**DATE**

1/30/23

PATIENT

Mailaya Heym

SPECIES

Canine

BREED

American Bulldog

SEX

Spayed female

AGE

1/28/12

WEIGHT

111.8 lbs

INTERPRETED BYEric Lindquist, DMV
DABVP, Cert. IVUSS**HOSPITAL NAME**Animal Emergency
Hospital**REFERRING VET**

Dr. Trout

INVOICE

42422

PRESENTING CLINICAL SIGNS

Started 2d ago and has progressively worsened- Very Lethargic, no appetite, intermittent vomiting ("Like she's trying to clear her throat") was up all night, seemed restless and had difficulty breathing last BM Thursday last urine was yesterday Vx for Lyme.

Current Medications: buprenorphine, maropitant, omeprazole, ondansetron, entyce.

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 Brillhart, RDMS.

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 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 right kidney measured 6.8 cm. The left kidney measured 7.93 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 left adrenal gland measured 3.28 x 0.84 cm at the caudal pole and 0.73 cm at the cranial pole. The right adrenal gland measured 3.69 x 0.92 cm at the caudal pole and 0.87 cm at the cranial pole.

Spleen

The **spleen** was largely smooth with subtle heterogeneous parenchymal changes while maintaining normal echogenic relationship to the liver and kidney. These changes are consistent with normal age-related alteration. The capsule was smooth without noticeable impingement from within the spleen or from pathology in the adjacent abdomen. The splenic vasculature demonstrated normal volume without signs of congestion or significant contraction. No evidence of active acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

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. 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.

Heart

Rapid view of the heart revealed no evidence of pathology in the right auricle or pericardium. There was no free fluid or masses noted. Comet tail lung pattern was noted in this patient, primary lung disease may be an issue.

ULTRASONOGRAPHIC FINDINGS

Unremarkable abdomen.

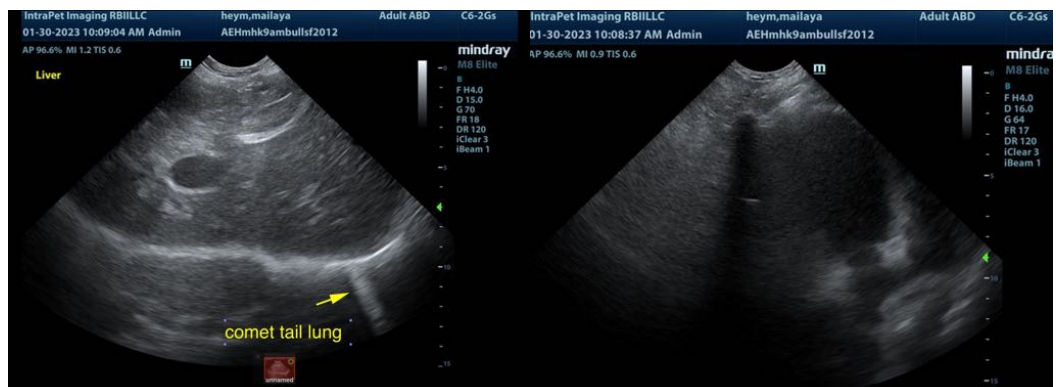
Heterogenous splenic and hepatic changes.

