

**DATE PRESENTING CLINICAL SIGNS**

3/24/23

History: Preexisting diabetic, PLN, recent cataract surgery. Not doing well recently post cataract surgery. Decreased appetite, elevated liver enzymes, mild nonregenerative anemia minimally responsive to medications.

**PATIENT**

Sandy Baczynskj

Current Medications: Metronidazole Tabs 500mg Vetsulin 26 units BID.

**SPECIES**

Lab Results: Elevated liver enzymes, anemia, hyperglycemia (acute loss of diabetic control due to appetite issues).

Canine

Date of Previous IntraPet Ultrasound: 3/5/22 & 5/20/22.

**BREED**

Sedation: Not required to complete full diagnostic ultrasound.

Pitbull

Stat Report: STAT requested.

Imaging Performed By: Rachel Brillhart, RDMS.

**SEX****ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Spayed Female

**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.

**AGE**

3/31/10

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some 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. Multifocal hypoechoic nodular changes were noted, up to 1.2 cm, strongly suggests for metastatic disease. The right kidney measured 7.05 cm.

**WEIGHT**

75 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**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 3.4 cm x 0.85 cm at the caudal pole and 0.89 cm at the cranial pole. The left adrenal gland measured 2.91 cm x 0.76 cm at the caudal pole and 0.65 cm at the cranial pole.

**HOSPITAL NAME**

Festival VC

**REFERRING VET****Spleen**

Dr. Beron

The **splenic** lesion was persistent, measuring 2.22 cm. This appears stable and similar to the prior sonogram, however, given the global presentation, I cannot rule out the possibility of the splenic lesion being a primary source of pathology.

**INVOICE**

21743

**Liver**

The **liver** was riddled with multiple hypoechoic nodular changes with target type appearance. Disrupted architecture was noted throughout the liver with scalloping irregular contour and coalescing target lesions. The hepatic presentation is a significant progressive process compared to the prior sonogram. The gallbladder and common bile duct were unremarkable. The hepatic pathology appeared to overlap the vena cava. The hepatic veins were not dilated.

### **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.

### **Pancreas**

The **pancreas** revealed heterogenous nodular changes with enhanced surrounding omentum. There is a possibility of a primary source of pathology in the pancreas.

### **Free Abdomen**

A moderate amount of **free fluid** was noted throughout the abdomen.

### **Other**

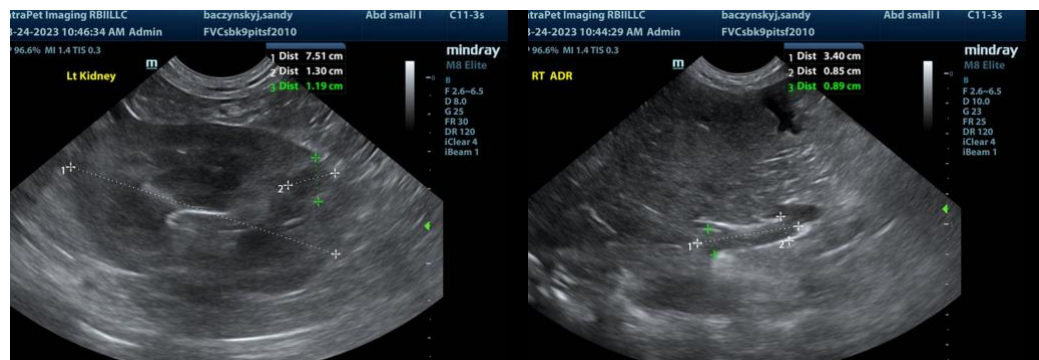
A rapid view of the **heart** revealed no evident pathology. Normal contractility, function and structure was noted. Some ringdowns and trace pleural effusion were noted.

