

PATIENT

Bear Nelson

PRESENTING CLINICAL SIGNS

History: Recent history lower energy, reduced appetite. Seems to have trouble eating his normal kibble. No weight loss. Palpable mass effect in central abdomen, although not large - rule out ingesta vs mass. Clindamycin 75 mg twice daily

SPECIES

Canine Abnormal PE/Chem/CBC/UA Results: Attached

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Cairn Terrier

Urinary System

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 were noted. Ureteral papillae were normal. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction. The prostate measured 5.0 mm.

SEX

Neutered Male

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some moderate age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 4.42 cm. The right kidney measured 4.8 cm.

AGE

9 Years

WEIGHT

15.5 Pounds

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 1.49 cm x 0.38 cm at the cranial pole and 0.48 cm at the caudal pole. The right adrenal gland measured 1.8 cm x 0.8 cm at the cranial pole and 0.5 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

HOSPITAL NAME

Amazon Park AC

Liver

REFERRING VET

Dr. Cameron Jones

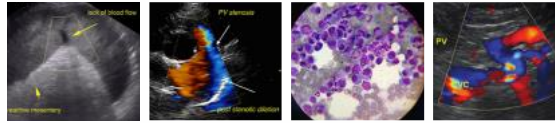
The **liver** images from right and left intercostal as well as subcostal views revealed slight uniform enlargement. Some minor age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion 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.

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Gastrointestinal

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. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

SPECIES

Canine

Pancreas

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.

BREED

Cairn Terrier

Heart

SEX

A rapid view of the **heart** revealed no evident pathology.

Neutered Male

ULTRASONOGRAPHIC FINDINGS

AGE

- Benign abdomen- no evidence of masses
- Age-related renal and hepatic changes

9 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

15.5 Pounds

The spleen was completely normal. All the mid abdomen was fully imaged with no evidence of masses present. I do not believe there is any abdominal pathology that is overtly responsible for the clinical signs. Given the lower energy and reduced appetite, orthopedic/spinal pain or oral/esophageal pathology should be considered. The structure that was palpated was likely a folded spleen as there is no evidence of pathology and imaging was very complete in the abdomen. Splenic folding or positioning is likely the cause of the lateral radiograph appearance and palpable tissue enlargement on physical exam.

INTERPRETED BY

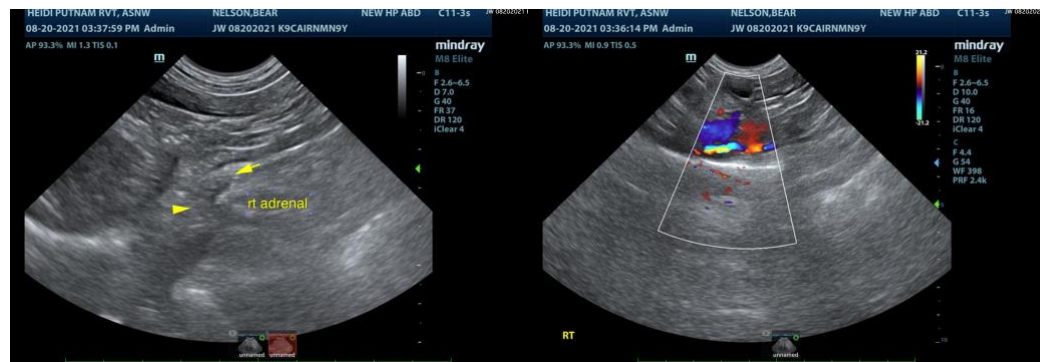
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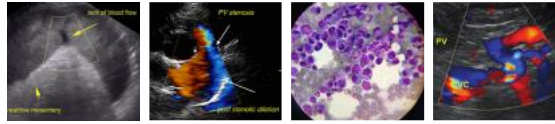


