**DATE PRESENTING CLINICAL SIGNS**

8/11/23

Chronic diarrhea has been worse over this past month. Patient has vomited 3 times this month. Patient is lethargic. Patient has lost weight over the past 2 months: ~ 5.5 lbs

PATIENT

Current Medications: Started 8/5/23: Carafate 1 gm, 1 po BID, Cerenia 160 mg, 1/2 po SID, Metronidazole 500 mg 1 po BID, Immodium AD 1 po BID

Penny Hoy

Lab Results: low level increased ALT 215 on 5/3/23, low level increased PSL 188 on 5/3/23

Date of Previous IntraPet Ultrasound: 4/23/21. See attached.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

SPECIES

Imaging Performed By: Rachel Brillhart, RDMS.

Canine

BREED**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN****Urinary System**

Goldendoodle

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

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. Slight, pinpoint mineralization was noted in the kidneys. The left kidney measured 6.01 cm. The right kidney measured 6.52 cm.

AGE

11/10/10

WEIGHT

71 lbs

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 x 0.82 cm at the cranial pole and 0.74 cm at the caudal pole. The left adrenal gland measured 3.05 x 0.87 cm at the caudal pole and 0.65 cm at the cranial pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

HOSPITAL NAME

Bel Air VH

Spleen

The **spleen** revealed minor, heterogenous parenchymal changes with hyperechoic lipid plaques. The hypoechoic nodules were non-disruptive and most consistent with hyperplasia. However, I cannot completely ruled out emerging neoplastic process.

REFERRING VET

Dr. Schmidt

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

46575

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. 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.

Heart

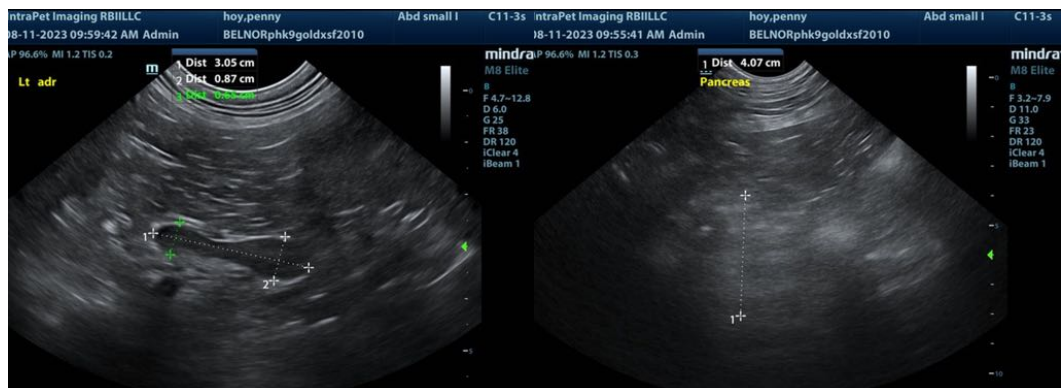
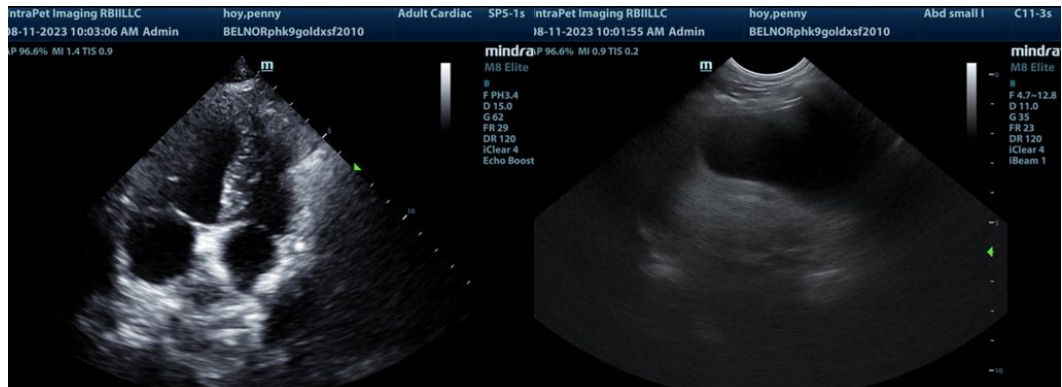
Rapid view of the heart revealed no evidence of pathology. Contractility was normal. Pericardial and right auricular structures were normal.

