

**DATE PRESENTING CLINICAL SIGNS**

9/10/21 Patient has been panting more than normal for about a month. Reluctant to go on walks at times. Appetite is normal, acting normally.

PATIENT

Teddy Katris Current Medications: Claro for Malassezia ear infection.
Lab Results: CBC/Chem Panel unremarkable, TT4 slightly low
Radiographs: Radiographic findings: heart appears enlarged, concerned about heart based tumor. Possible splenic mass.

SPECIES

Canine Date of Previous IntraPet Ultrasound: No previous
Sedation: not needed
Stat Report: not requested

BREED**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Golden Retriever

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 residual prostate was uniform at 1.29 cm.

SEX

Neutered Male

AGE

Sublumbar lymph nodes were mildly enlarged, reactive, measuring 4.42 cm x 1.32 cm.

2011

WEIGHT

106 Pounds

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 7.81 cm. The right kidney measured 6.95 cm.

INTERPRETED BYEric 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 3.22 cm x 0.71 cm at the caudal pole and 0.73 cm at the cranial pole. The left adrenal gland measured 3.39 cm x 0.75 cm at the caudal pole and 0.68 cm at the cranial pole.

HOSPITAL NAME

Festival Vet Clinic

Spleen

The **spleen** was mildly heterogeneous and slightly enlarged. A focal, hypoechoic, target type nodule was noted measuring 1.42 cm x 1.45 cm at the cranial pole.

REFERRING VET

Dr. Prange

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

INVOICE

25322

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 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.

Free Abdomen

Limited view of the chest revealed no evident pathology.

