



PATIENT PRESENTING CLINICAL SIGNS

Roy Teague Roy presented for PU/PD and weight loss. Blood work showed hypercalcemia and kidney values on the high end of normal. Urine showed low USG.
Abnormal PE/Chem/CBC/UA Results: SDMA=14 (0-14) Creatinine=2.2 (0.8-2.4) Ca=11.7 (7.8-11.3) USG=1.019

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Siamese

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.

SEX

Neutered Male

The right kidney is normal in size (4.25 cm) and shape with smooth peripheral margination. A normal 1:3 cortex to medulla ratio is maintained. The medulla and cortices are uniform in texture with some mild increased echogenicity and mild loss of corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

AGE

15 Years 9 Months

The left kidney is normal in size (3.42 cm) and shape with smooth peripheral margination. A normal 1:3 cortex to medulla ratio is maintained. The medulla and cortices are uniform in texture with some mild increased echogenicity and mild loss of corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

WEIGHT

14.2 Pounds

Adrenal Glands

Right adrenal gland is normal in size (0.98 cm long x 0.43 cm thick), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.

Left adrenal gland is normal in size (0.97 cm long x 0.45 cm thick), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.

INTERPRETED BY

Beth Johnson, DVM
DACVIM

Spleen

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.

HOSPITAL NAME

Wauwatosa VC

Liver

Liver is subjectively normal in size with normal smooth curvilinear peripheral contour. Parenchyma is appropriately hypoechoic 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.

REFERRING VET

Dr. Jamie Oakes

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.

INVOICE NUMBER

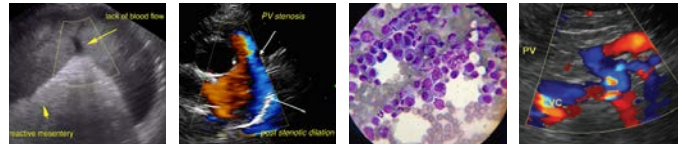
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Gastrointestinal

The stomach wall is normal in thickness (canine < 0.5 cm and feline < 0.4 cm) and layering. The lumen of the stomach is empty with no evidence of obstruction, foreign material or infiltrative disease. Pyloric outflow tract appears patent.

DATE

1/18/22



PATIENT

Roy Teague

The visible small intestines are normal in wall thickness. Normal layering is maintained except for a diffusely disproportionately thick muscularis layer relative to mucosa. 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.

SPECIES

Feline

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

Pancreas

BREED

Siamese

The pancreas is prominent in size and mildly irregular in shape with a diffusely coarse echotexture and heterogeneous to slightly hyperechoic echogenicity.

Free Abdomen

There is no evidence of peritoneal effusion. There is no apparent lymphadenopathy.

SEX

Neutered Male

ULTRASONOGRAPHIC FINDINGS

AGE

15 Years 9 Months

- Age related kidney change – This finding is expected/consistent with age-related mild degenerative disease and should be interpreted clinically in combination with laboratory changes.
- Thick muscularis – This finding has been reported in cats with infiltrative bowel disease including both benign inflammatory disease as well as infiltrative neoplasia such as lymphoma.
- Prominent, heterogeneous pancreas – most consistent with normal aging/remodeling versus possibly chronic pancreatitis.

WEIGHT

14.2 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

Beth Johnson, DVM
DACVIM

Recommendations include a urine culture if not already performed, and if negative, but there is protein in the urine, a urine protein to creatinine ratio to quantify the protein as well as a blood pressure. Given the PU/PD and weight loss, other recommendations include a T4 and free T4 to rule out hyperthyroidism. Given the hypercalcemia, a malignancy panel (which includes PTH, PTHrP and ionized calcium) is recommended. Finally, depending on the results of those primary diagnostics, given the muscularis thickening and weight loss, a gastrointestinal malabsorption panel including TLI, PLI, folate and cobalamin to Texas A&M Gi laboratory is recommended.

