



PATIENT

Herbie Allander

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

8 Years

WEIGHT

15.6 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Jennifer Todd

HOSPITAL NAME

Lamb's Gap AH

REFERRING VET

Dr. Lindsey Knouse

INVOICE

21205

DATE

2/20/23

PRESENTING CLINICAL SIGNS

History: Herbie is an eight-year-old, MN, DSH cat who presented 2/13/23 for urinating outside the box twice in the past 2 weeks, no straining or difficulty was noted. Herbie had a mild decreased appetite for a week and didn't eat anything that morning of 2/13. He had acted hungry but then wasn't eating. Owner rescued 7 cats in July, and states patient gets along with them but avoid. Had been vomiting food for 2 weeks, a few times a week, but is now controlled with cerenia. Mirataz did not improve appetite. He presented today for recheck and is anorexic and dehydrated. He has lost another 0.6 pounds since 2/13/23. Attached are his recent lab results which are relatively normal.

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 largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some minor 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 right kidney measured 4.2 cm. The left kidney measured 4.38 cm.

Adrenal Glands

The regions of the **adrenal glands** revealed no evident pathology.

Spleen

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.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

Gastrointestinal

The **upper gastrointestinal tract** was thickened with regional lymphadenopathy (up to 1.0 cm). The distal small intestine also revealed an infiltrative pattern, creating an intestinal mass.

Pancreas



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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.

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Free Abdomen

An iliac **lymph node** was enlarged, irregular and hypoechoic, measuring 2.0 cm x 1.4 cm. Other smaller lymph nodes were mildly enlarged in the aortic chain. An epigastric lymph node was also enlarged, rounded and hypoechoic, measuring up to 1.5 cm. Hepatic lymph nodes were also enlarged, rounded and hypoechoic. Other lymph nodes were enlarged throughout the abdomen.

BREED

DSH

Other

SEX

Pleural effusion was noted through the diaphragm.

Neutered Male

ULTRASONOGRAPHIC FINDINGS

AGE

8 Years

- Upper GI and lymph node-based neoplasia pattern, likely involving the thorax given the pleural effusion.
- Age-related renal changes

WEIGHT

15.6 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the accessible lymph nodes and pleural effusion pleurocentesis with cytospin are indicated to confirm suspicion of round cell neoplasia.

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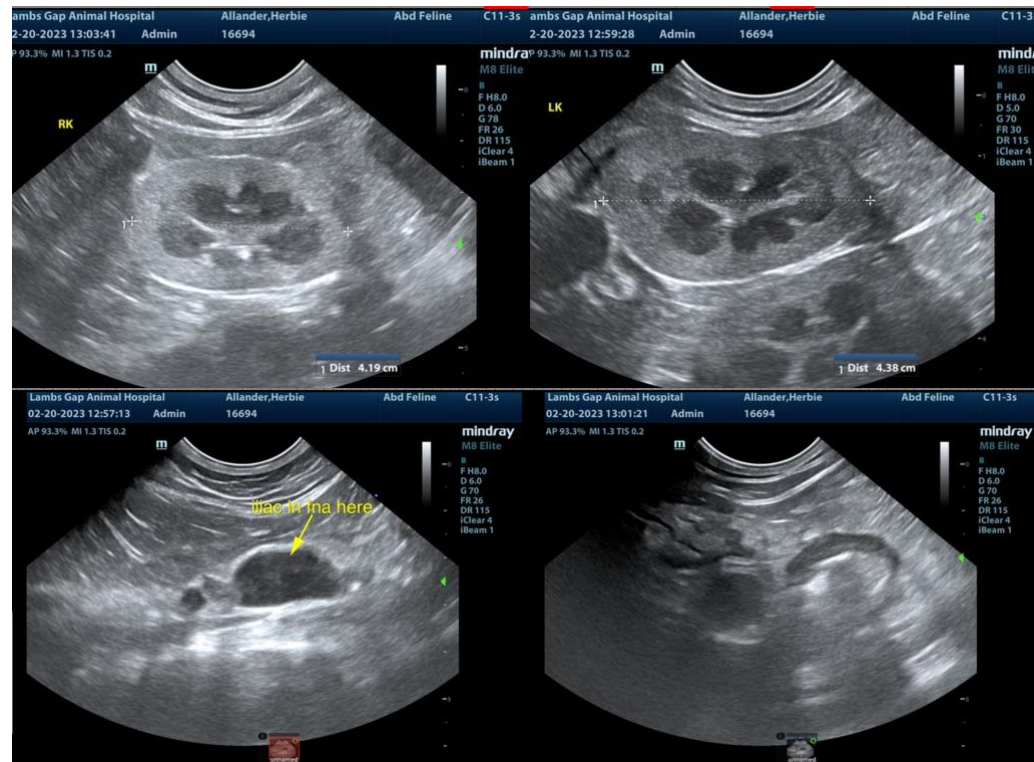
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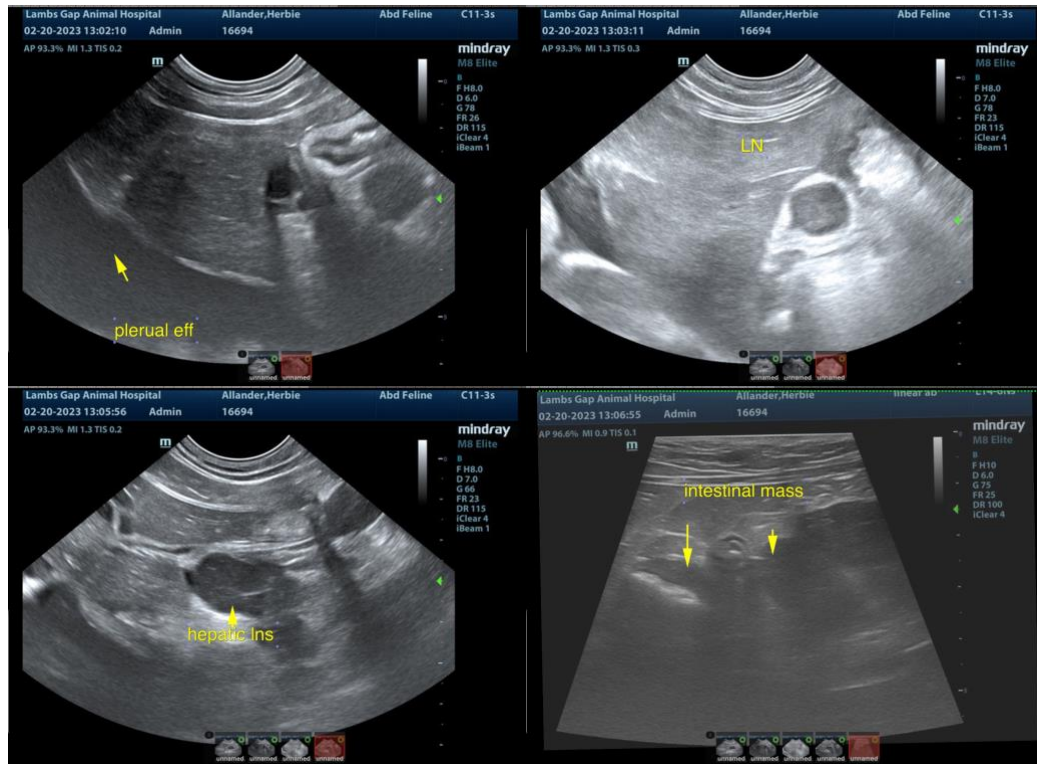
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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