



PATIENT

Oliver Lau

PRESENTING CLINICAL SIGNS

History: Dx: MCT grade 3, AUS prior to pursuing oncology appt.
Abnormal PE/Chem/CBC/UA Results: ALKP 231, BUN/Creat ratio 30, plt 515

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder and visible portion of the pelvic urethra are normal for the degree of luminal distension. The urine is anechoic with no evidence of debris. Cystic calculi and discrete masses are not observed. The region of the trigone and the visible portion of the proximal urethra are normal.

BREED

West Highland White Terrier

The prostate is normal in size (0.83 cm in width) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.

SEX

Neutered Male

The left kidney presented normal size (5.11 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

AGE

11 Years

The right kidney presented normal size (5.49 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

WEIGHT

23 Lbs.

Adrenal Glands

The left adrenal gland is normal size (0.39 cm at cranial pole) (0.51 cm at caudal pole) (1.66 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

INTERPRETED BY

Andrea Nicastro, DMV,
Diplomate DACVIM
(Small Animal
Internal Medicine)

The right adrenal gland is normal size (0.66 cm at cranial pole) (0.35 cm at caudal pole) (1.74 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

IMAGING PERFORMED BY

Shari Reffi

Spleen

The spleen is normal in size (1.13 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

HOSPITAL NAME

Summit Dog and Cat

Liver

The liver is subjectively prominent in size with normal slightly swollen peripheral contours. The parenchyma is isoechoic relative to the spleen and exhibits a finely heterogeneous appearance. No distinct focal lesions are observed. Hepatic vasculature and intrahepatic biliary tracts are of normal volume with no evidence of congestion.

REFERRING VET

Dr. Levitan

The gall bladder lumen is moderately distended. The wall is thin and smooth. The luminal contents are mostly anechoic. The cystic and common bile ducts are normal.

INVOICE

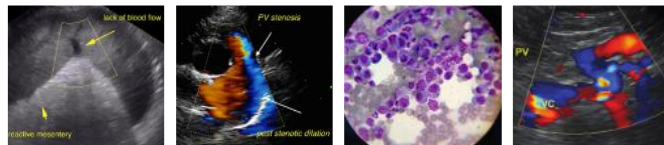
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Gastrointestinal

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is not distended. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal with a

DATE

12/22/21



PATIENT

normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. No obstructive or overt infiltrative disease is noted.

Oliver Lau

SPECIES

Pancreas

The right limb of the pancreas is visible with normal curvilinear peripheral contours. The parenchyma is largely isoechoic relative to surrounding omental fat and slightly mottled in appearance. The pancreatic duct is visible but not overtly dilated. There is no evidence of peripancreatic inflammation or effusion.

Canine

BREED

Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.

West Highland White Terrier

SEX

Other

A brief echocardiogram (free of charge) reveals no evidence of pericardial effusion or obvious right atrial/auricular mass.

Neutered Male

ULTRASONOGRAPHIC FINDINGS

AGE

Primary Findings

11 Years

- The diffuse hepatic changes are non-specific and could be consistent with vacuolar hepatopathy, regenerative nodular hyperplasia, and/or age-related remodeling. Inflammatory and infiltrative disease are considered less likely.
- Minor age-related pancreatic remodeling +/- fibrosis. Concurrent low-grade inflammation may also be present. Correlation with the patient's clinical findings is recommended.

WEIGHT

23 Lbs.

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*There is no obvious evidence of metastatic disease in the abdomen.

Andrea Nicastro, DMV,
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Internal Medicine)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Three-view thoracic radiographs are recommended to assess for pulmonary metastases (if not already performed).

IMAGING PERFORMED BY

Shari Reffi

HOSPITAL NAME

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REFERRING VET

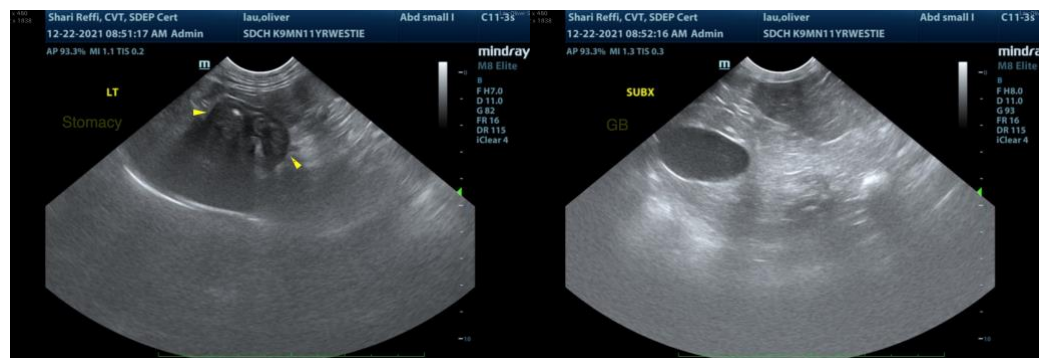
Dr. Levitian

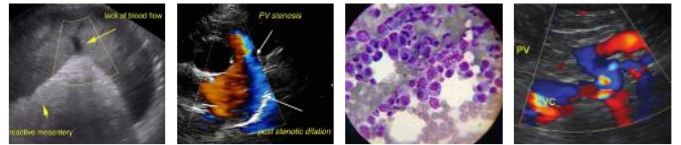
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West Highland White Terrier

