



PATIENT

Reggie Schneider

SPECIES

Canine

BREED

Labrador Retriever

SEX

M-Intact

AGE

8y, 4m

WEIGHT

106 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

VCA Blairstown AH

REFERRING VET

Dr. Zeliff

INVOICE

16508

DATE

4/6/23

PRESENTING CLINICAL SIGNS

Lethargy, pale mm. R/O Splenic mass vs other.

Abnormal PE/Chem/CBC/UA Results: Mild anemia, regenerative neutrophilia, spherocytes.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, and cystourethral junction 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 was noted.

The prostate was enlarged in size with an intact, symmetrical capsule contour. The margins of the gland were intact and able to be differentiated from the surrounding tissue. The prostatic parenchyma was mildly echogenic to heteroechoic without parenchymal mineralization. The prostate measured 3.0 cm in diameter.

The area of the aortic trifurcation was free of pathology.

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 7.4 cm in length. The right kidney measured 7.4 cm in length.

Adrenal Glands

The bilateral adrenal glands were overtly normal in size, position, and shape. The left adrenal gland measured 2.1 cm length x 0.64 cm width at the caudal pole. The right adrenal gland measured 2.3 cm length x 0.63 cm width at the caudal pole.

Spleen

The spleen was normal to possibly mildly subnormal in size owing to volume contraction yet maintained a symmetrical capsule contour with subtle parenchyma heterogeneity. No definitively visualized splenic nodules or masses were noted.

Liver/ Gallbladder

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. Intermittent subtly expansive, well-demarcated, hypoechoic intraparenchymal nodules were present. Some of the nodules exhibited potential for central echogenicity with hypoechoic periphery, possibly suggestive of target-like nodules. An example measured 0.8 cm in diameter. Normal hepatic vascular volume without evidence of congestive hepatic criteria was present. No overt definitively visualized hepatic mass was



