



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Bluff Wood Patient has been losing weight insidiously for the past 4 months. He is eating and drinking and not having any overt clinical signs like vomiting or diarrhea.

SPECIES

Feline

Abnormal PE/Chem/CBC/UA Results: about grape size hard slightly irregular what appears to be mass palpable in mid abdomen (hairball vs lymph node vs potentially very small left kidney vs mass) labwork is all normal, including CBC, Superchem, T4, Doppler blood pressure and cardiac enzymes

BREED

DSH

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

Neutered Male

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.

AGE

11 Years

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.

WEIGHT

10.5 Pounds

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 3.9 cm. The left kidney measured 3.37 cm.

INTERPRETED BY

Eric Lindquist, DMV

Adrenal Glands

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 right adrenal gland measured 0.42 cm. The left adrenal gland measured 0.50 cm.

IMAGING PERFORMED BY

Dr. Kitz

Spleen

HOSPITAL NAME

Woodlands AH

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. 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.

REFERRING VET

Dr. Kitz

Liver

INVOICE

44660

The **liver** revealed an expansive mixed echogenic mass in the right cranial liver, deviating the gallbladder and the pylorus ventrally. The mass measured 3.5 cm x 4.2 cm. The echogenicity and expansive quality would suggest carcinoma. However, FNA from SDEP #12/right intercostal position recommended.

DATE

8/3/23

Gastrointestinal

The **gastrointestinal tract** revealed minor variable thickening and echogenic submucosal changes most consistent with low grade end result of chronic GI disease such as IBD and may be related to malassimilation of nutrients if any weight loss is present. No obvious neoplastic patterns were noted and luminal content as unremarkable.



PATIENT

Pancreas

Bluff Wood

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.

SPECIES

Feline

Other

BREED

DSH

The mid to caudal abdomen does not reveal any evidence of neoplasia.

SEX

Neutered Male

ULTRASONOGRAPHIC FINDINGS

- Right cranial liver mass – differentials include carcinoma, less likely granulomatous disease
- Minor intestinal thickening

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

11 Years

The liver mass may be related to the weight loss or completely incidental. 25-gauge FNA indicated. In this position I do not believe surgery is an option, however CT evaluation would be best for potential surgical assessment.

