



PATIENT PRESENTING CLINICAL SIGNS

Wrinkles Thewes

SPECIES

Canine

BREED

Bullmastiff x

SEX

Neutered Male

AGE

9 Years 2 Months

WEIGHT

65 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Raul Casas

HOSPITAL NAME

State Ave Vet Clinic

REFERRING VET

Dr. Raul Casas

INVOICE

44113

DATE

7/19/23

Cold symptoms, runny nose and eyes Has gotten worse over the last 2 days, the eye discharge is more goopy Quick/shallow breaths Has not had a BM since yesterday morning, overnight did strain and had a small soft BM pass Refused to eat last night Lethargic 2 days ago O found some V+ Urinating normally Meds- Benadryl, MSM SID found a mouse on the place where they place the P's food bowl in in the basement horses were dewormed 6 wks ago Hx of a subcutaneous mast cell tumor removed from hind leg in Apr 2023 PE notes: Very lethargic; friendly; sl tacky, pink mm; CRT 2s; no mur/arrh; no abn lung sounds, fast and shallow breathing; no abd dist; pain on abd palp; injected sclera, bilateral ocular mucoid dc, ears, LNs WNL; ambulating normally; BCS-6-7/9; discussed options to O, pulled blood; T-102.8F Abd/thoracic US- anechoic fluid in thorax; heterogeneous mass L cranial abd; collected fluid (serosanguinous, sl cloudy); FNA mass Chest rads- L lung fields and cranial R lung fields seem obliterated by generalized opacity Chem-wnl

Abnormal PE/Chem/CBC/UA Results: LYM: 0.82 10⁹/l; MCHC: 30.7 g/dl; PLT: 520 10⁹/l

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 were 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 5.8 cm. The left kidney measured 6.5 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 0.50 cm. The right adrenal gland measured 0.80 cm at the cranial pole and 0.50 cm at the caudal pole.

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.

Liver

The **liver** presented a passive congestion pattern with dilated hepatic veins. The gallbladder was unremarkable.



PATIENT

Gastrointestinal

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There was some residual chyme and gas was noted in the **stomach**, yet not pathological. This is consistent with end post prandial presentation. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. 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.

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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

The right thorax revealed a hypoechoic 5.5 cm parenchymal mass, likely of lymph node origin. Pleural effusion noted around the mass. Areas of lung consolidation also noted.

ULTRASONOGRAPHIC FINDINGS

- Normal abdomen
- Thoracic mass and pleural fluid

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Full thoracic workup warranted with pleurocentesis, Ultrasound guided FNA of the mass performed without complication. Thymoma versus more likely thoracic neoplastic event/sarcoma or carcinoma.