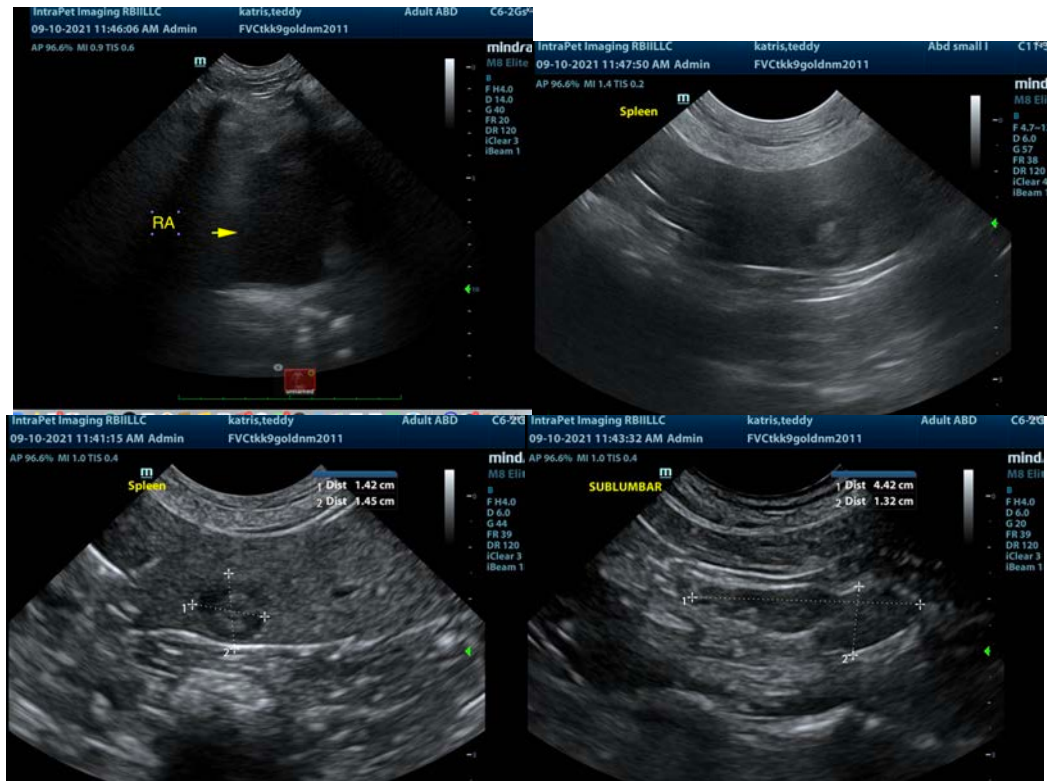
ULTRASONOGRAPHIC FINDINGS

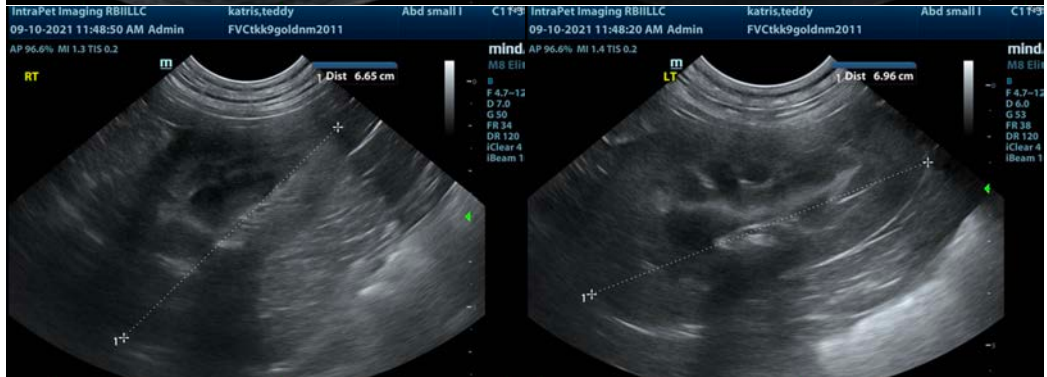
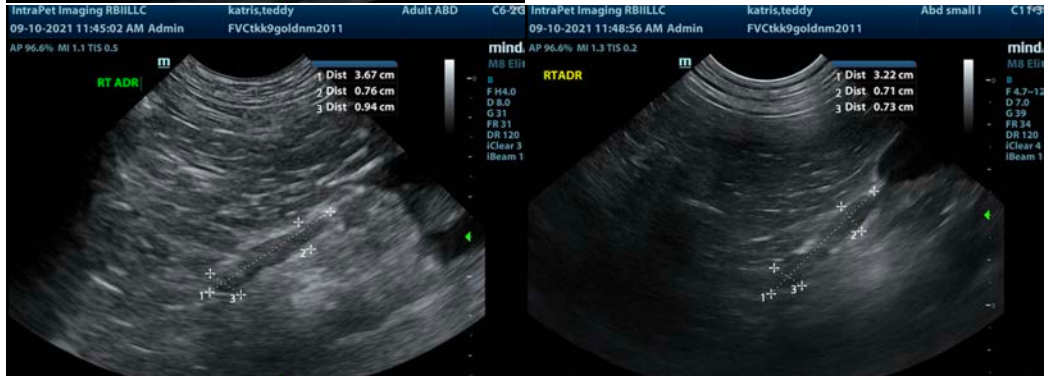
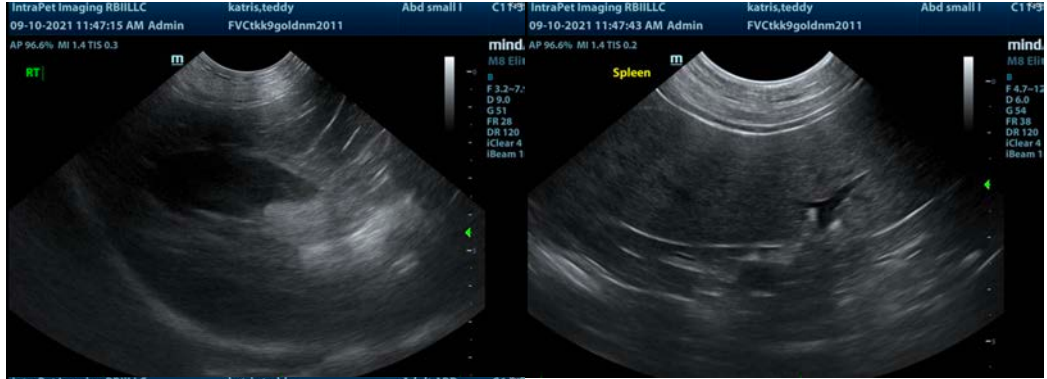
- Splenic nodule and heterogeneous changes
- Iliac lymphadenopathy

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ultrasound guided FNA of the iliac lymph nodes and splenic nodule as well as general spleen warranted. Round cell neoplasia, hemangiosarcoma, pronounced hyperplasia all possibilities of the spleen. This may not be related to the clinical signs in this patient. Given the panting, assessment for orthopedic pain, cardiac or CNS disease should be considered as well as blood pressure measurements.

Assessment of BUN, creatinine, USG, chest radiographs and blood pressure as well as clinical exam ideal in 7-10 days. Basal respiratory rate should be <20/min.





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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