

**DATE PRESENTING CLINICAL SIGNS**

6/28/23

P presents for decreased eating x8 days, p vomited food and phlegm 8 days ago and has not been eating much since, o tried different dog food and p usual homemade biscuits and p only ate small amount, a few days of not eating, o not sure if p is drinking normally, p has been panting more frequently, p does not typically eat things he isn't suppose to,

PATIENT

Thor Rice

SPECIES

Canine

BREED

German Shepherd

SEX

Neutered Male

AGE

6/26/15

WEIGHT

82.7 Pounds

INTERPRETED BYEric Lindquist, DMV
DABVP, Cert. IVUSS**HOSPITAL NAME**

Eldersburg Vet

REFERRING VET

Dr. Alper

INVOICE

43533

Current Medications: Gabapentin 300mg.

Lab Results: Mild anemia w/ markedly elevated lymphocytes, decreased plts. Low T4 however most likely due to euthyroid sickness vs true hypothyroidism.

Radiographs: No obvious mets or masses noted in thoracic cavity. Mass effect noted cranial abdomen--difficult to discern if secondary to spleen or liver. displacement of SI caudally due to mass effect. No obvious free fluid present in abdominal cavity

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

Imaging Performed By: Stephanie Warga RDCS, RVT.

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 8.04 cm. The left kidney measured 7.8 cm.

Adrenal Glands

The **right adrenal gland** was 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 3.0 cm x 0.86 cm at the cranial pole and 0.58 cm at the caudal pole.

The **left adrenal gland** was slightly irregular, measuring 2.72 cm x 0.93 cm at the cranial pole and 0.54 cm at the caudal pole.

Spleen

The **spleen** presented severe enlargement with scalloping contour and granular micronodular changes with an isoechoic mass measuring up to 5.0 cm.

Liver

The **liver** was mildly swollen with minor increased portal markings.

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.

Other

The cranial mediastinum revealed a coalescing hypoechoic lymph node mass, with a grouping of lymph nodes measuring up to 5.6 cm x 3.5 cm. The entire mass measured approximately 8.0 cm.

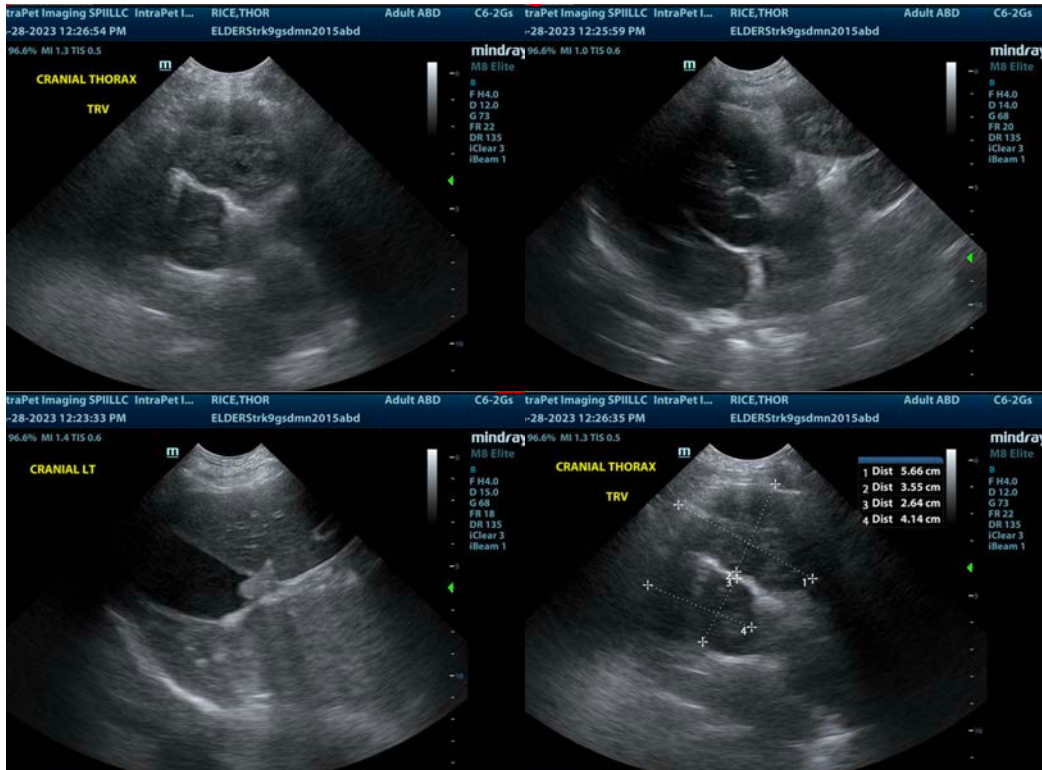
Rapid view of the heart revealed no evident pathology. However, the cranial mediastinal mass is impinging upon the right ventricle and right atrium.