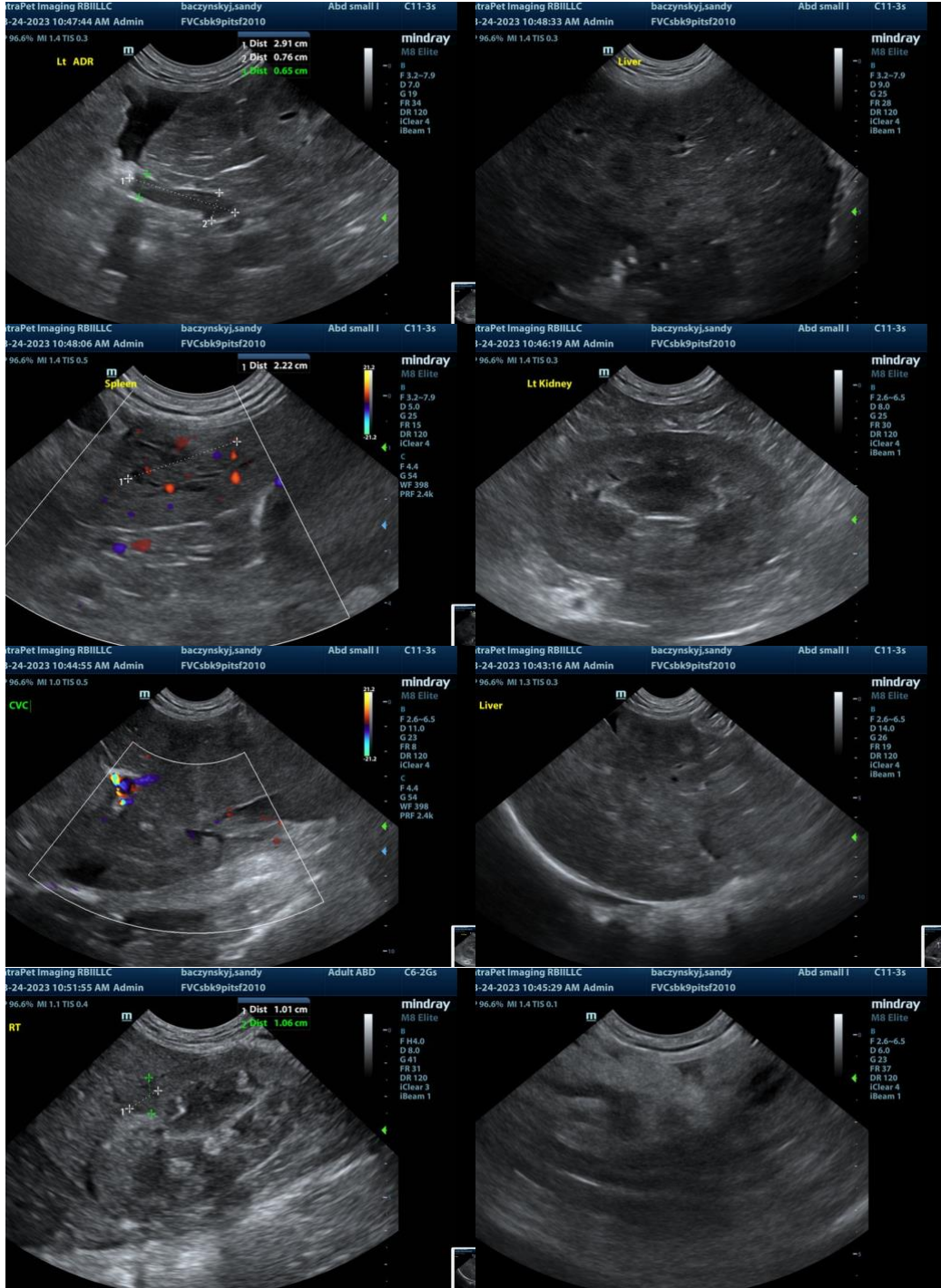
## **ULTRASONOGRAPHIC FINDINGS**

- Abdominal neoplastic pattern, involving the liver and possibly spleen. Metastatic pattern to the kidneys and possibly pancreatic pathology.
- Persistent splenic lesion
- Persistent hypoechoic nodular lesions in the liver with target type appearance
- Heterogenous nodular pancreatic changes
- Age-related renal changes with nodular changes
- Moderate amount of free fluid throughout the abdomen
- Ring downs and trace pleural effusion

## **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Abdominocentesis and cytospin, as well as FNA of the spleen, liver and renal cortices all indicated for further definition.







**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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