



PATIENT PRESENTING CLINICAL SIGNS

Suzette Landt

Presented Sat 11/13 Not feeling well 1 to 2 days ... exercise intolerance, lethargy, night restlessness, panting, anorexia at times.. just out of sorts at times interspersed with normal activity... Main blood abnormalities elevated ALK Phos and neutrophilia of 19,000 .. Radiographically hepatomegaly with bulgy rounded lobes . Home on Clavacillin 250 mg BID pending urine collection. UA obtained 2 days later well concentrated and clean sediment. Patient reported to be feeling much better but not 100%. Nov 16 neutrophils in normal range and patient continuing to improve. We want to proceed with scheduled abdominal ultrasound especially concerning liver and adrenal glands. Current Medications Clavacillin 250 mg BID Radiographic Findings hepatomegaly
Abnormal PE/Chem/CBC/UA Results: ALK PHOS 400, milder elevation in other hepatic enzymes, resolving neutrophilia, NO AZOTEMIA, normal UA...well concentrated and clean sediment

SPECIES

Canine

BREED

Standard Poodle

SEX

Spayed Female

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

AGE

12 Years

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 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.

WEIGHT

44.4 Pounds

The area of the aortic trifurcation was free of pathology.

INTERPRETED BY

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

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 loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 6.6 cm. The right kidney measured 6.2 cm.

Adrenal Glands

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 3.5 cm length x 0.90 cm at the cranial pole and 0.80 cm at the caudal pole. The right adrenal gland measured 1.8 cm length x 0.68 cm at the cranial pole and 0.65 cm at the caudal pole.

IMAGING PERFORMED BY

Jenna Walsh, CVT

Spleen

HOSPITAL NAME

Amazon Park AC

The spleen was not visualized owing to previous splenectomy. No evidence of pathology in the area of the previous spleen.

Liver

REFERRING VET

Dr. Heyward

The liver exhibited subjective mild generalized enlargement. A moderately sized, non-homogeneously echogenic nodular to cystic mass appeared to occupy the majority of the mid to right liver, measuring approximately 10 cm in diameter. The mass appeared to mildly displace the gallbladder ventrocaudally. The liver mass did not overtly appear to distort the hepatic capsule contour. No evidence of mineralization associated with the liver mass. The liver mass appeared to likely extend into the area of the porta hepatis. The gallbladder was overall normal in size without evidence of distention and containing anechoic content. No evidence of gallbladder inflammation. The common bile duct was normal.

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DATE

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Gastrointestinal

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.



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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.

SPECIES

Canine

Pancreas

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.

BREED

Standard Poodle

Other

SEX

No overt lymphadenopathy or peritoneal effusion was present.

Spayed Female

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

AGE

12 Years

ULTRASONOGRAPHIC FINDINGS

- Liver mass
- Mild chronic renal changes
- Sonographically unremarkable adrenal glands

WEIGHT

44.4 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

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

Sampling of the liver mass is required for further clarification assuming normal clotting status. Ultrasound guided FNA of the mass may be considered for initial screening cytology. However, core biopsy of the mass is likely required for definitive diagnosis. Subjectively, given the likelihood of multiple liver lobe involvement and suspected extension into the area of the porta hepatis, the liver mass does not overtly appear to be amenable to complete surgical resection. 3-view chest radiographs recommended.

IMAGING PERFORMED BY

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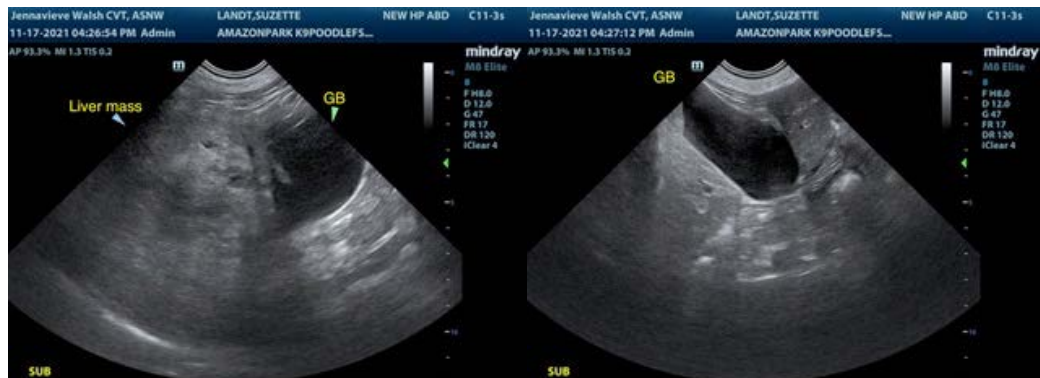
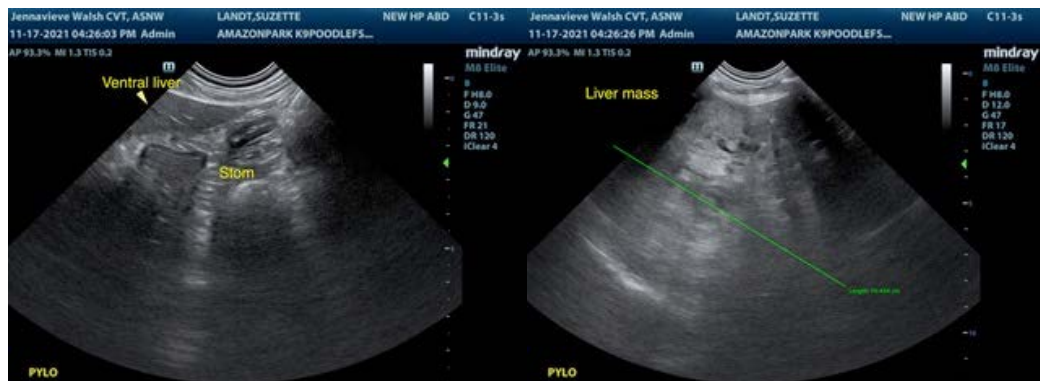
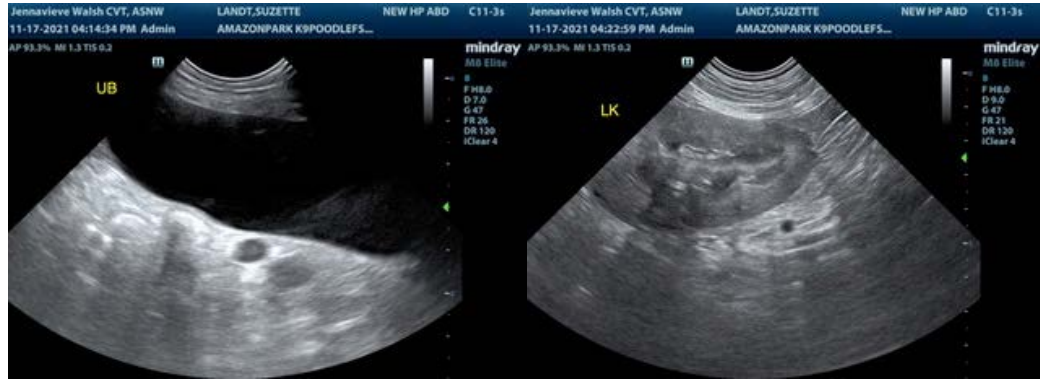
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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.

BREED

Standard Poodle

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info@SonoPath.com

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Spayed Female

AGE

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