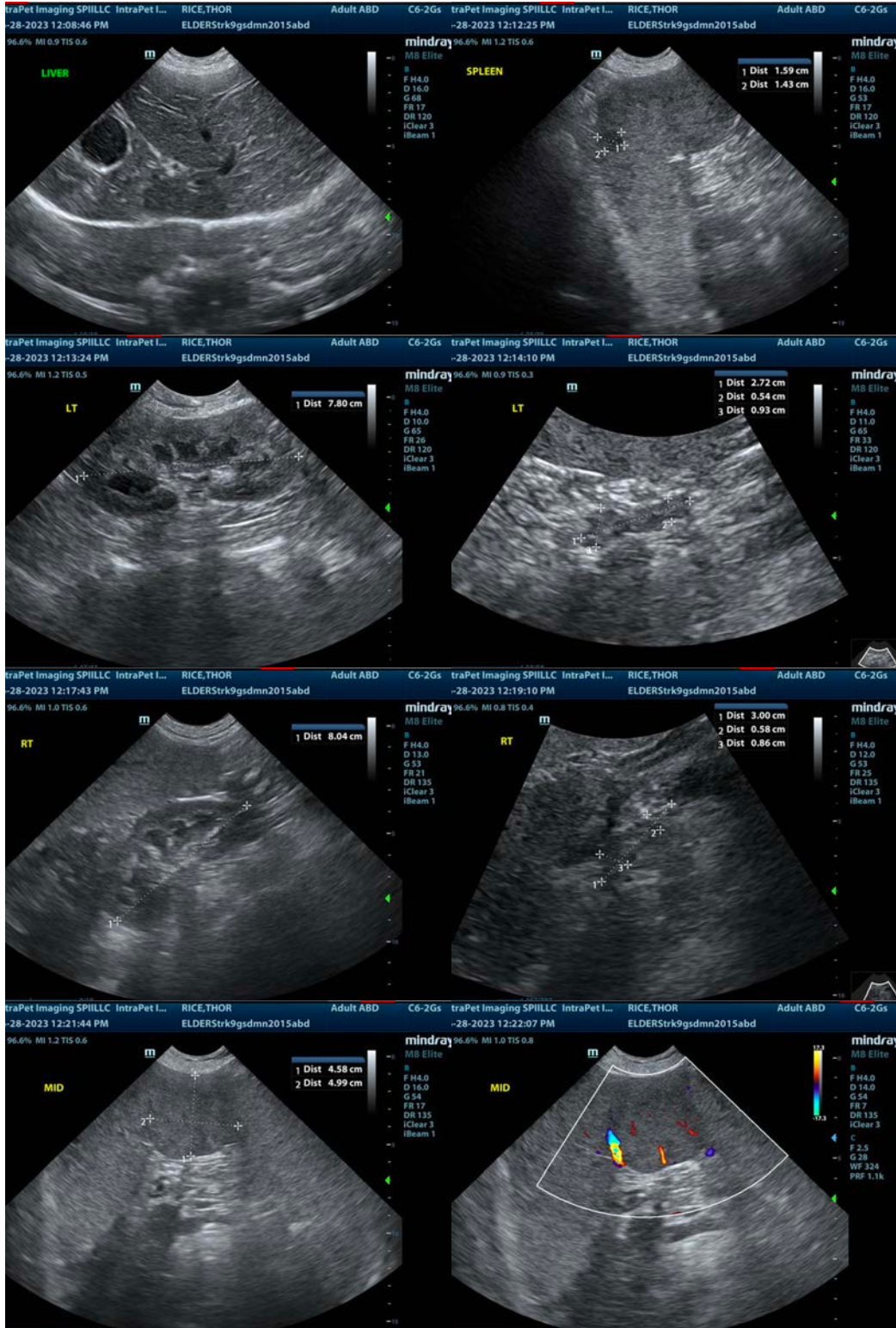
ULTRASONOGRAPHIC FINDINGS

- Multicentric round cell neoplastic pattern – lymphoma or similar involving the spleen, probable liver, and cranial mediastinum.
- Slight irregular left adrenal gland, likely normal variant

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the spleen, liver, and cranial mediastinum would be ideal in this patient with immediate chemotherapeutic intervention, matching with a CBC path review. Prognosis is poor long-term. However, some response to chemotherapy may occur.





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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