



PATIENT

Kimber Jordan

SPECIES

Canine

BREED

Wire Hair Fox Terrier

SEX

Neutered Male

AGE

6 Years

WEIGHT

10.8 kg

INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

Erin Wicks

HOSPITAL NAME

Shores VEC

REFERRING VET

Dr. Nelson

INVOICE

39756

DATE

7/22/22

PRESENTING CLINICAL SIGNS

Presented at our hospital for AUS. Started 2 weeks ago with pet not wanting to sit down. Took to rdvm, tx with Rimadyl, got worse and slowed down eating. Took back to rdvm and tx with Gabapentin and Omeprazole. Pain had stopped but was still weak and wobbly. Gave SQF, tx with Entyce now not eating much at all for about a week. Rec AUS Previous Health Concerns: no Current Medications Gabapentin, Doxycycline, Omeprazole Appetite/When did they eat last: small amt of chicken this am but vomited. Abnormal PE/Chem/CBC/UA Results: UA: wnl Tick PCR: babesia positive Bloodwork: ALB 2.5; A/G ratio 0.7; Ca 8.6; WBC 16.6; NEU 89%; LYM 6%; T4 1.0; Rads: unremarkable abdomen, unremarkable thoracolumbar spine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is moderately distended with anechoic contents. No masses, inflammatory changes, echogenic sediment or cystoliths are observed. The urinary bladder, trigone and visible pelvic urethra are normal in thickness with a smooth mucosal surface.

Prostate is normal in size, echotexture and echogenicity for a neutered male.

The right kidney is normal in size (5.15 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

The left kidney is normal in size (5.32 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

Adrenal Glands

The right adrenal gland is normal in size (0.79 cm at the cranial pole and 0.70 cm at the caudal pole), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.

The left adrenal gland is normal in size (2.35 cm long x 0.66 cm at the cranial pole and 0.63 cm at the caudal pole), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.

Spleen

The spleen is subjectively normal in size with a normal smooth capsular contour. Parenchyma is appropriately finely textured and homogenous with normal echogenicity relative to surrounding tissue (hyperechoic to liver). No focal nodules or masses are observed. Splenic vasculature appears normal.

Liver

The liver is subjectively normal in size with normal smooth curvilinear peripheral contour. Parenchyma is appropriately hypochoic to the spleen in echogenicity and appropriately mildly coarse and homogenous in echotexture. No focal lesions are observed. Visible vasculature and biliary tree appear normal without distension or congestion.

The gallbladder is non-distended in size. The wall is smooth without visible thickening. Luminal contents are primarily anechoic. There is no evidence of cystic or common bile duct dilation.

Gastrointestinal



PATIENT

Kimber Jordan

The visible stomach wall is normal in thickness and layering. The lumen of the stomach is mildly distended with echogenic non-shadowing luminal contents and gas consistent with normal ingesta. There is no evidence of obstruction, foreign material or infiltrative disease. Pyloric outflow tract appears patent.

SPECIES

Canine

The visible small intestines are normal in wall thickness and layering (canine duodenum < 0.5 cm and feline duodenum < 0.4 cm; other < 0.3 cm). Small intestinal motility appears adequate (1-3 contractions per min). The lumen of the small intestine is empty with no evidence of obstruction, foreign material or infiltrative disease.

BREED

Wire Hair Fox Terrier

The visible colon is normal in wall thickness (< 0.2 cm) and layering. Contents are consistent with normal formed feces and gas.

SEX

Neutered Male

Pancreas

The pancreatic parenchyma is appropriately isoechoic to surrounding tissue. Visible capsule is smooth and normal in contour. There is no visible pancreatic duct dilation. There is no evidence of active peripancreatic inflammation.

AGE

6 Years

Free Abdomen

There is no evidence of free peritoneal effusion noted in these images.

A medial iliac lymph node is hypoechoic and prominent, measuring 0.77 cm thick.

WEIGHT

10.8 kg

ULTRASONOGRAPHIC FINDINGS

- Medial iliac lymphadenopathy – differentials include both reactive as well as infiltrative neoplasia.

INTERPRETED BY

Beth Johnson, DVM
DACVIM

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given this patient's hypoalbuminemia and hypocalcemia, gastrointestinal disease is a differential and recommendations include:

IMAGING PERFORMED BY

Erin Wicks

- A gastrointestinal malabsorption panel (including cobalamin, folate, TLI and PLI) to Texas A&M GI Laboratory is recommended for further evaluation of GI and pancreatic function.
- Given the reported initial presenting complaint of reluctance to sit down combined with the enlarged medial iliac lymph nodes, a thorough rectal and perianal exam is recommended to rule out painful pathology such as an anal gland abscess, perianal fistulas, etc. resulting in discomfort sitting, if not already evaluated.
- Thorough orthopedic and neurologic evaluation recommended to rule out a concurrent back and/or joint pain contributing to the reluctance to sit down, especially given the reported babesia diagnosis, which could be resulting in an uncommon but possible immune mediated polyarthritis, etc. Recommendations include treating the babesia.

