



PATIENT

Honey Mazzone

SPECIES

Canine

BREED

Fox Terrier Mix

SEX

Intact female

AGE

15 years

WEIGHT

5.9 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Erin Wicks

HOSPITAL NAME

Shores VEC

REFERRING VET

Dr. Zippay

INVOICE

95873

DATE

2/8/22

PRESENTING CLINICAL SIGNS

Presented at our hospital for AUS. Started in November with pot belly and vaginal bleeding. Took to rDVM and did rads and bloodwork, treated with Convenia. Pet seemed better, then started back up with same symptoms approx 3-4 weeks ago. Took to another rDVM and tx with Clavamox, rec AUS to check for tumor vs pyometra. Pet does seem better, no pot belly and no vaginal bleeding. Never been bred. Previous Health Concerns: no Current Medications: no
Abnormal PE/Chem/CBC/UA Results: Abdominal: Abdominal distention. Abdomen is tight and painful. rDVM rads from fall 2021: large central abdominal mass effect displacing the colon and SI dorsally and laterally. rDVM bloodwork from fall 2021: mature neutrophilia with some toxic changes WBC 27,600; mini chem WNL.

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.

The region of the uterus was unremarkable and not overtly visualized.

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 this age patient. Medullary structure differed distinctly from that of the cortex. Calculi were noted in both kidneys. The left kidney measured 4.62 cm. The right kidney measured 4.57 cm with slight pyelectasia.

Adrenal Glands

The left **adrenal gland** was enlarged, heterogenous and swollen measuring 3.58 x 1.37 cm at the cranial pole and 1.48 cm at the caudal pole. The right adrenal gland was also enlarged.

Spleen

The **spleen** revealed a mixed echogenic parenchymal and microcystic mass with an infiltrative honeycomb type parenchyma throughout the organ. The mass appeared to extend into the regional omentum. I cannot completely rule out that the mass is not uterine in origin. However, it appears to primarily involve the spleen.

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. Occasional hypoechoic nodular change is noted. I cannot rule out early metastatic disease. The gallbladder presented some dependent debris with essentially normal contour.



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The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

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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.

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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.

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Free Abdomen

Free fluid was noted in the abdomen. Enhanced omentum was noted throughout the midabdomen.

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ULTRASONOGRAPHIC FINDINGS

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Splenic mass extending into the omentum with free fluid. The mass may be involving the uterus. However, overt uterus was not visualized.

Enlarged left adrenal gland.

IMAGING PERFORMED BY

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Nodular right adrenal gland.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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Exploratory surgery is indicated after three view chest radiographs. However, humane euthanasia may be necessary on the surgical table depending on findings.

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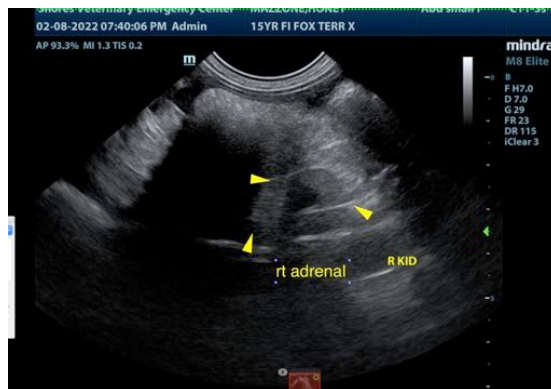
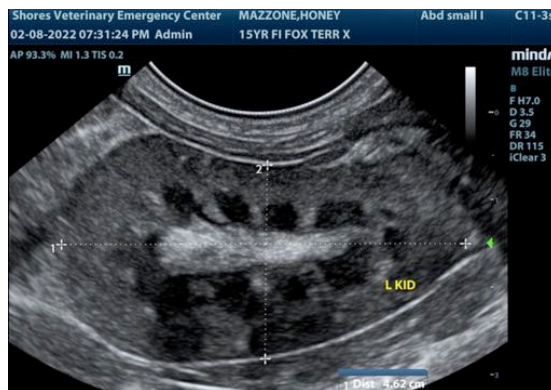
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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info@SonoPath.com

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