



PATIENT

Riley Brown

PRESENTING CLINICAL SIGNS

Vomiting, hyporexia, trembling after eating
ALP=177 (20-150) U/L, ALT=484 (10-118) U/L, K=3.6 (3.7-5.8) mmol/L

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

French Bulldog

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

SEX

Spayed Female

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 5.0 cm.

AGE

9 years

WEIGHT

20.4 lbs

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 0.6 cm. The right adrenal gland measured 0.8 cm at the cranial pole and 0.4 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Green

Spleen

The **spleen** revealed a parenchymal mass that measured 5.0 cm with hyperechoic lipogranulomatous type change. The remainder of the spleen was unremarkable.

HOSPITAL NAME

Healing Spirit Animal
Wellness

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

REFERRING VET

Dr. Green

INVOICE

96406

DATE

2/28/22



PATIENT *Gastrointestinal*

Riley Brown Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. Transit of chyme into the small intestine was normal. Soft stool was noted in the colon. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

SPECIES

Canine

BREED *Pancreas*

French Bulldog The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

SEX

Spayed Female

ULTRASONOGRAPHIC FINDINGS

AGE Subjectively benign, yet pedunculated splenic mass. This may be incidental. Hyperplastic mass versus hemangiosarcoma are the primary concerns.

9 years

Mild inflammatory hepatopathy.

WEIGHT

20.4 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Three view chest radiographs and echocardiogram are recommended to assess for metastatic disease followed by splenectomy. Gastric and hepatic biopsies are all indicated given the patient's history even though structurally the GI tract appears unremarkable.

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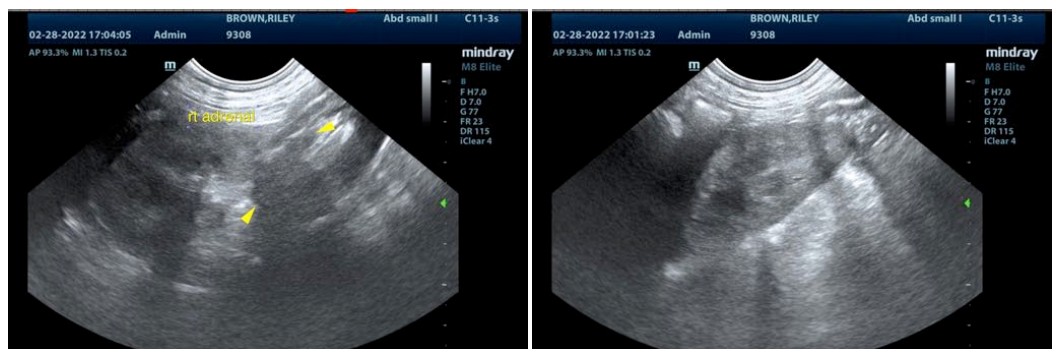
Dr. Green

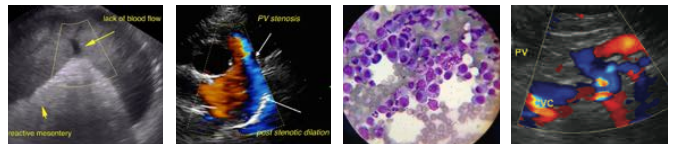
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SPECIES

Canine

BREED

French Bulldog

SEX

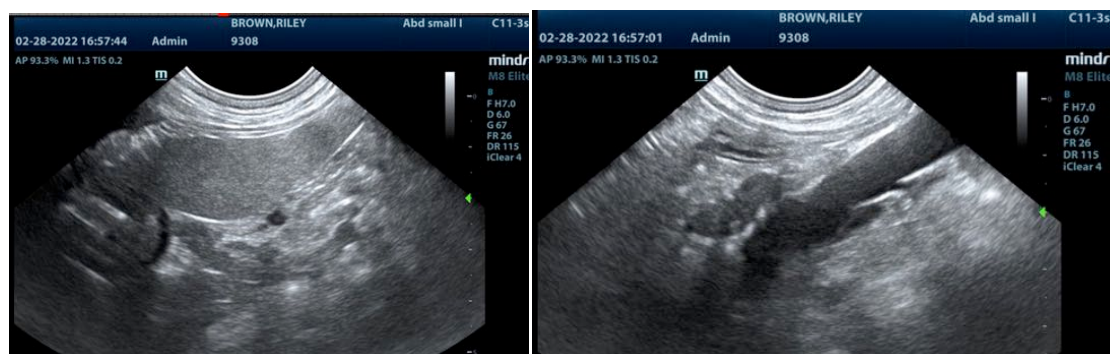
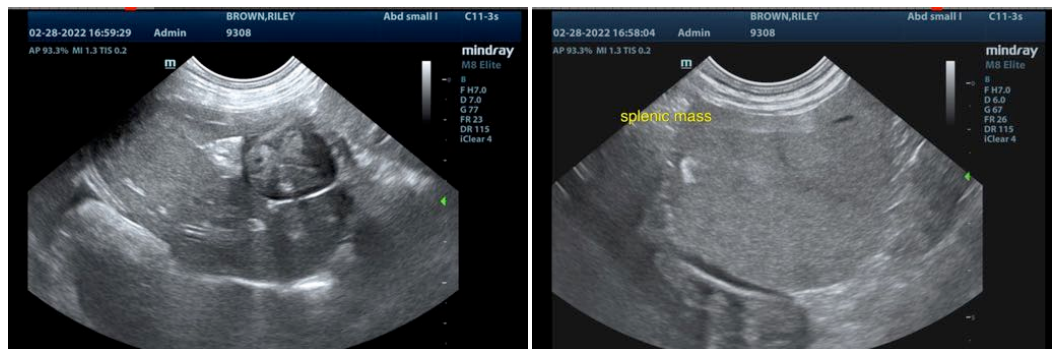
Spayed Female

AGE

9 years

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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.

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