



PATIENT

Lady Czarnecki

PRESENTING CLINICAL SIGNS

History: Prev. AUS Nov/2022= 2cm + 0.5cm splenic masses. P presents due to lethargy, decreased appetite. Current meds: Cytopoint
Abnormal PE/Chem/CBC/UA Results: Pending

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Mix

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.

SEX

Spayed female

AGE

13 years

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. The right kidney measured 4.93 cm. The left kidney measured 5.63 cm with slight pyelectasia.

WEIGHT

25.5 lbs

Adrenal Glands

The right adrenal gland was uniform and measured 1.74 x 0.69 cm at the cranial pole and 0.42 cm at the caudal pole. The left adrenal gland was subnormal in size and measured 1.52 x 0.31 cm at the cranial pole and 0.34 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

IMAGING PERFORMED BY

Shari Reffi CVT

The **splenic** nodules are persistent and measured up to 0.86 cm at the cranial pole. The spleen in general was mildly enlarged and measured 3.0 cm in width. Slight granular appearance was noted. If any weight loss is an issue then FNA is indicated.

HOSPITAL NAME

Blairstown AH

Liver

The **liver** revealed coarse architecture and increased portal markings. The gallbladder and common bile duct were unremarkable. The hepatic lymph nodes were enlarged and hypoechoic. Length to width ratio was maintained.

REFERRING VET

Dr. Lovell

Gastrointestinal

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The **gastrointestinal tract** revealed minor variable thickening and echogenic submucosal changes most consistent with low grade end result of chronic GI disease such as IBD and may be related to malassimilation of nutrients if any weight loss is present. No obvious neoplastic patterns were noted and luminal content as unremarkable.

DATE

8/11/23



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Pancreas

Lady Czarnecki

Heterogenous **pancreatic** changes were noted.

SPECIES

Free Abdomen

Canine

A slight amount of free fluid was noted in the caudal abdomen.

BREED

Mix

ULTRASONOGRAPHIC FINDINGS

Splenic enlargement.

SEX

Spayed female

Hepatic lymphadenopathy and coarse hepatic architecture and irregular contour.

Slight free fluid.

AGE

13 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

25.5 lbs

There is a strong concern for emerging neoplasia in this patient. Coagulation panel, 25-gauge FNA of the spleen and liver is recommended. Multiple, nodular changes were noted in the liver. This represents a progressive change in the spleen and liver compared to the prior sonogram. If possible sampling of the free fluid would be indicated. There is possibility of underlying mast cell disease in this patient. Benadryl injection prior to sampling would be warranted. Rapid view of the heart revealed no evidence of pathology in the right auricle or pericardium. Chest radiographs are warranted to assess for comorbidity.