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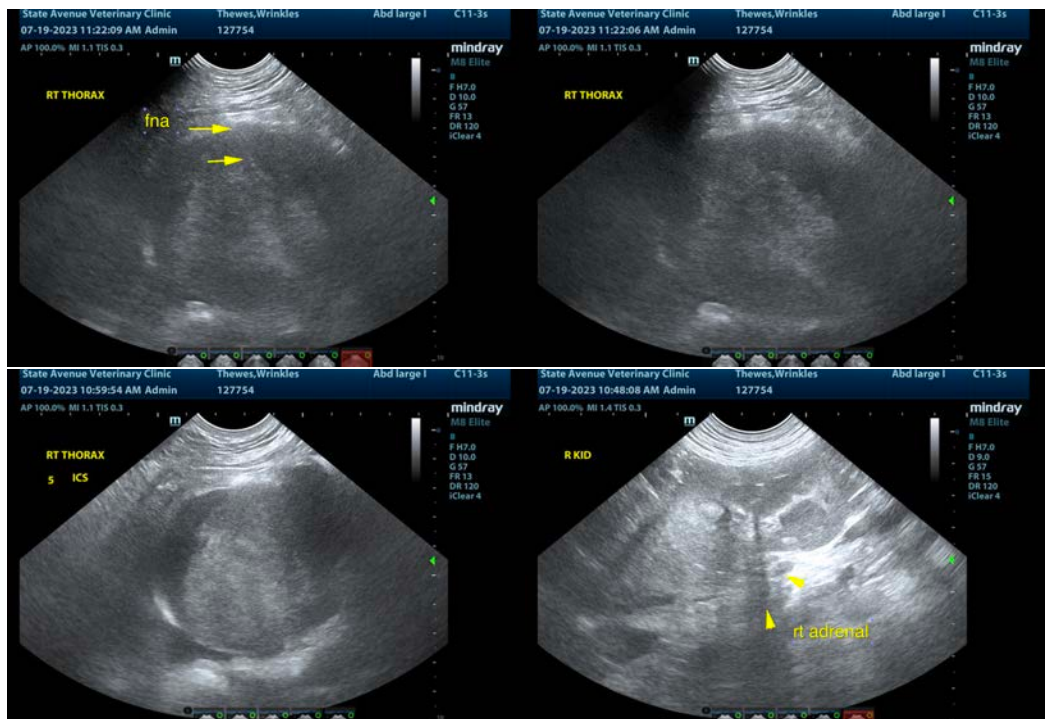
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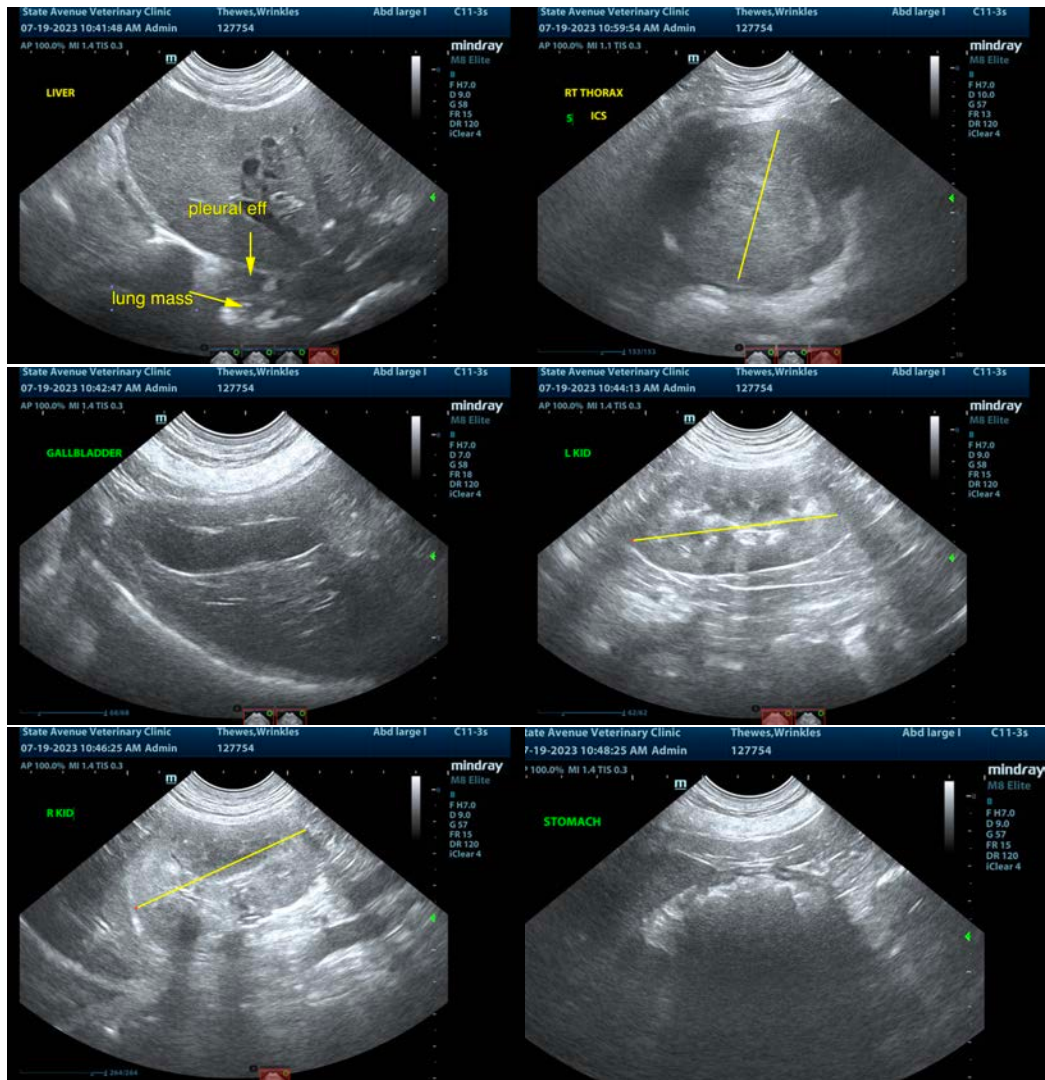
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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