



PATIENT

Poa Trefren

SPECIES

Canine

BREED

Border Collie Mix

SEX

Neutered male

AGE

10 years

WEIGHT

20 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Wepprich

HOSPITAL NAME

Wilvet Salem

REFERRING VET

Dr. Wepprich

INVOICE

93021

DATE

11/10/21

PRESENTING CLINICAL SIGNS

History: poor appetite, lethargy Hx hindlimb weakness No skin tumors
Abnormal PE/Chem/CBC/UA Results: rDVM labs - hct 30% non-reg, monos 2.3k, mast cells in circulation Ab rads - splenomegaly chem wnl FNA of spleen and liver show mast cells

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 5.0 cm.

Adrenal Glands

The **adrenal glands** were isoechoic to the surrounding mesentery. The left adrenal gland measured 0.3

Spleen

The **spleen** was mildly enlarged with swollen, irregular contour. Slight heterogenous parenchymal changes were noted.

Liver

Exam of the cranial abdomen demonstrated excessive **liver** size and swollen contour. Mild, coarse architecture was noted with increased portal markings and minor parenchymal remodeling is suggestive of an inflammatory component. The gallbladder and common bile duct were unremarkable.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.



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Pancreas

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The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxiphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

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ULTRASONOGRAPHIC FINDINGS

Splenomegaly.

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Non-specific hepatomegaly, mild heterogenous changes.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Mast cell disease should be based on cytology report. The adrenal glands appear subjectively subnormal and flattened. Screening for concurrent Addison's is warranted with baseline cortisol or this is normal if the patient was treated with Prednisone.

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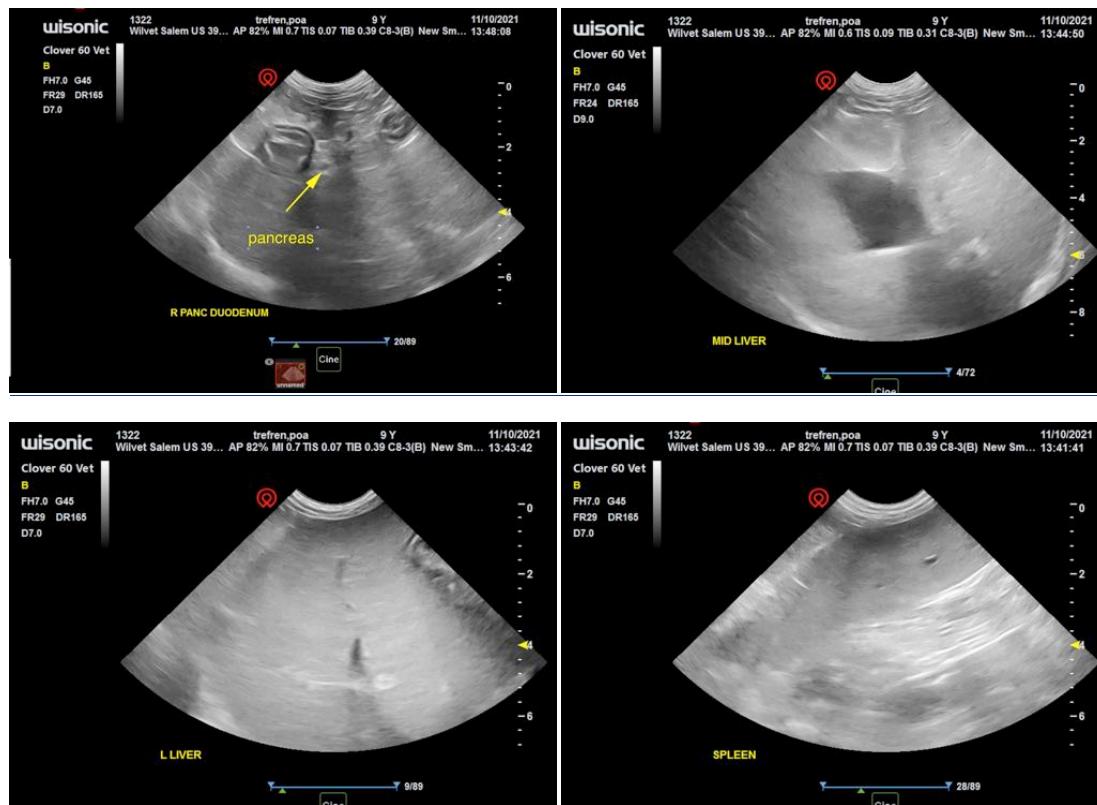
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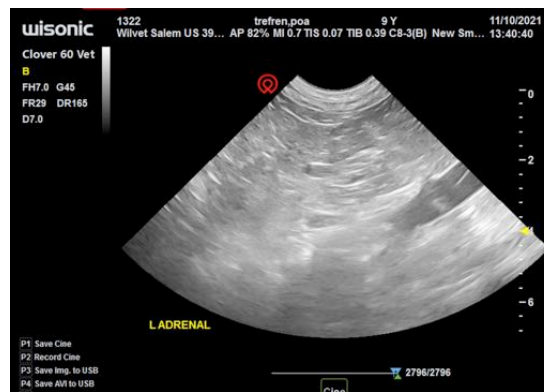
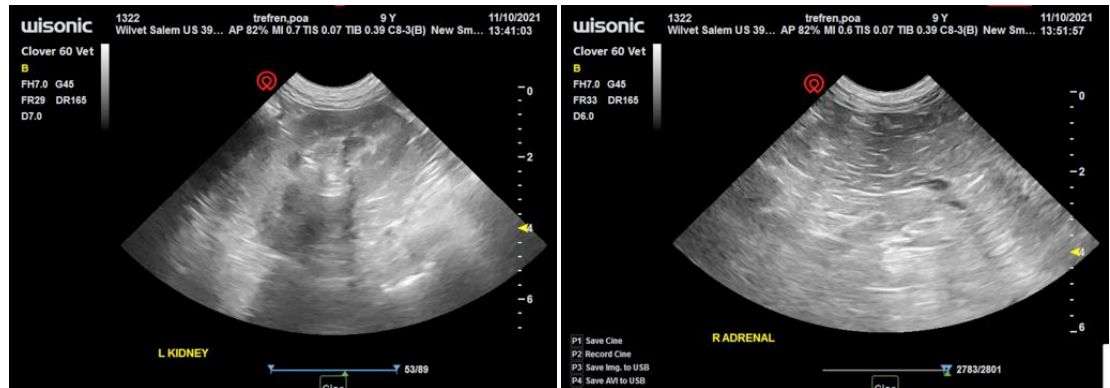
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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