

PATIENT

Little Bee Langford

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

M/N

AGE

13 years

WEIGHT

19.6 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Jenna Walsh, CVT

HOSPITAL NAME

Amazon Park AC

REFERRING VET

Dr. Jones

INVOICE

16385

DATE

3/15/23

PRESENTING CLINICAL SIGNS

Was treated with temaril P (prednisolone at 0.25 mg/kg tapering) for mild coughing associated with mild airway disease. He responded well. Meds were finished on 3/3. -Presented 3/3 for vomiting and abdominal discomfort. Radiographs were taken and labwork performed (ALT 562, ALP 391, normal GGT). Treated with SQ fluids and cerenia, and responded very well. -Is back to normal now but continues to be PU/PD and liver enzymes persistently high (see below)

Abnormal PE/Chem/CBC/UA Results: on 3/10: ALT 508 (10-125) ALP 569 (23-212) GGT 25 (0-11) Cholesterol 369 (110-320)

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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 was noted.

The residual prostate was symmetrically normal in size with uniform parenchyma and slight coarse echotexture measuring 0.85 cm in diameter.

The area of the aortic trifurcation was free of pathology.

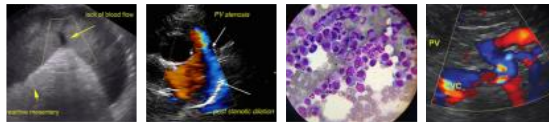
Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. Pinpoint medullary mineral was noted. The left kidney measured 4.6 cm in length. The right kidney measured 4.3 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 1.7 cm length x 0.44 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 1.7 cm length x 0.46 cm width at the caudal pole. No adrenomegaly or tumors were noted.

Spleen

The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present without evidence of nodular changes. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age-related remodeling with minor potential for inflammatory or neoplastic disease.



PATIENT

Little Bee Langford

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

M/N

AGE

13 years

WEIGHT

19.6 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Jenna Walsh, CVT

HOSPITAL NAME

Amazon Park AC

REFERRING VET

Dr. Jones

INVOICE

16385

DATE

3/15/23

Liver/ Gallbladder

The liver presented subjective mild enlargement. 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. The gallbladder was non-distended in size containing anechoic content with very minor hyperechoic gallbladder debris. No evidence of gallbladder inflammatory criteria was noted. The cystic and common bile ducts were normal.

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.

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.

Pancreas

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

- Nonspecific yet subjective benign hepatopathy
- Minor gallbladder debris (non-mucocele)
- Mild pancreatic remodeling - age variant, remodeling owing to previous inflammation, low-grade / chronic pancreatitis, all potentials
- Sonographically unremarkable gastrointestinal tract
- Mild chronic renal changes
- Normal bilateral adrenal glands

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Hepatic functionality is assumed to be normal given no reported indications of hepatic dysfunction, i.e., abnormal BUN, glucose, or albumin levels. Screening hepatic FNA cytology could be considered primarily to assess for evidence of inflammatory criteria and rule out the unlikely potential for neoplastic criteria.



