

**DATE**

9/9/22

PRESENTING CLINICAL SIGNS

History: Recheck AUS. Was dropped off for FNAs, however abnormal PT/PTT.

PATIENT

Knonnie Morrison

Date of Previous IntraPet Ultrasound: 9/6/22.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

SPECIES

Feline

Imaging Performed By: Rachel Brillhart, RDMS.

BREED

DMH

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**SEX**

Spayed Female

Urinary System

The **urinary bladder** wall thickening was noted, up to 0.75 cm. This may be related to the intestinal lymph node process.

AGE

2014

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 3.88 cm. The right kidney measured 4.04 cm.

WEIGHT

11.4 Pounds

Adrenal Glands

The **adrenal glands** were uniform, yet bilaterally swollen and hypoechoic. This is most consistent with stress-induced hyperplasia. The left adrenal gland measured 0.78 cm. The right adrenal gland measured 0.7 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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 were noted.

HOSPITAL NAME

Animal Emergency
Hospital

Liver

The **liver** was mildly swollen. The common bile duct was normal, measuring 0.22 cm.

REFERRING VET

Dr. Saubier

Gastrointestinal

The **stomach** itself was unremarkable. The colonic, small intestinal and lymph node presentations are similar to the prior sonogram. Areas of muscularis infiltrative patterns were noted throughout the small intestine. The proximal colon was enlarged, measuring 0.74 cm.

INVOICE

17229

Pancreas

Heterogenous **pancreatic** changes were noted yet not a primary issue.

Free Abdomen

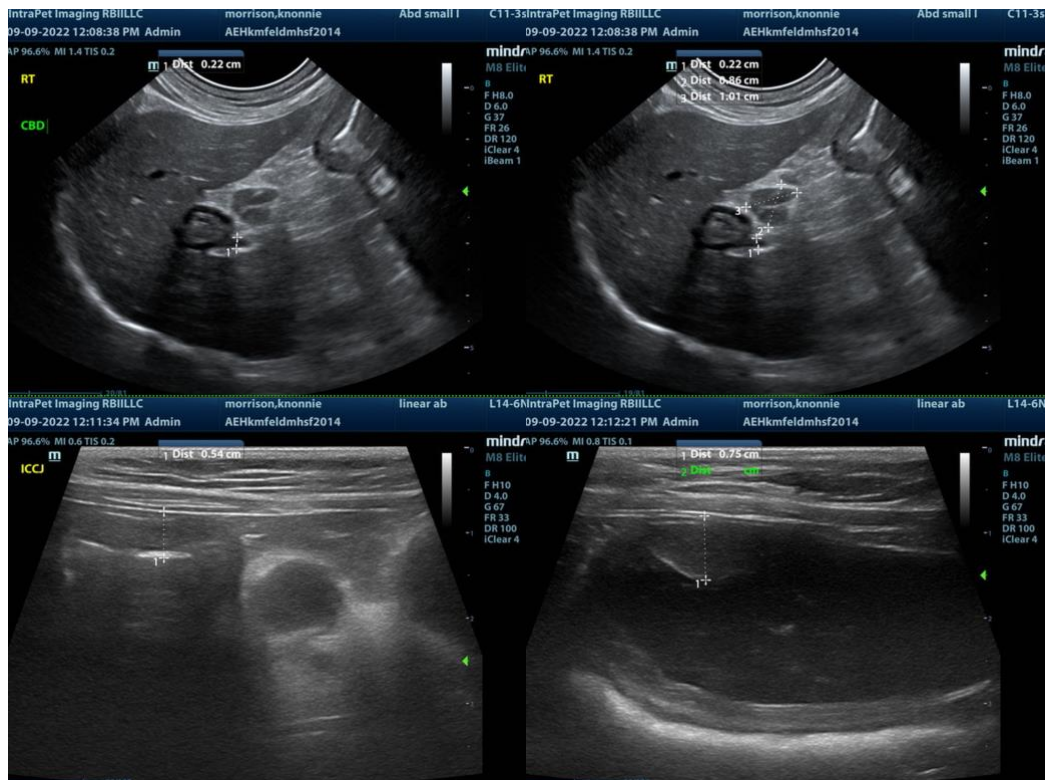
The epigastric **lymph nodes** were slightly enlarged and rounded, measuring 1.01 cm x 0.86 cm. Larger lymph nodes were present, measuring up to 2.0 – 2.5 cm with regional inflammation.