SEX

Neutered Male

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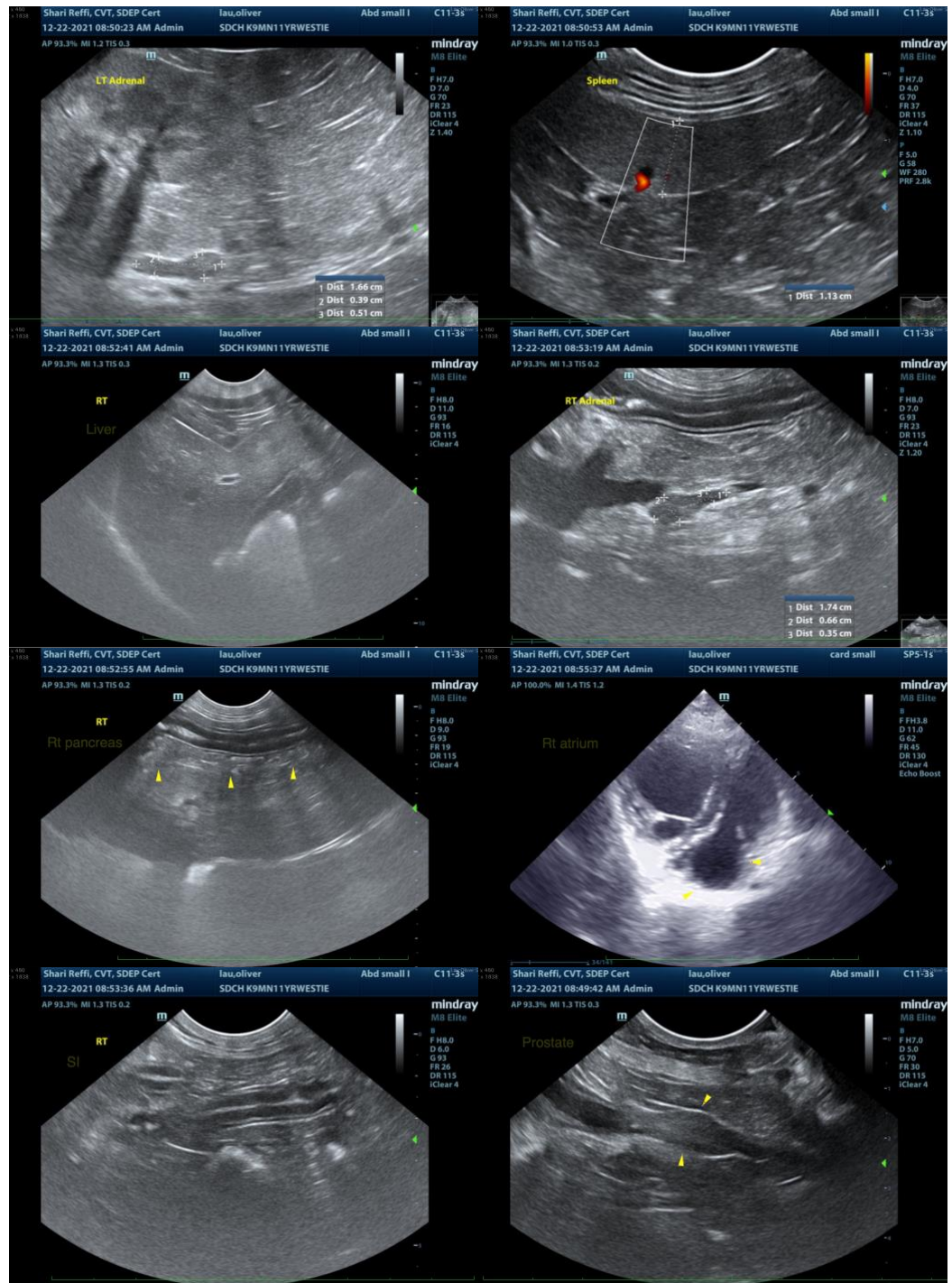
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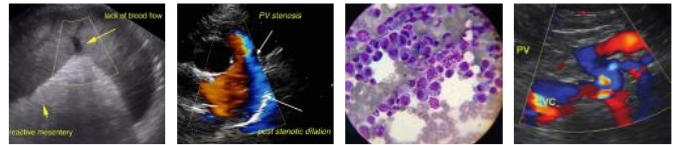
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.



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Andrea Nicastro, DVM, Diplomate DACVIM (Small Animal Internal Medicine)
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West Highland White
Terrier

SEX

Neutered Male

AGE

11 Years

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