



PATIENT

Daisy Legacy

SPECIES

Canine

BREED

Cocker Spaniel Mix

SEX

Spayed female

AGE

12 years

WEIGHT

13 kg

PRESENTING CLINICAL SIGNS

History: Daisy is a 12 YO FS Cocker Spaniel Mix who presented for vomiting and diarrhea over the last week. P was seen by rDVM and bloodwork was performed, but results are still pending. P was sent home with probiotic medication and given cerenia injection. The vomiting did stop, but then started again. Now p is not wanting to eat anything.

Abnormal PE/Chem/CBC/UA Results: Suspect splenomegaly with possible associated abdominal mass HCT: 33.5% SDMA: 33 ug/dL ALT: 283 U/L AST: 96 U/L ALP: 5011 U/L GGT: 48 U/L Total bili: 1.8 mg/dL Lipase: 370 U/L

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 **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 his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 5.0 cm. each. The right kidney

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Adrenal Glands

The **adrenal glands** were not visualized.

IMAGING PERFORMED BY

Dr. Lemanski

Spleen

The **spleen** was enlarged with coalescing, hypochoic micronodular changes. The contour was swollen. Enhanced surrounding mesentery was noted. Regional lymph nodes were enlarged, rounded and hypochoic to the surrounding fat.

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Liver

The **liver** was enlarged with increased portal markings. The liver revealed irregular contour. The gallbladder presented an echogenic wall and a non-clinical polyp that measured 1.0 cm. The hepatic lymph nodes were also enlarged and rounded measuring 3.5 cm.

REFERRING VET

Dr. Lemanski

INVOICE

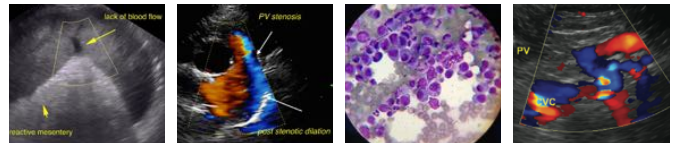
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Gastrointestinal

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

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normal luminal chyme and stool consistency respectively. The gastrointestinal tract per se was unremarkable, yet deviated by the hepatic and regional lymph node pathology.

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Pancreas

The **pancreas** revealed heterogenous parenchymal changes, yet not a primary issue. Secondary inflammation was noted owing to the lymphoproliferative pattern.

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Cocker Spaniel Mix

ULTRASONOGRAPHIC FINDINGS

Infiltrative, splenohepatic pattern with multi-centric lymphadenopathy.

SEX

Spayed female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ultrasound-guided FNA of the accessible lymph nodes, spleen and liver are recommended. Chest radiographs are warranted to assess comorbidity. I suspect round cell neoplasia.

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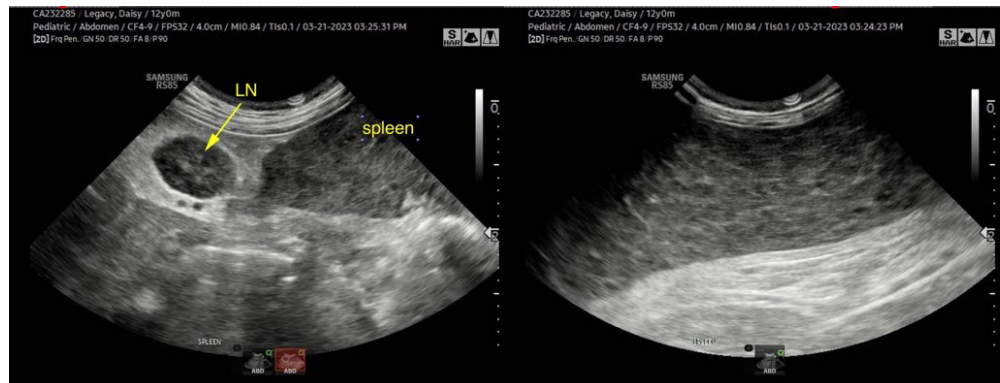
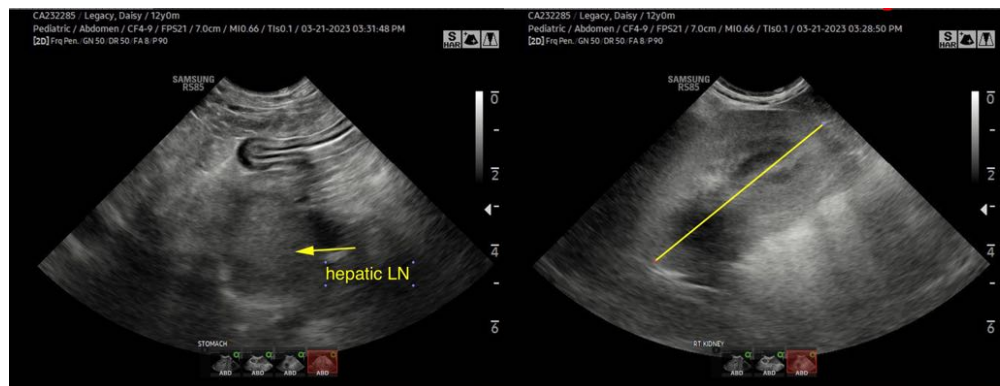
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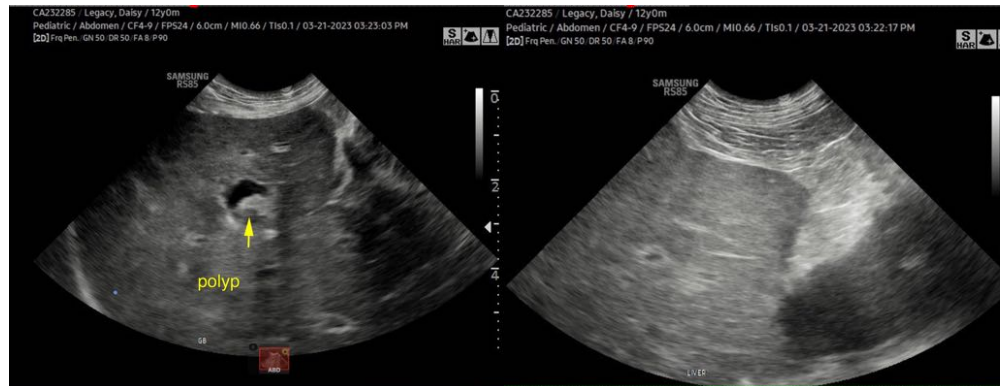
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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