



PATIENT

Eliza Milon

SPECIES

Canine

BREED

Hound Mix

SEX

Spayed Female

AGE

10.5 Years

WEIGHT

45 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

A.Rodriguez

HOSPITAL NAME

Foxfield VS

REFERRING VET

A.Rodriguez

INVOICE

12867

DATE

8/30/21

PRESENTING CLINICAL SIGNS

History: Ate a CET yesterday and vomited it up. Lethargic and decreased appetite today

Abnormal PE/Chem/CBC/UA Results: WBC: 16.81, Creat: 1.9, ALT: too high to read. Alk: >2000, Tbili: 7.2, GGT: 12, Chol: 394, may: 1578

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 mild to moderate 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 left kidney measured 4.67 cm. The right kidney measured 5.06 cm.

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 right adrenal gland measured 2.84 cm x 0.87 cm. The left adrenal gland measured 2.47 cm x 0.7 cm.

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** revealed coarse architecture and increased portal markings. A hypoechoic nodule was noted in the left cranial liver, measured 1.5 cm, non-disruptive. The gallbladder and common bile duct were unremarkable.

Gastrointestinal

The upper **gastrointestinal tract** was unremarkable. The cecum was slightly thickened yet this is likely a positional variant. Minor residual chyme was noted in the stomach. No evidence of significant disease.

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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ULTRASONOGRAPHIC FINDINGS

- Non-specific cholangiohepatitis with hypoechoic nodule in the left cranial liver (non-disrupt
- Moderate degenerative renal changes
- Cecum slightly thickened with minor residual chyme in the stomach

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

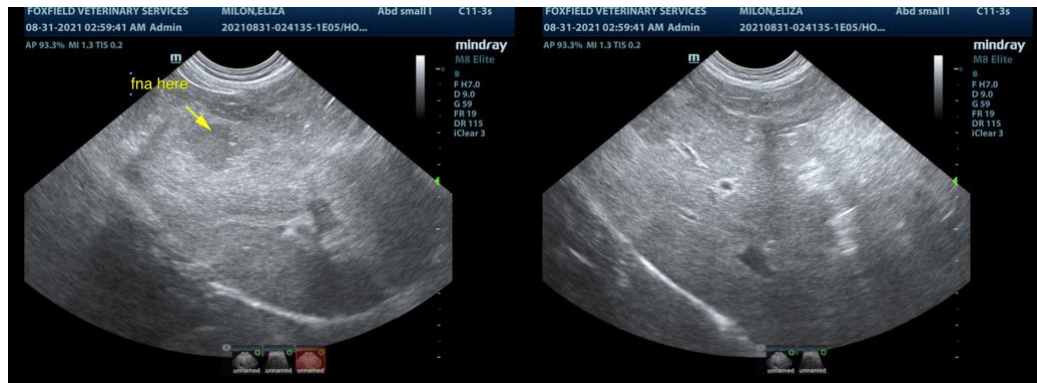
Leptospirosis or other acute hepatic insult suspected. Core liver biopsy would be ideal. Ultrasound guided FNA would provide inflammatory cell type. Ampicillin, metronidazole, nutraceuticals and IV fluid support all indicated.

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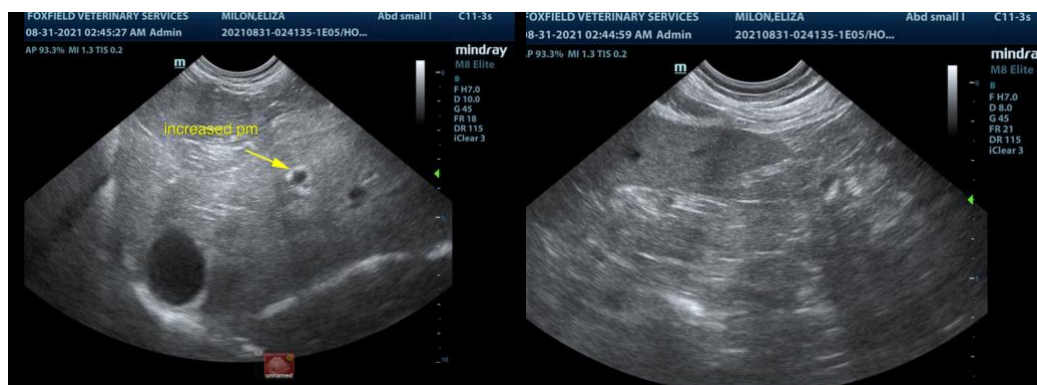
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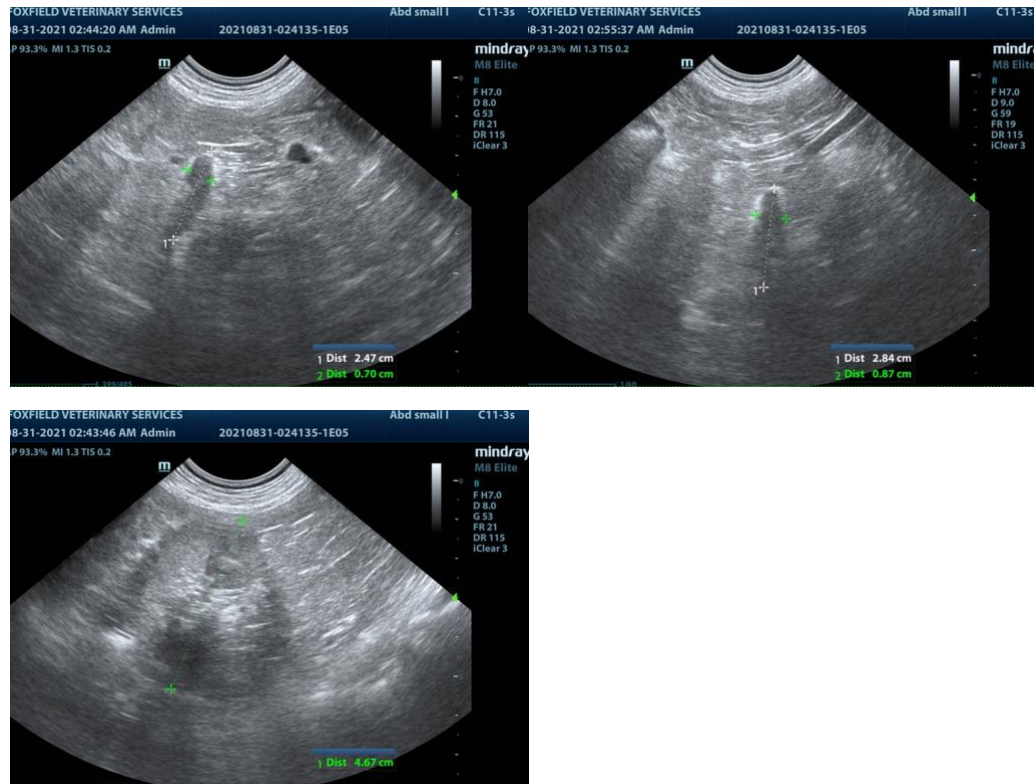
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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