



PATIENT

Willow Bradford

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

2 Years

WEIGHT

7.2 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Van Nieuwal

HOSPITAL NAME

Animal Emergency
Hospital Deland

REFERRING VET

Dr. Van Nieuwal

INVOICE

38407

DATE

6/5/22

PRESENTING CLINICAL SIGNS

Owner states ALKP/HOS has been elevated and P has been on Denamarin for 2.5 months, today BW ran and ALT was >1000. Here at ER ran with 10x dilution value of ALT was 2126, coags ran and were PT: 21.6, aPTT: 123.8. BUN 11. These are only abnormal values on chem/CBC. Owner states patient was eating somewhat yesterday, today won't E/D at all. Also seems lethargic.
Abnormal PE/Chem/CBC/UA Results: see notes above in history for abnormal results

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 were 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 left kidney measured 3.5 cm. The right kidney measured 3.5 cm.

Adrenal Glands

The regions of the **adrenal glands** were unremarkable.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The spleen measured 9.0 mm in width. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

Liver

The **liver** was structurally unremarkable with uniform parenchyma. The gallbladder and common bile duct were unremarkable. No evidence of post-hepatic obstruction.

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.

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

- Structurally unremarkable abdomen



PATIENT

Willow Bradford

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

2 Years

WEIGHT

7.2 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Van Nieuwal

HOSPITAL NAME

Animal Emergency
Hospital Deland

REFERRING VET

Dr. Van Nieuwal

INVOICE

38407

DATE

6/5/22

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given the patient history, acute hepatic insult with toxin or infectious agents should be considered. IV fluid support, broad-spectrum antibiotics, assessment for exposure and serology for toxoplasmosis, bartonella, other infectious agents all warranted. Vitamin K supplementation warranted. If coagulation panel is able to be reduced to fairly normal levels, then FNA of the liver indicated. Acute hepatitis without structural change at this point.





PATIENT

Willow Bradford

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.

SPECIES

Feline

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

info@SonoPath.com

BREED

DSH

SEX

Spayed Female

AGE

2 Years

WEIGHT

7.2 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Van Nieuwal

HOSPITAL NAME

Animal Emergency
Hospital Deland

REFERRING VET

Dr. Van Nieuwal

INVOICE

38407

DATE

6/5/22