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Neutered Male

AGE

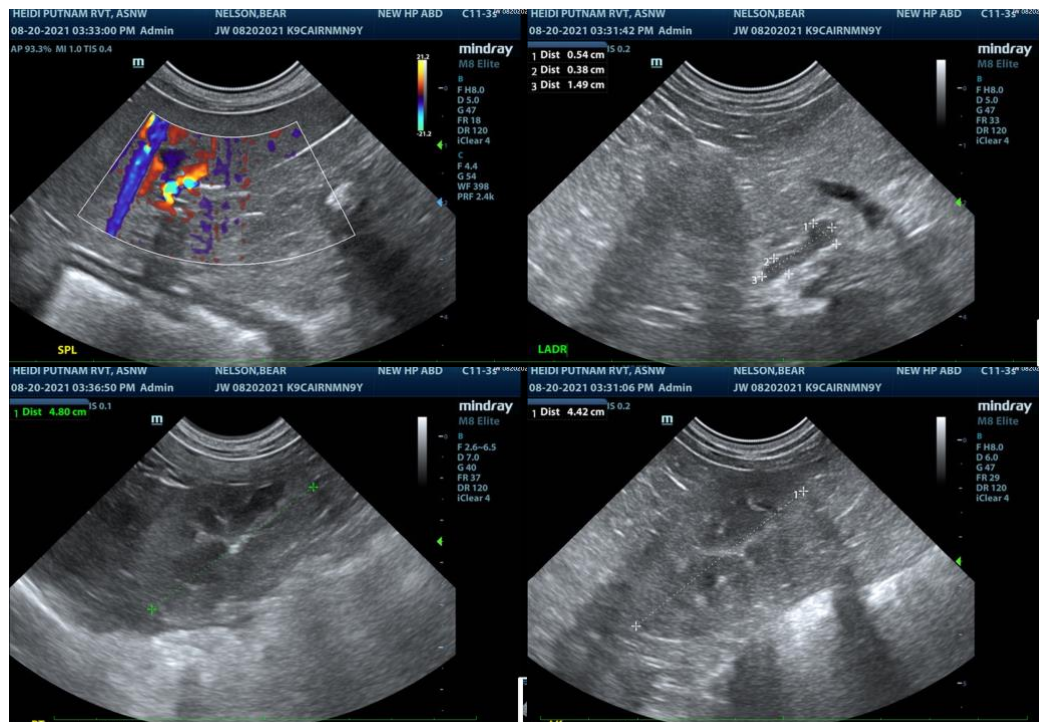
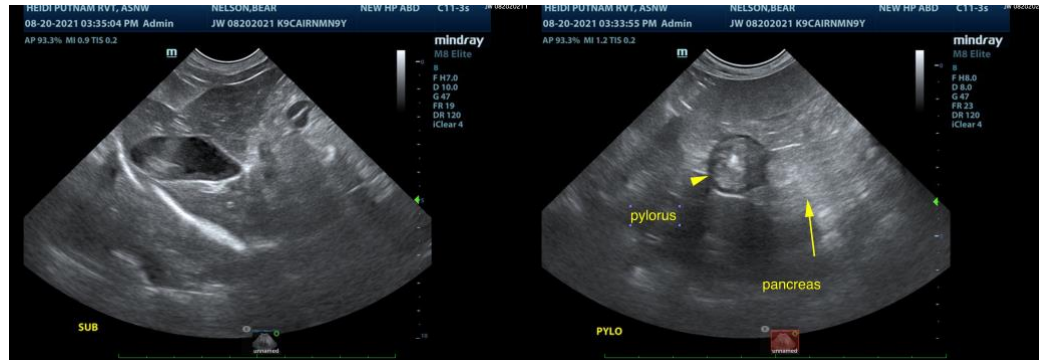
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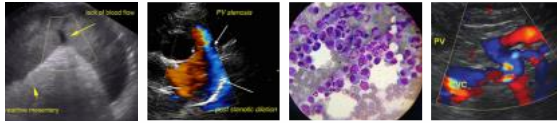
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
Eric.Lindquist@SonoPath.com



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