**DATE PRESENTING CLINICAL SIGNS**

1/25/23

Hx severe obstipation in 2020 and again in 2021, currently well controlled with daily miralax. Recent PU/PD and vomiting/inappetence with occasional cough. Now not eating well, BW/T4/UA NSF. Exam relatively unremarkable other than drooling after abdominal palpation (suspect due to nausea)

PATIENT

Jonah Gist

Current Medications: Miralax 1/2 tsp BID (since 2021), Mirataz per instructions SID since 1/21/23, Cerenia 8mg PO SID since 1/21/23

Planning to give Convenia and Dexamethasone SP injection when in for Intrapet US.

Lab Results: Mild neutropenia (1.2k), otherwise CBC/chem/T4/freeT4 NSF. Mild hematuria on UA (suspect due to cystocentesis).

SPECIES

Feline

Radiographs: See attached report.

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

BREED

Himalayan

Imaging Performed By: Rachel Brillhart, RDMS.

SEX

Neutered male

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.

AGE

6/28/08

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. Non-obstructive corticomedullary mineralization was noted in both kidneys. The left kidney measured 3.52 cm. The right kidney measured 3.53 cm.

WEIGHT

13.9 lbs

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 0.47 cm.

HOSPITAL NAME

Airpark AH

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

REFERRING VET

Dr. Mazzochette

INVOICE

42334

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 free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. The ileum revealed mild, excessive hypertrophy of the muscularis. The ileum wall measured 0.6 cm in thickness. This may be secondary hypertrophy owing to chronic obstipation. Variable other small intestinal thickening was noted without loss of detail. The mesenteric lymph node measured 1.7 x 0.73 cm.

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.

Thorax

Trace pleural effusion was noted.

ULTRASONOGRAPHIC FINDINGS

Age related abdominal changes.

Renal mineralization.

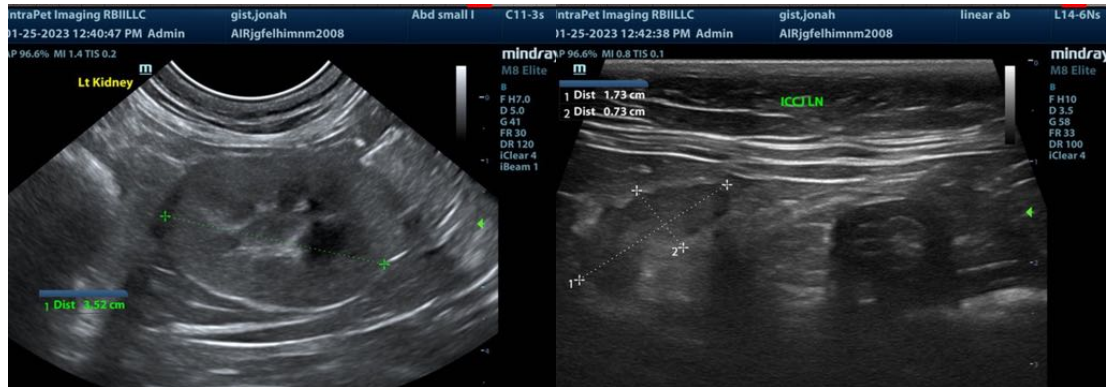
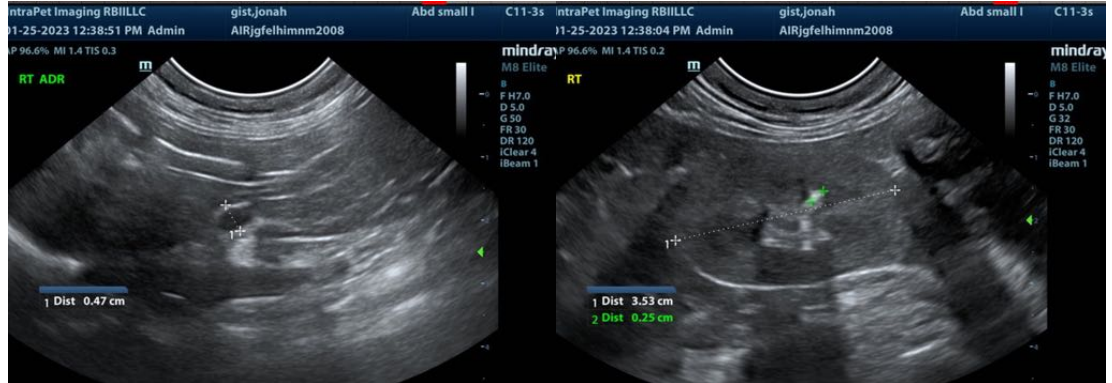
Chronic inflammatory bowel with primary obstipation, possible mesenteric lymphadenopathy.

Pleural effusion.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given the chronic obstipation, if not medically manageable subtotal colectomy can be considered in this patient with intestinal lymph node biopsies. There was no structural evidence of colonic disease noted.





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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