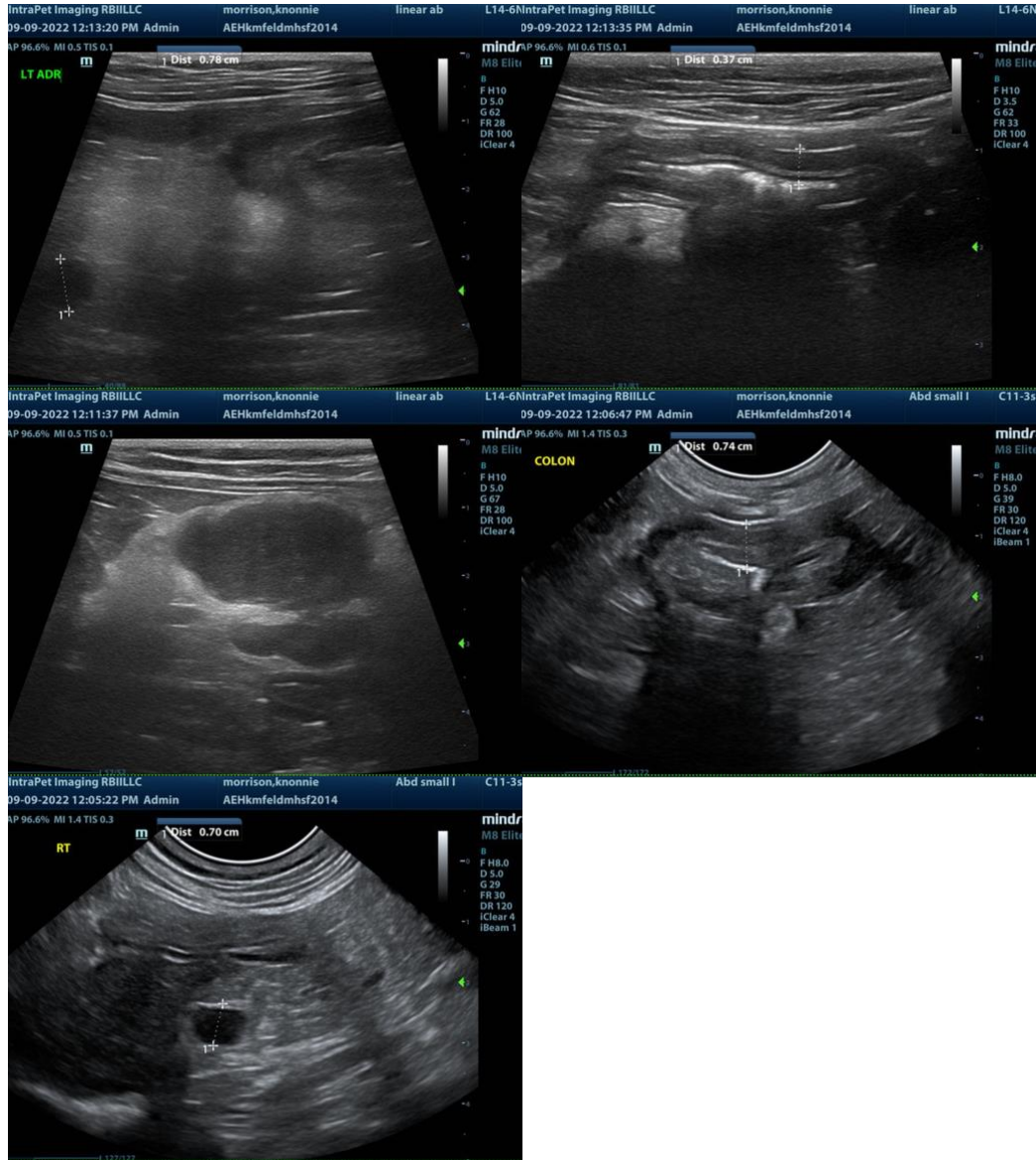
ULTRASONOGRAPHIC FINDINGS

- Persistent infiltrative patterns in the intestines, lymph nodes and possibly liver, especially given the altered coagulation parameters, likely owing to intestinal dysbiosis and potential liver disease.
- Multifocal urinary bladder thickening- Interstitial cystitis, metastatic lymphoma suspected given the global abdominal presentation. Carcinoma is less likely.
- Mildly swollen liver
- Enlarged, rounded lymph nodes
- Heterogeneous pancreas
- Adrenal gland stress

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Stabilization of coagulation panel, FNA of the lymph node, intestinal masses and liver are all indicated. Prognosis is guarded. Supportive care is indicated in the meantime. Multicentric lymphoma is suspected. Lymphadenitis and granulomatous intestinal colitis is possible yet less likely.





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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