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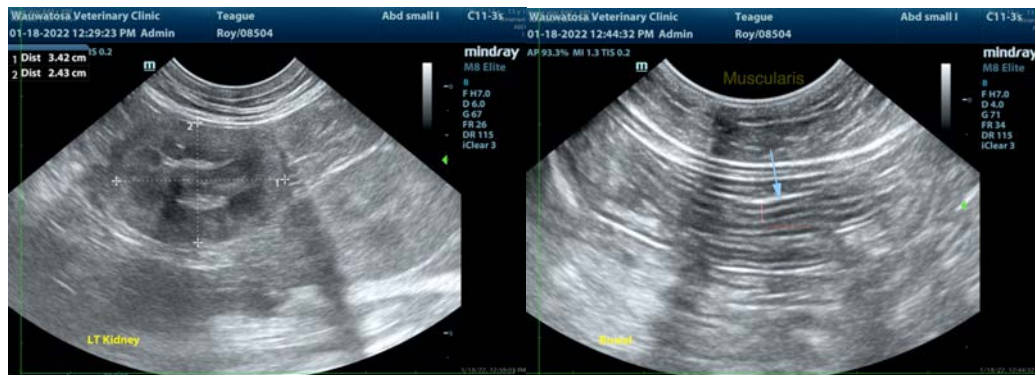
Dr. Jamie Oakes

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PATIENT

Roy Teague

SPECIES

Feline

BREED

Siamese

SEX

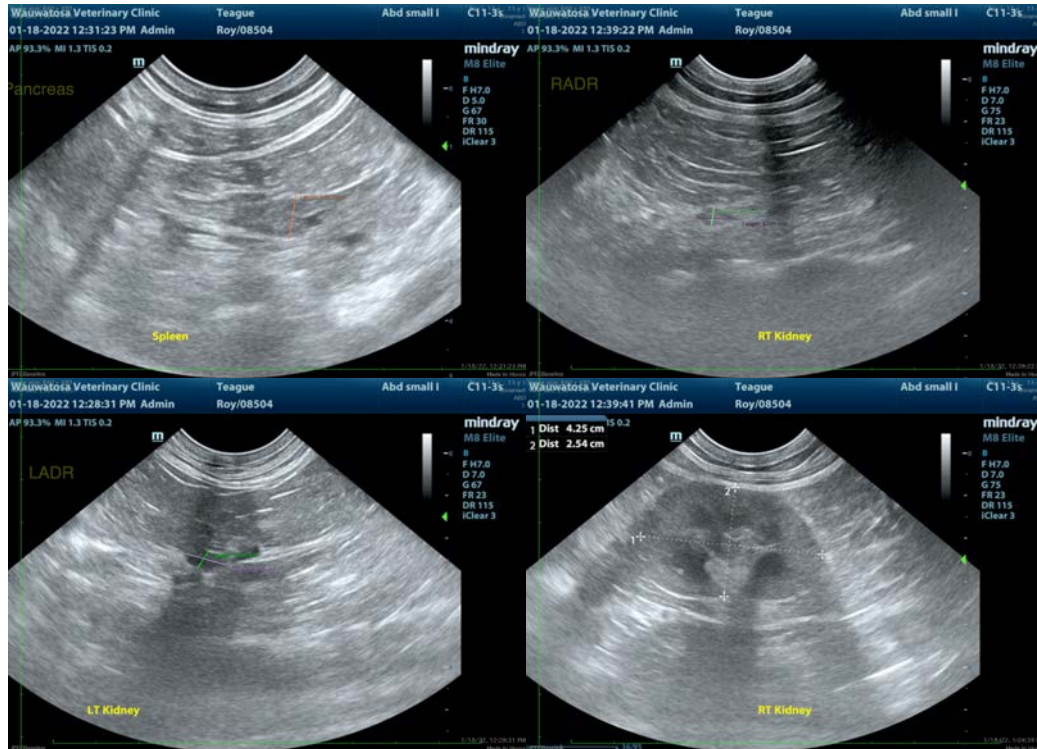
Neutered Male

AGE

15 Years 9 Months

WEIGHT

14.2 Pounds



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.

INTERPRETED BY

Beth Johnson, DVM
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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.

HOSPITAL NAME

Wauwatosa VC

REFERRING VET

Dr. Jamie Oakes

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