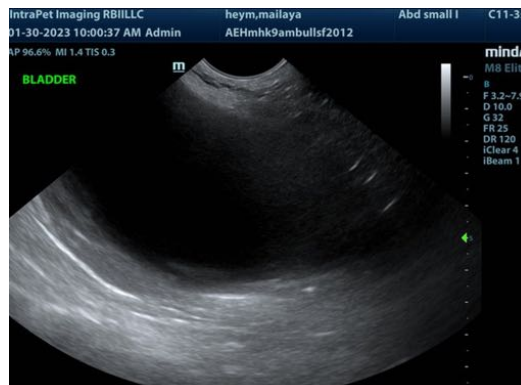
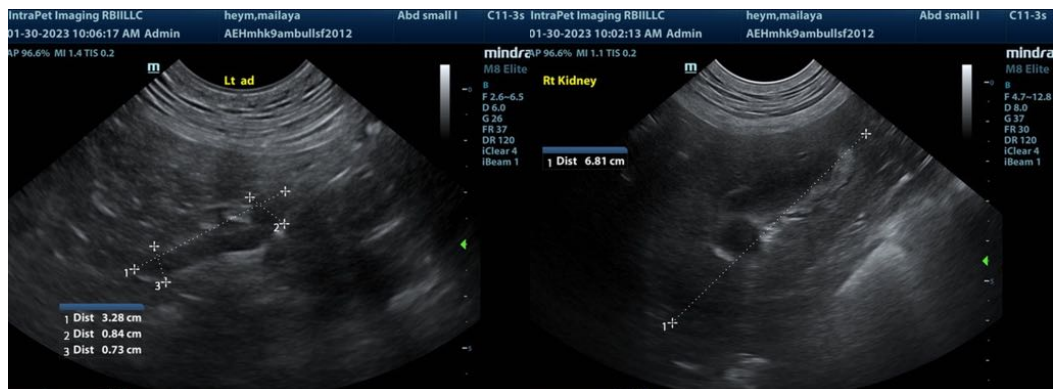
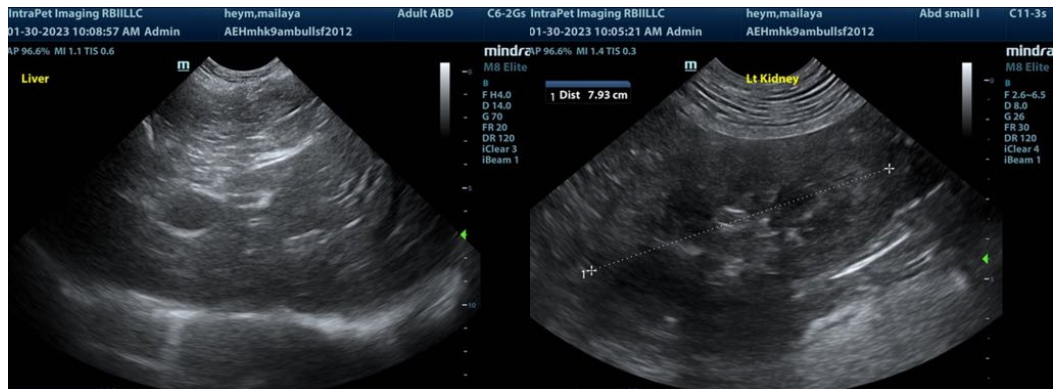
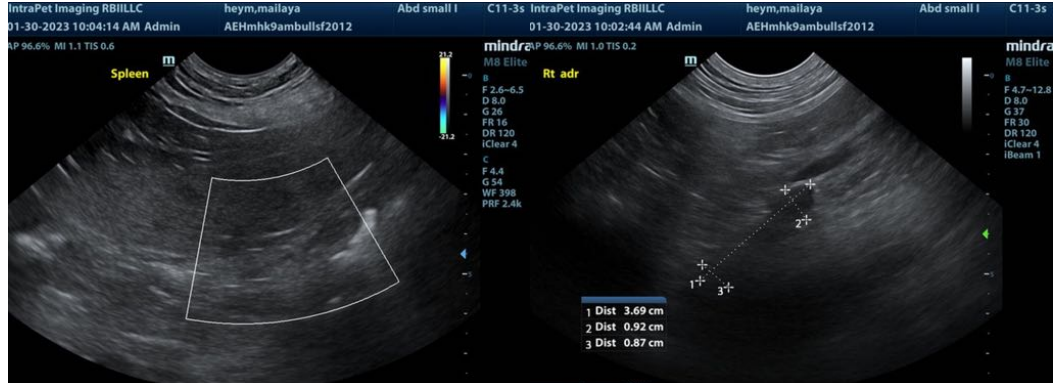
No evidence of thoracic pathology in the acoustic window.

Comet tail lung pattern.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The changes are expected for this age patient. There was no evidence of significant disease. Chest radiographs are recommended if not already performed.





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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