



PATIENT

Dixie Benzel

PRESENTING CLINICAL SIGNS

History: Patient presented for anorexia and eating cat litter. She has a systolic murmur 3/6 and muscle loss/ BP 140/91. Has a history of proteinuria from other veterinarian
Abnormal PE/Chem/CBC/UA Results: Protein 5.4 Proteinuria 30.

SPECIES

Feline

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.

BREED

Domestic Shorthair

SEX

Spayed Female

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 3.65 cm.

AGE

13 years

WEIGHT

9 lbs

Adrenal Glands

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 0.47 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Caughman

Spleen

The **spleen** was mildly enlarged with hypoechoic, scalloping contour. The spleen measured 1.3 cm.

HOSPITAL NAME

Dogwood AH

Liver

The **liver** was uniformly swollen and slightly hyperechoic to the falciform fat. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal.

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Gastrointestinal

The upper **gastrointestinal tract** was deviated cranially. The small intestines and colon were unremarkable.

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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. 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

BREED

Domestic Shorthair

The midabdominal lymph node presented normal length to width ratio with slight, swollen contour. The lymph node measured 2.7 x 2.24 cm. A separate lymph node measured 1.62 x 1.38 cm. There was no loss of parenchymal detail. This is most consistent with reactive lymphadenitis or lymphatic hyperplasia. The lymph nodes were moderately vascular. This is a particularly aggressive presentation. Reactive mesentery was noted throughout the midabdomen.

SEX

Spayed Female

ULTRASONOGRAPHIC FINDINGS

AGE

13 years

Mesenteric lymphadenopathy, aggressive.

Concurrent pleural effusion.

Enlarged, hypoechoic spleen with scalloping contour.

WEIGHT

9 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

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DABVP, Cert. IVUSS

FNA of the lymph nodes, spleen and liver as well as pleurocentesis and cytospin are all indicated. Dual cavity neoplasia such as lymphoma is suspected.

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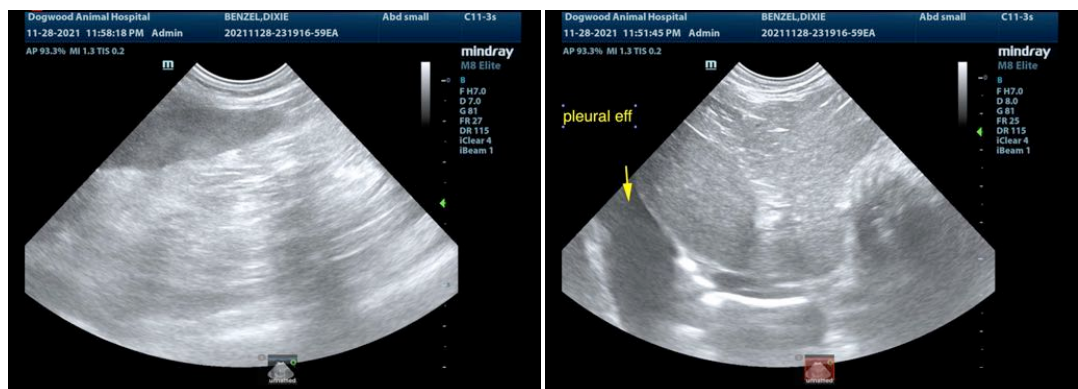
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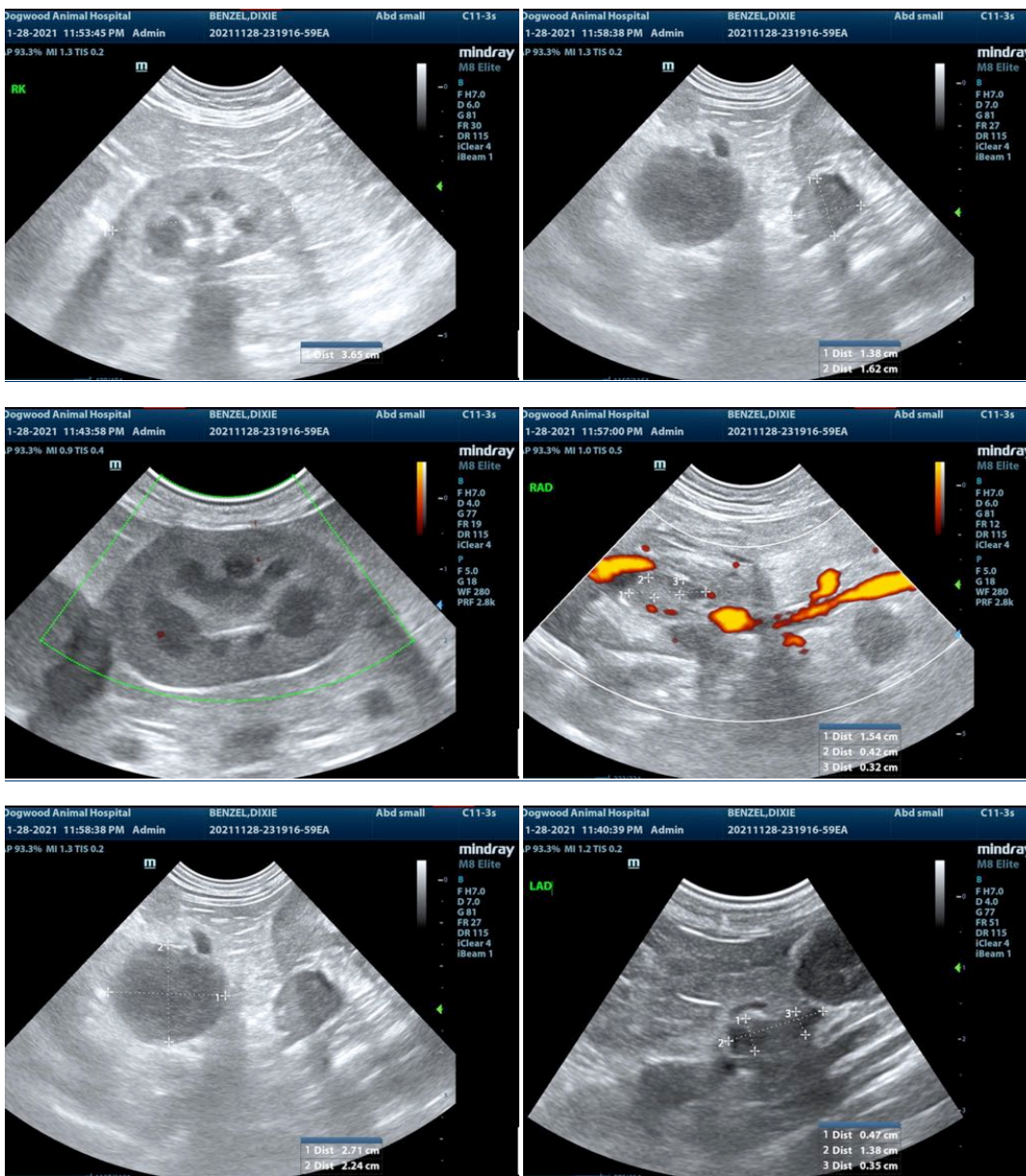
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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