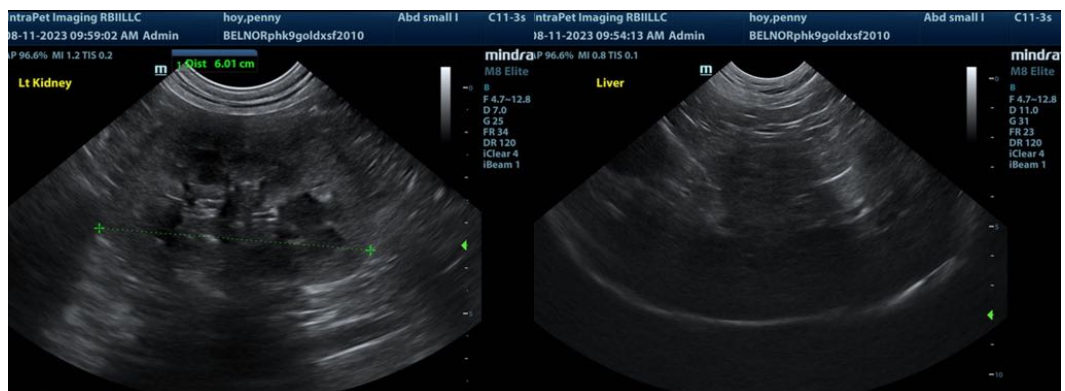
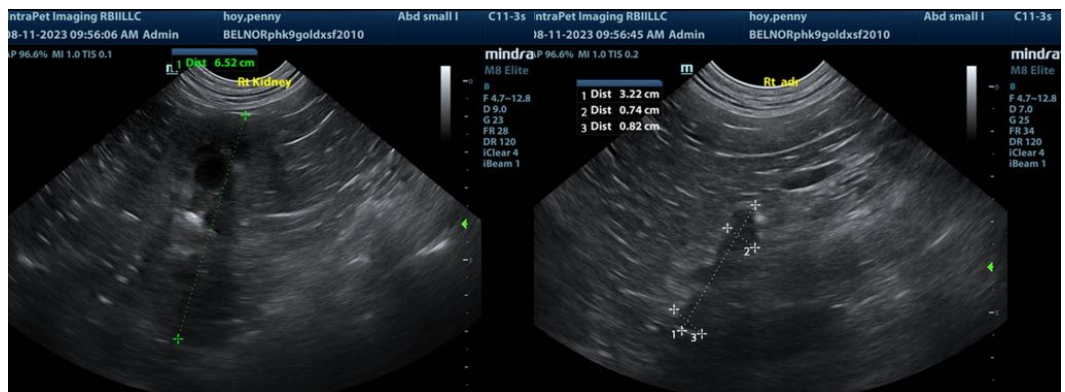
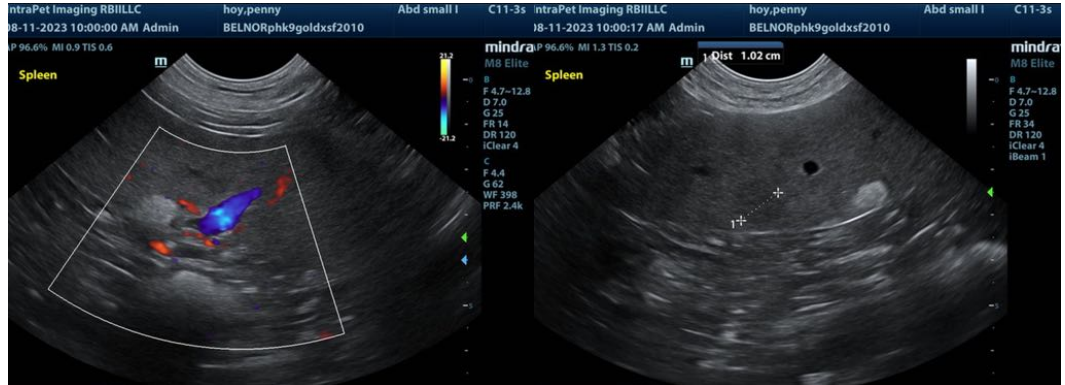
ULTRASONOGRAPHIC FINDINGS

Geriatric abdomen with pancreatic remodeling and age related hepatic and renal changes with slight micronodular hyperplasia splenic pattern.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of significant disease. The changes are largely expected for this age and breed.





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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