis, granuloma, splenitis are possible yet considered unlikely.
IMAGING PERFORMED BY	Considerations for the hepatic nodule may include hyperplasia, hematopoiesis, small granuloma or similar, although concern for intrahepatic metastasis, given the hepatic nodule location and concurrent splenic mass, is warranted.
Amy Mayhew, LVT	FNA cytology of the nodule in the leg, as well as, if accessible, nonspecific hepatic nodule to assess for evidence of multicentric neoplastic criteria is recommended. Correlation with pending chest radiographs are recommended.
HOSPITAL NAME	
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PATIENT

Belle Adair

SPECIES

Canine

BREED

Border Collie

SEX

Spayed Female

AGE

12.5 Years

WEIGHT

51.1 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Amy Mayhew, LVT

HOSPITAL NAME

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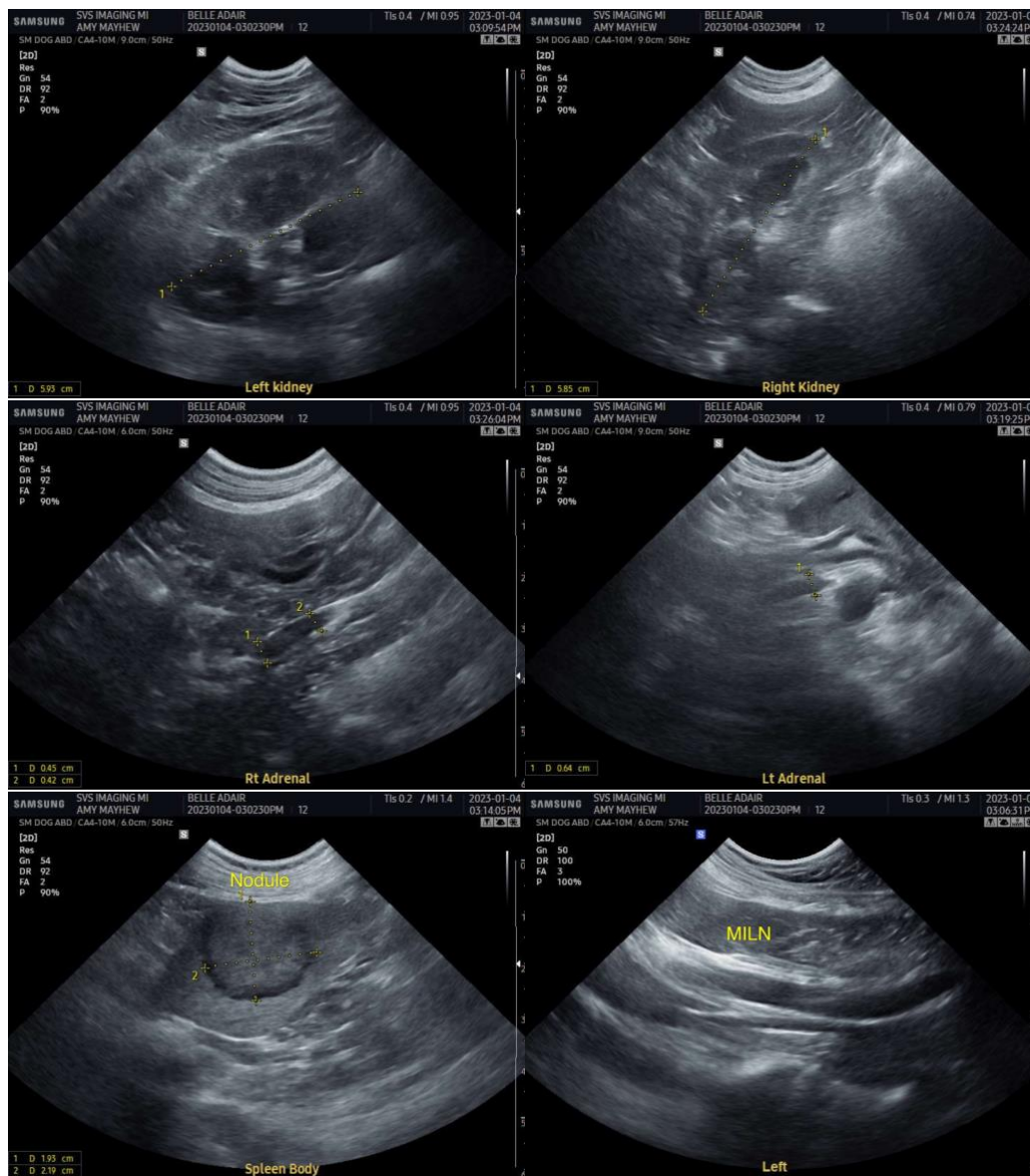
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PATIENT

Belle Adair

SPECIES

Canine

BREED

Border Collie

SEX

Spayed Female

AGE

12.5 Years

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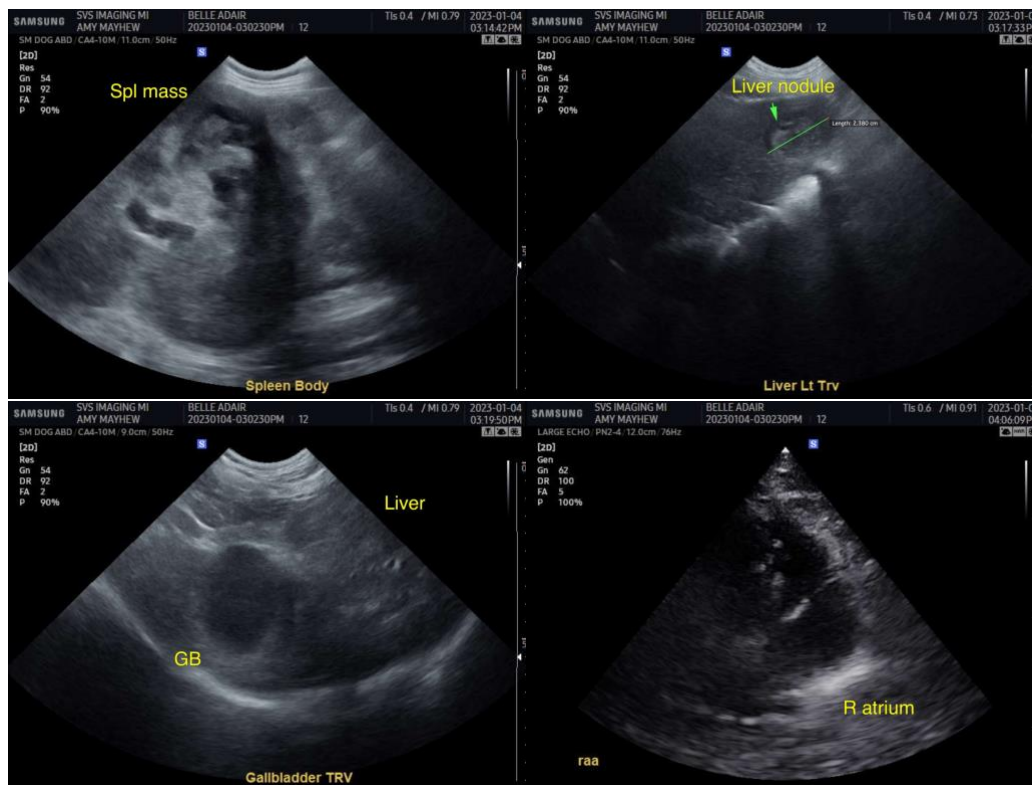
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)
info@SonoPath.com