WEIGHT

10.5 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Kitz

HOSPITAL NAME

Woodlands AH

REFERRING VET

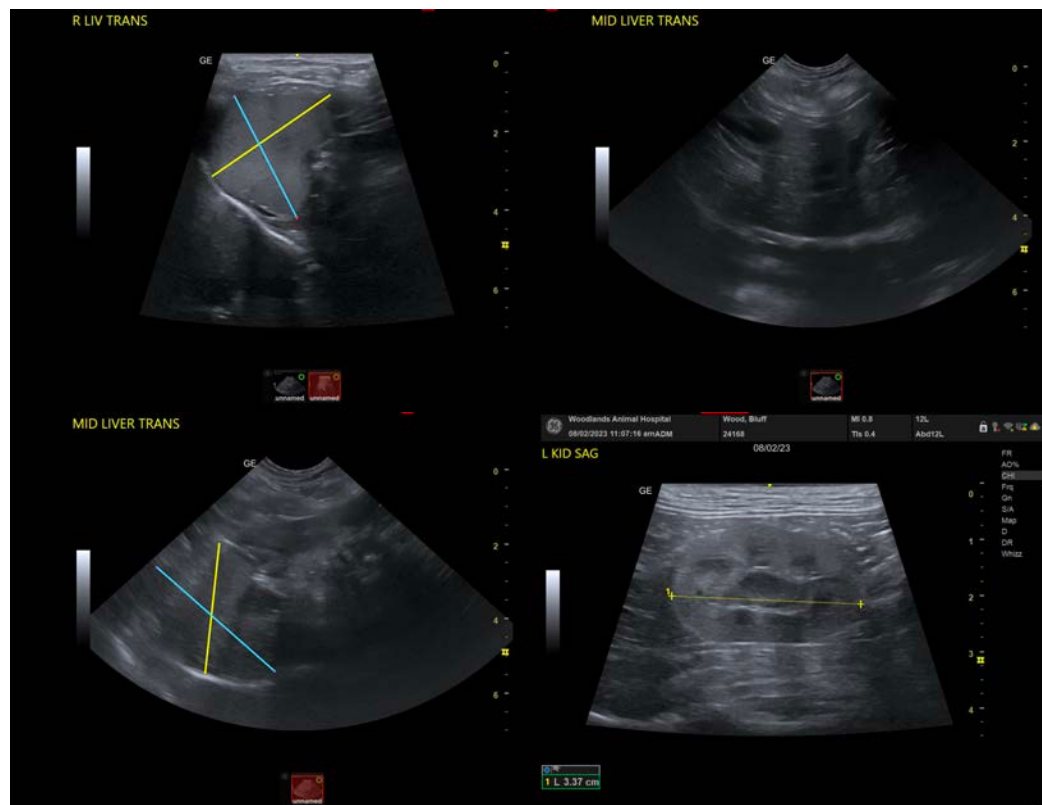
Dr. Kitz

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DATE

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PATIENT

Bluff Wood

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

11 Years

WEIGHT

10.5 Pounds

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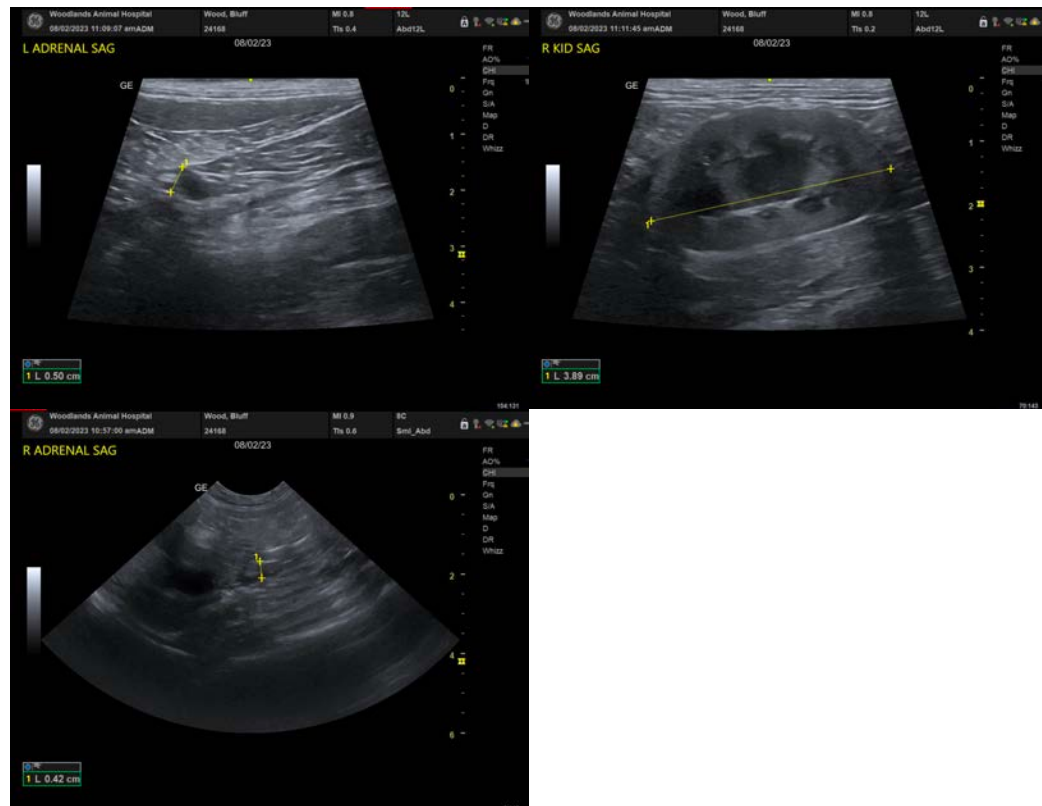
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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