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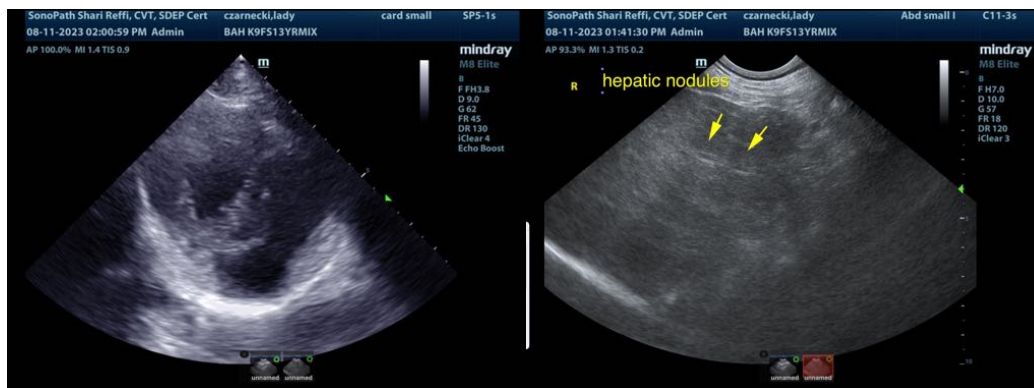
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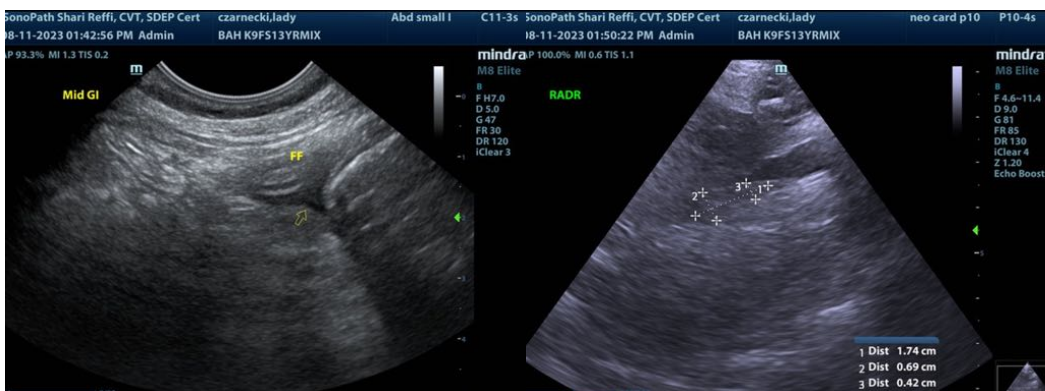
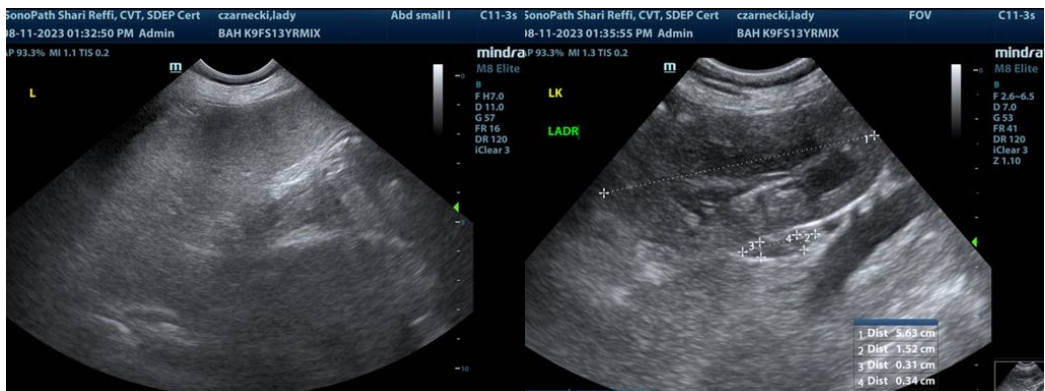
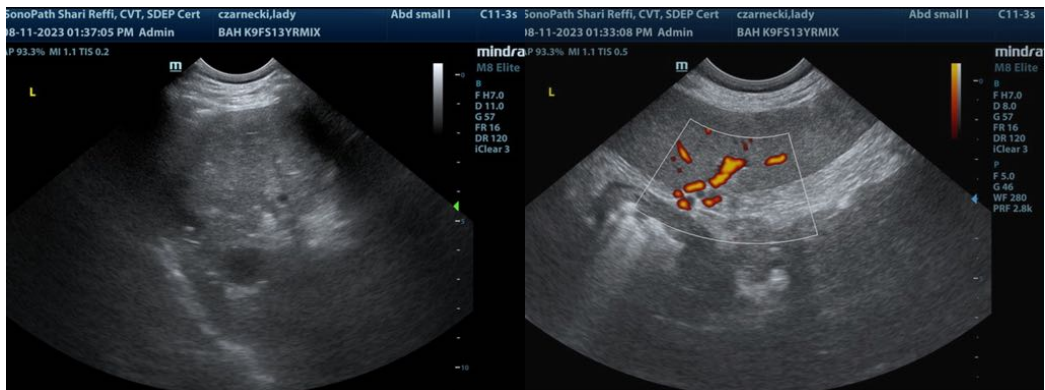
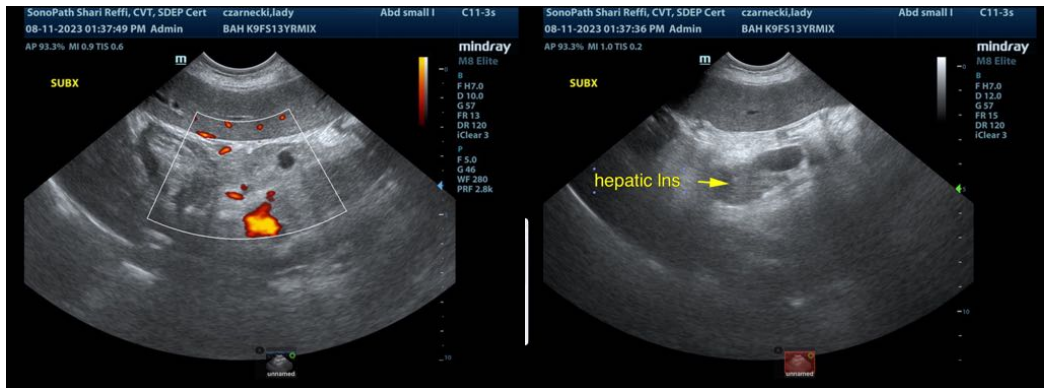
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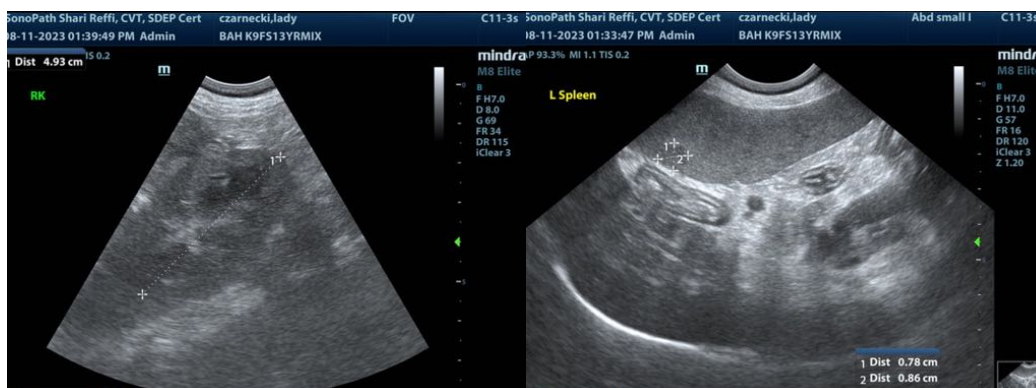
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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info@SonoPath.com