HOSPITAL NAME

Shores VEC

REFERRING VET

Dr. Nelson

INVOICE

39756

- In the meantime, transition to a low-fat diet as well as symptomatic therapy of the gastrointestinal signs with antiemetics, gastroprotectants, probiotic for the reported diarrhea, etc., is recommended. Empirical deworming with a 5-day course of Panacur is also recommended.

DATE

7/22/22



PATIENT

Kimber Jordan

SPECIES

Canine

BREED

Wire Hair Fox Terrier

SEX

Neutered Male

AGE

6 Years

WEIGHT

10.8 kg

INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

Erin Wicks

HOSPITAL NAME

Shores VEC

REFERRING VET

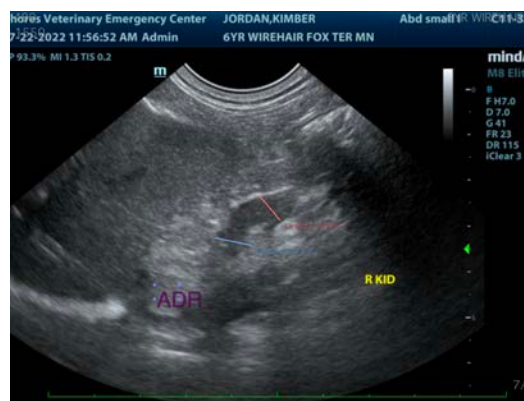
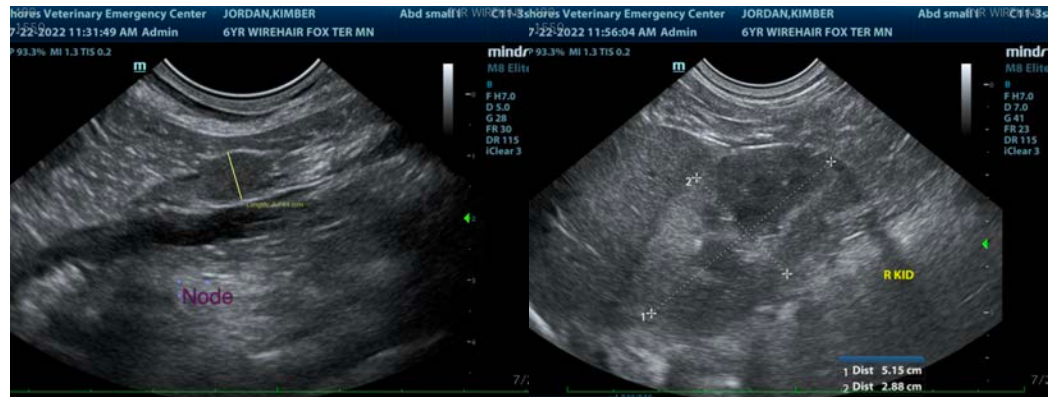
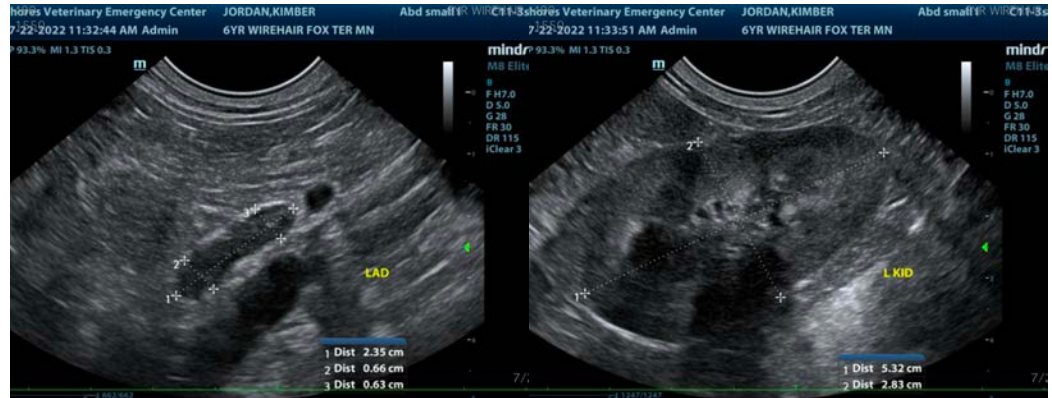
Dr. Nelson

INVOICE

39756

DATE

7/22/22



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.

Beth Johnson, DVM, DACVIM
Beth.Johnson@sonopath.com