

**DATE**

2/25/22

PRESENTING CLINICAL SIGNS

Repeat follow up AUS. Chronic decreased appetite. BW 1/27/22- increased liver enzymes. AST 74, ALT 383, ALKP 150, Bili 0.5. Previous liver enzyme elevation resolved 7/22/20 resolved.

Current Medications: Mirtazapine 15mg ½-1 SID as needed, Metronidazole 250mg ½ BID #21, Clavamox 250mg BID #21, Denamarin advanced.

Date of Previous IntraPet Ultrasound: 12/14/21.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

Imaging Performed By: Stephanie Pearce RDCS, RVT.

PATIENT

Flakko Frey

SPECIES

Canine

BREED

Rottweiler Mix

SEX

Neutered male

AGE

1/16/09

WEIGHT

40.2 lbs

INTERPRETED BY

Eric Lindquist, DMV
 DABVP, Cert. IVUSS

HOSPITAL NAME

Bel Air VH

REFERRING VET**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 prostate was uniform and measured 1.35 cm.

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 and no evidence of pelvic dilation was present. The right kidney measured 5.12 cm.

Adrenal Glands

The right adrenal gland was slightly irregular and mildly heterogenous similar to the prior sonogram. The right adrenal gland measured 2.28 x 0.9 cm at the caudal pole and 0.94 cm at the cranial pole. The left adrenal measured 2.4 x 0.71 cm at the caudal pole and 0.57 cm at the cranial pole.

Spleen

The **spleen** revealed focal, nodule similar to the prior sonogram and measured 1.0 cm x 0.57 cm. The remainder of the spleen revealed mild remodeling. A separate splenic nodule was noted and measured 2.0 cm. The larger nodule appeared to have more significant disruption of architecture.

Liver

The **liver** revealed coarse architecture and mild heterogenous parenchymal changes. The gallbladder and common bile duct were unremarkable.

INVOICE

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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. Areas of mucosal speckling was noted in the small intestine. Minor reactive mesenteric lymph nodes were noted. The largest of which measured 2.0 x 0.8 cm.

Pancreas

The **pancreas** revealed minor heterogenous parenchymal changes.

Heart

Rapid view of the heart revealed mitral valve prolapse and tricuspid valve prolapse, yet minor right-sided cardiac enlargement was noted. There was no evidence of masses.

ULTRASONOGRAPHIC FINDINGS

Stable abdomen with stable splenic nodule.

Mild organ remodeling, acceptable for this age patient.

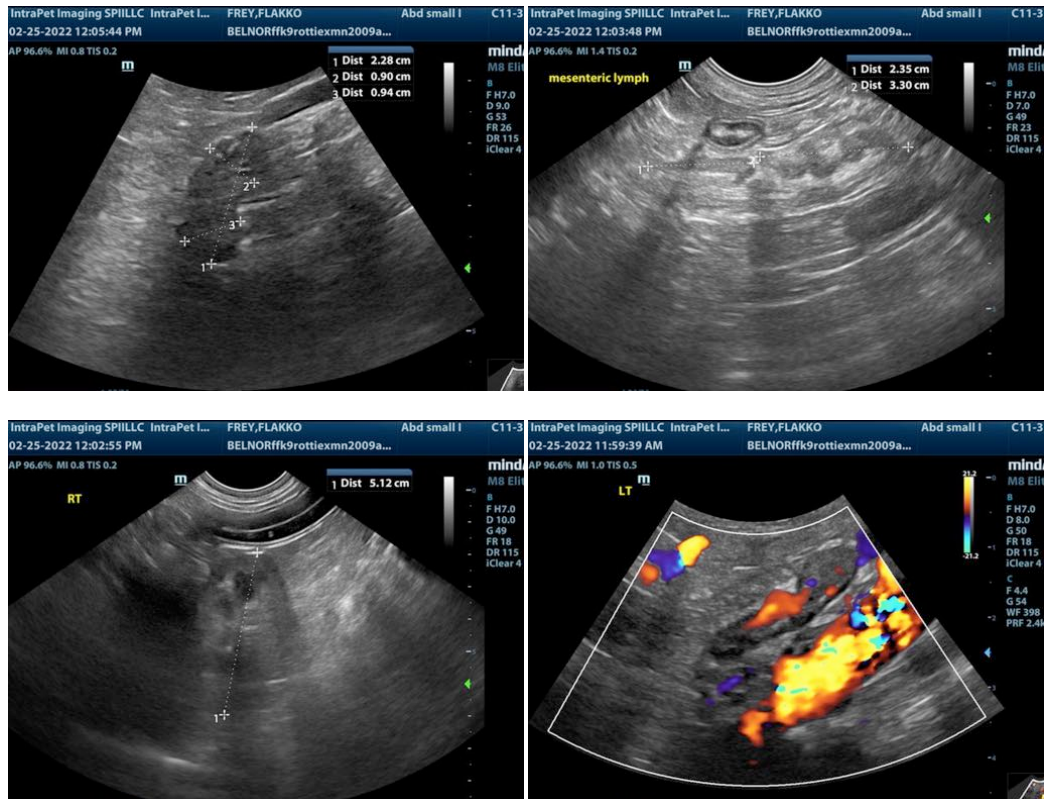
Likely nodular hyperplasia of the spleen.