PATIENT

Little Bee Langford

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

M/N

AGE

13 years

WEIGHT

19.6 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Jenna Walsh, CVT

HOSPITAL NAME

Amazon Park AC

REFERRING VET

Dr. Jones

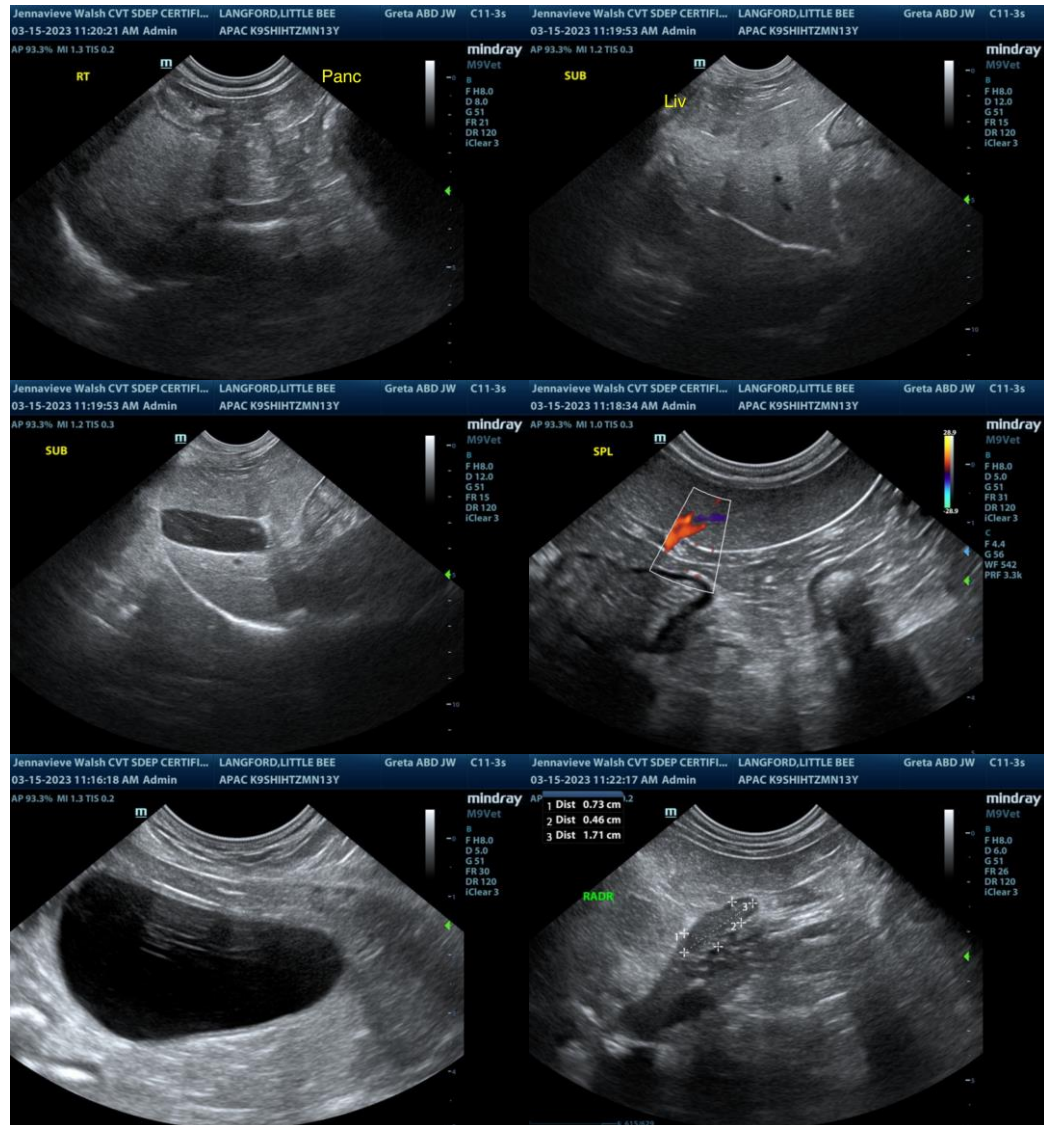
INVOICE

16385

DATE

3/15/23

Full urinary workup to include urinalysis, screening C/S +/- baseline UPC if evidence of proteinuria is suggested. A Spec cPL is suggested if evidence of cranial abdominal or subxiphoid discomfort on palpation, which may allude to low-grade / chronic pancreatitis. Hepatosupportive medications including Denamarin and Ursodiol may prove beneficial. ACTH Stimulation test +/- Leptospirosis titers / PCR could be considered if clinically indicated.





PATIENT

Little Bee Langford

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

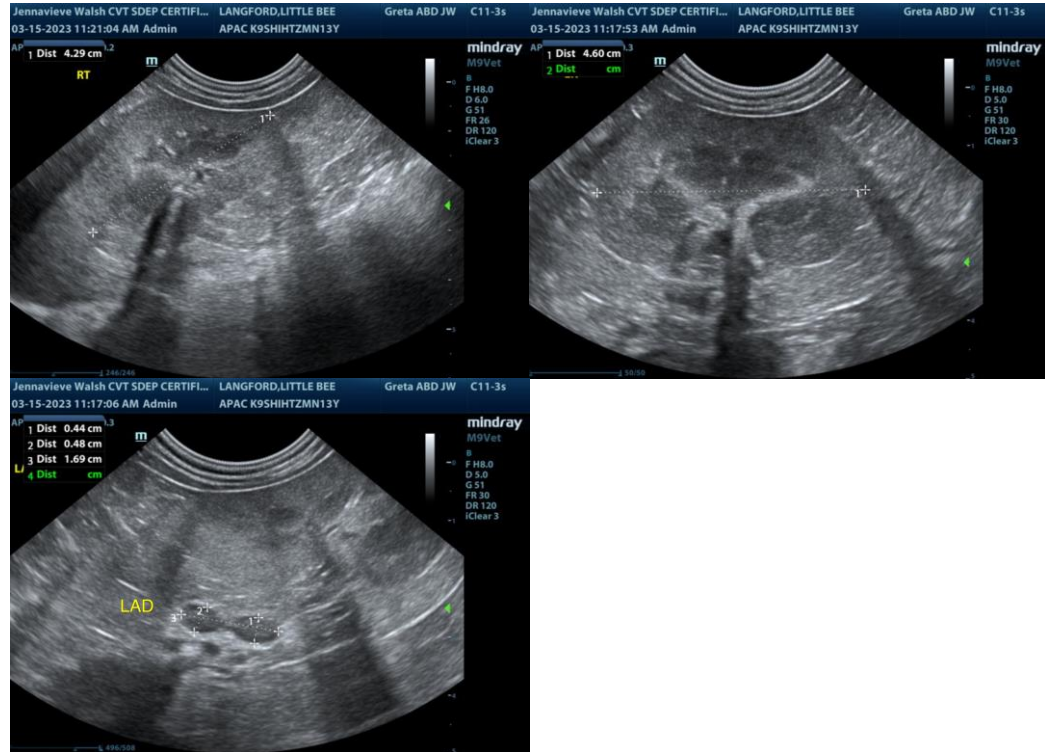
M/N

AGE

13 years

WEIGHT

19.6 lbs.



INTERPRETED BY

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

IMAGING PERFORMED BY

Jenna Walsh, CVT

HOSPITAL NAME

Amazon Park AC

REFERRING VET

Dr. Jones

INVOICE

16385

DATE

3/15/23

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