PATIENT	evident. The gallbladder was non-distended in size with primarily anechoic luminal content. The cystic and common bile ducts were normal.
Reggie Schneider	
SPECIES	<i>Gastrointestinal</i>
Canine	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.
BREED	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.
Labrador Retriever	Normal visible colon wall layers were present with apparent formed feces in lumen.
SEX	<i>Pancreas</i>
M-Intact	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 were evident.
AGE	<i>Free Abdomen</i>
8y, 4m	Moderate to significant volume peritoneal effusion exhibiting mild effusion echogenic changes suggestive of mild fluid cellularity was present. Generalized mild nonuniform omentum was noted. No overtly or definitively visualized evidence of omental lymphadenopathy or an omental mass was noted.
WEIGHT	ULTRASONOGRAPHIC FINDINGS
106 lbs.	<i>Primary Findings</i>
INTERPRETED BY	<ul style="list-style-type: none"> • Moderate to significant volume peritoneal effusion - consistent with reported hemoabdomen • Overtly normal spleen with potential mild splenic volume contraction • Hepatomegaly exhibiting normal vascular volume, nonspecific yet suspicious intraparenchymal nodules with potential target lesions • Sonographically unremarkable gastrointestinal tract • Generalized mild nonuniform omentum
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	<i>Secondary Findings</i>
IMAGING PERFORMED BY	<ul style="list-style-type: none"> • Benign prostatic hyperplasia
Shari Reffi, CVT	<u>INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS</u>
HOSPITAL NAME	A definitive hepatosplenic or omental mass as a clear cause of the hemoabdomen was not obvious. Clotting status is suggested. However, if normal clotting status, primary concern for underlying intraabdominal neoplasia, which may be primarily hepatic in origin or with evidence of hepatic intraparenchymal nodular metastasis, would be of primary concern. Three-view chest radiographs are suggested if not done. Assuming no evidence of pathology on three view chest radiographs, exploratory laparotomy with potential for intraoperative euthanasia may be required for definitive clarification.
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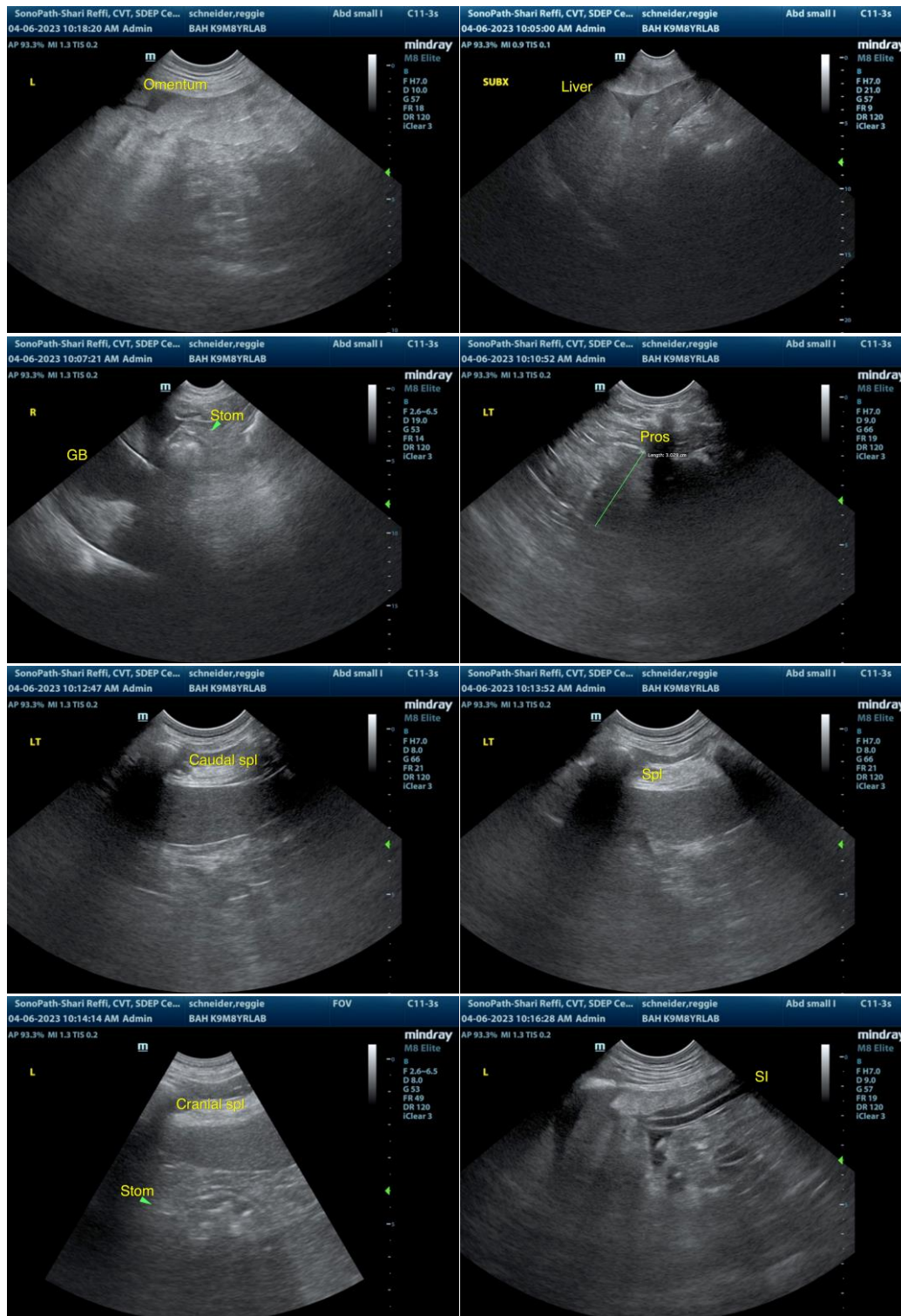
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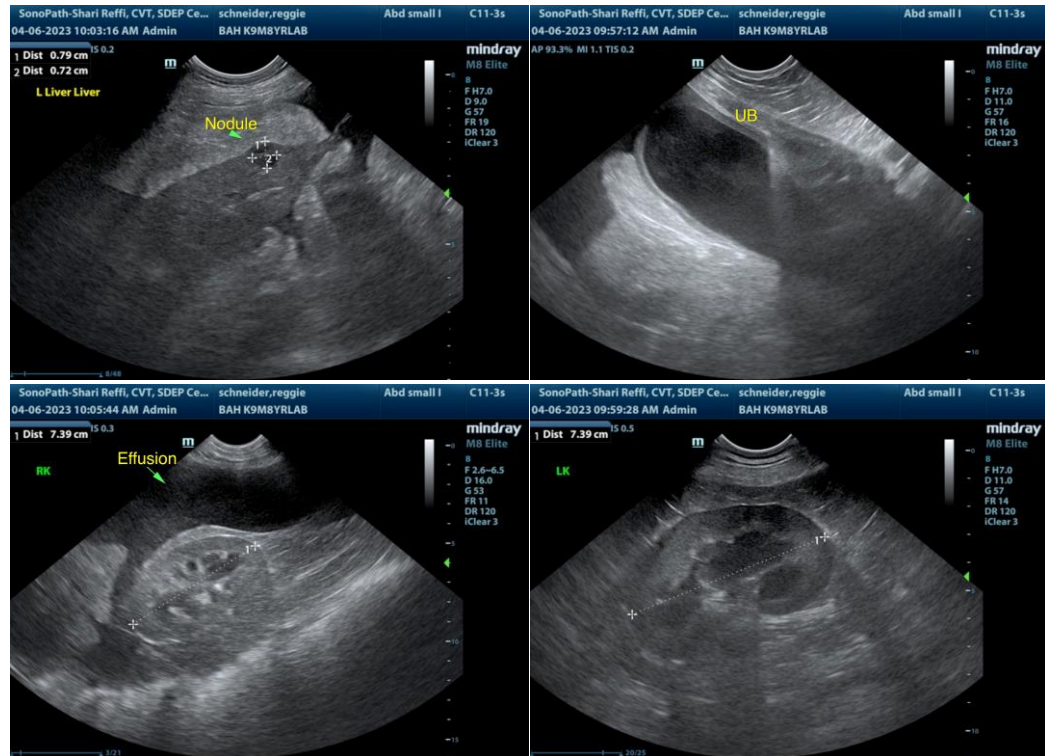
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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