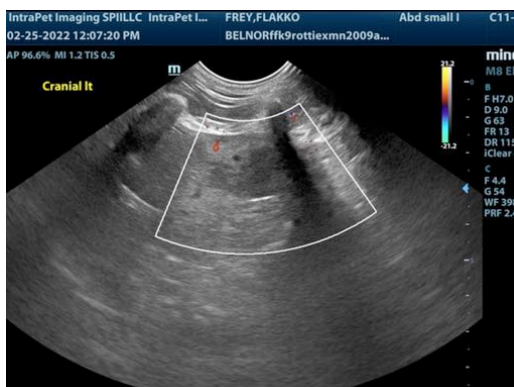
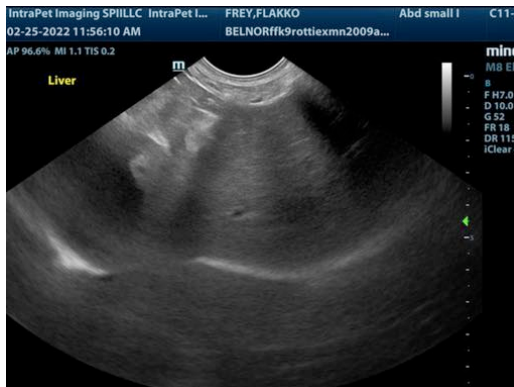
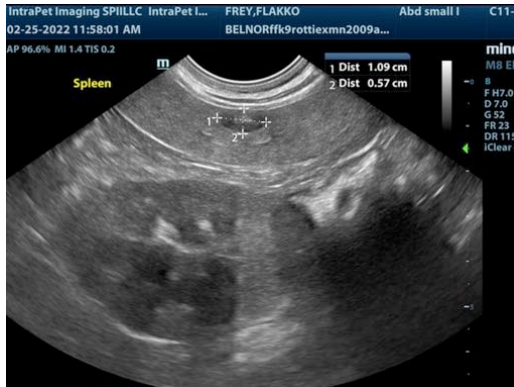
Minor, heterogenous right adrenal changes.

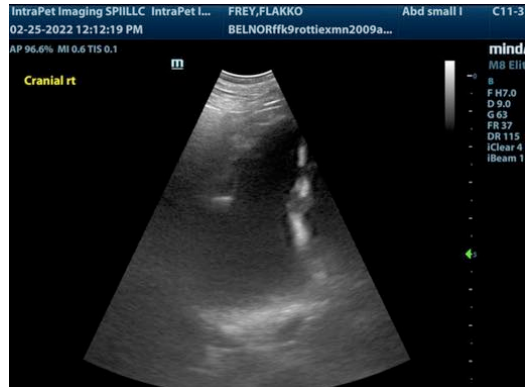
Mitral and tricuspid valve prolapse with right-sided cardiac enlargement.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

From a preventative standpoint I recommend splenectomy in this patient or FNA of both splenic nodules.







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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