

**DATE**

3/24/22

PRESENTING CLINICAL SIGNS

Unremarkable other than continual weight loss for the past 3 years. Recently started hiding more than normal, appetite slightly less.

Current Medications: Mirtazapine.

Lab Results: See attached.

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

Imaging Performed By: Rachel Brilhart, RDMS.

PATIENT

George Knox

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

10/3/09

WEIGHT

10 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

HOSPITAL NAME

Bayside Animal
Medical Center

REFERRING VET

Dr. Sims

INVOICE

97772

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 this age patient. Medullary structure differed distinctly from that of the cortex. Slight pinpoint mineralization were noted and measured up to 0.27 cm. The left kidney measured 4.46 cm. Slight pyelectasia was noted in the right kidney with cortical infarcts, collapse and pelvic calculus that measured 0.87 cm. The right kidney measured 3.09 cm.

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 0.6 cm.

Spleen

The **spleen** was enlarged with scalloping contour and folded upon itself caudally. The spleen measured 1.3 cm.

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.

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. Some retention of ingesta or progressively shadowing material was noted in the stomach. There is a potential that this is a hairball accumulation. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. The mesenteric lymph node was enlarged and measured 1.76 x 1.72 cm. The lymph nodes were

rounded and hypoechoic with enhanced surrounding mesentery. The epigastric lymph nodes were slightly enlarged and measured 0.92 cm.

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxiphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

ULTRASONOGRAPHIC FINDINGS

Mesenteric lymphadenopathy.

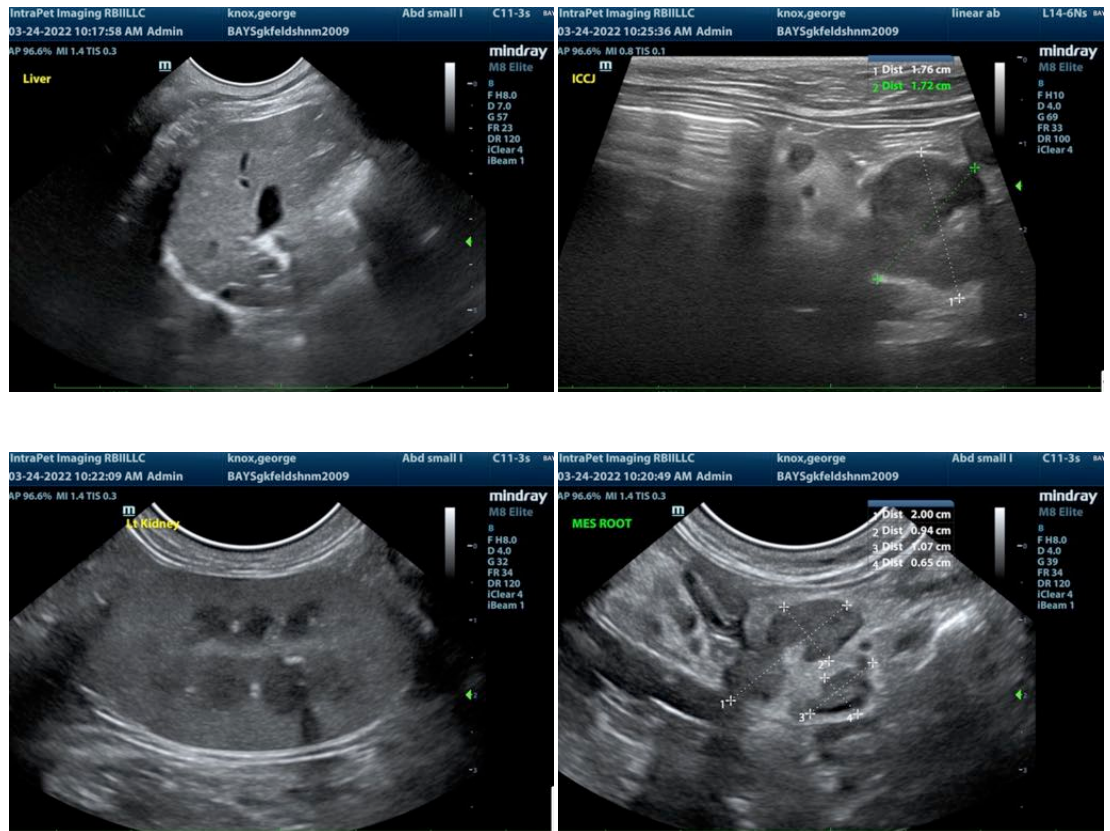
Splenomegaly.

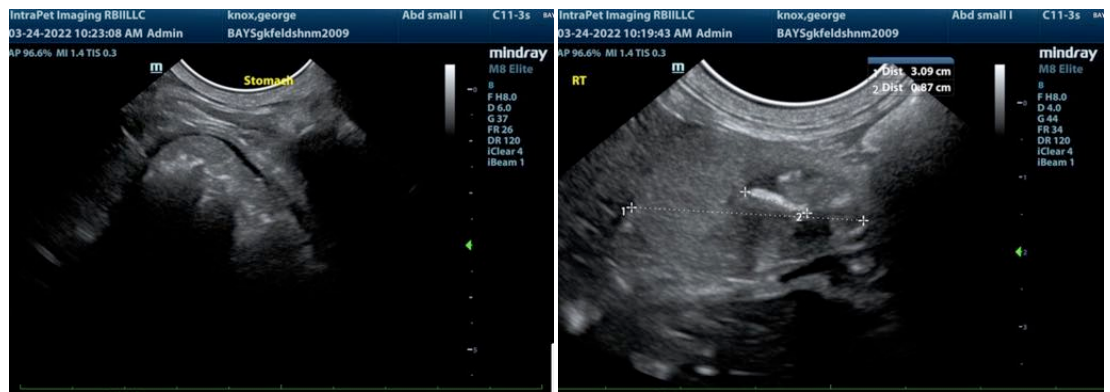
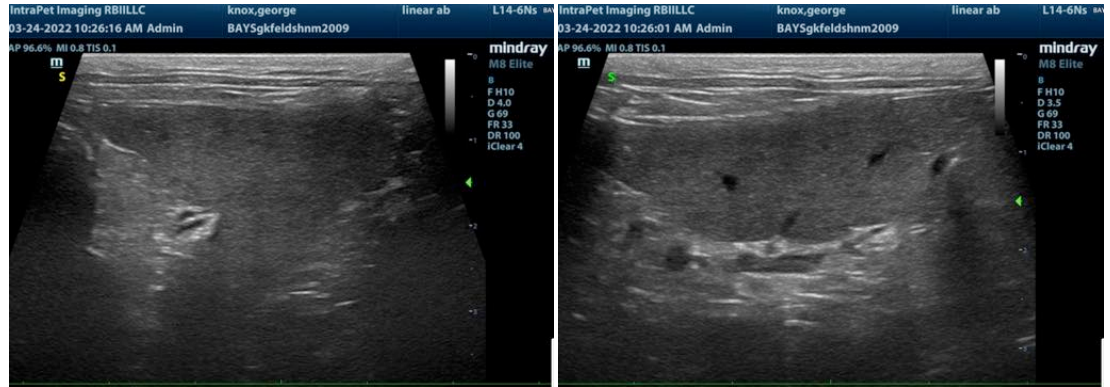
Right renal dystrophy, moderate. Mild degenerative left renal changes.

Age related pancreatic and hepatic changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the spleen and mesenteric lymph nodes are recommended to assess for underlying round cell neoplasia versus lymphadenitis and reactive spleen.





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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