



PATIENT

PRESENTING CLINICAL SIGNS

Jade Vordenbaum

History: Historical elevated liver values, have tried Hepato Support but no improvement, persistent since August 2022

SPECIES

Abnormal PE/Chem/CBC/UA Results: normal exam, organomegaly present on abdominal palpation, soft, non-painful, pot bellied appearance.

Canine

BREED

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Pitbull Mix

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.

SEX

Spayed female

AGE

9 years

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 5.8 cm. The right kidney measured

WEIGHT

53.2 lbs

Adrenal Glands

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 0.6 cm.

IMAGING PERFORMED BY

Dr. Dorris

Spleen

HOSPITAL NAME

County Line VC

The **spleen** revealed subtle micronodular changes and slight, undulating contour. The spleen was normal in size and measured 2.0 cm. The spleen was folded upon itself caudally.

REFERRING VET

Dr. Dorris

Liver

The **liver** was uniformly swollen with enlarged caudate process. The liver presented coarse architecture with mildly increased portal markings and subtle, mixed echogenic changes. This is consistent with vacuolar hepatopathy and some level of remodeling and history of inflammatory component. There was no overt suspicion of neoplasia. The gallbladder was empty.

INVOICE

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Gastrointestinal

DATE

2/15/23

A 2.0 cm structure was noted in the pyloric lumen and was non-obstructive. This may be medication. Oral medication history is recommended. The small intestines and colon were unremarkable.



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Pancreas

The **pancreas** revealed a heterogenous, mixed hypoechoic parenchymal changes that were noted throughout the pancreatic body. The region measured approximately 5 x 4 cm and consistent with pancreatitis.

ULTRASONOGRAPHIC FINDINGS

Chronic active pancreatitis pattern with 2.0 cm shadowing structure in the pylorus, likely medications.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Treatment for pancreatitis is recommended. FNA of the liver and spleen would be ideal for further definition. Recheck sonogram in 5-7 days to ensure adequate resolution.





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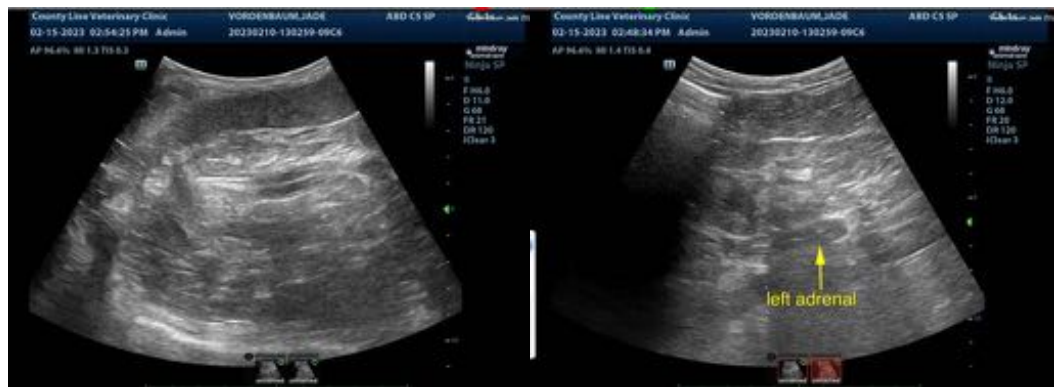
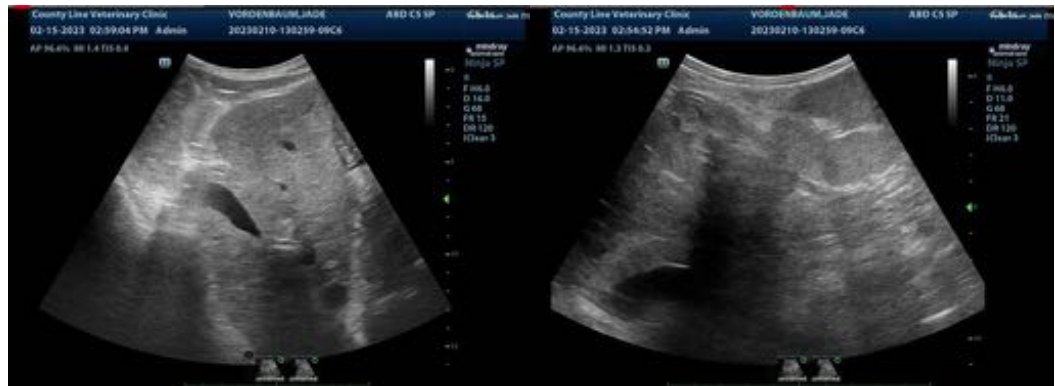
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
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