

**DATE**

4/29/22

PRESENTING CLINICAL SIGNS

Around 5 days ago: didn't want to eat her kibble in the AM - owner started adding wet food into her diet and she was eating more slowly which is not normal for her. Since has become more lethargic - not playing with toys or chewing on bones like normal 2 nights ago: was shaking, defecated a large amount on the house which appeared like a hard ball - seemed to improve a bit a first This am: didn't want to get off the bathroom floor, didn't want to go down the stairs. Known eater of things - has been eating grass recently - potential to have gotten a raw hide from house guests over the weekend

SPECIES

Current Medications: Gabapentin, Baytril, Clavamox, Omeprazole, Maropitant.

Canine

Date of Previous IntraPet Ultrasound: No previous.

BREED

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

Imaging Performed By: Rachel Brillhart, RDMS.

Boots Stafford

Border Collie Mix

SEX

Spayed Female

AGE

4/27/19

WEIGHT

58.9 lbs

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 left kidney measured 6.49 cm. The right kidney measured 6.4 cm.

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 left adrenal glands measured 2.91 cm x 0.58 cm at the caudal pole and 0.64 cm at the cranial pole. The right adrenal gland measured 2.43 cm x 0.81 cm at the caudal pole and 0.87 cm at the cranial pole.

HOSPITAL NAME

Animal Emergency
Hospital

Spleen

The **spleen** revealed a diffuse honeycomb micronodular reticular pattern with swollen irregular contour. Pericapsular inflammatory pattern was noted around the spleen.

REFERRING VET

Dr. Nacke-Horney

Liver

The **liver** revealed slight increased portal markings with uniform parenchyma. The gallbladder and common bile duct were unremarkable.

INVOICE

14967

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.

Free Abdomen

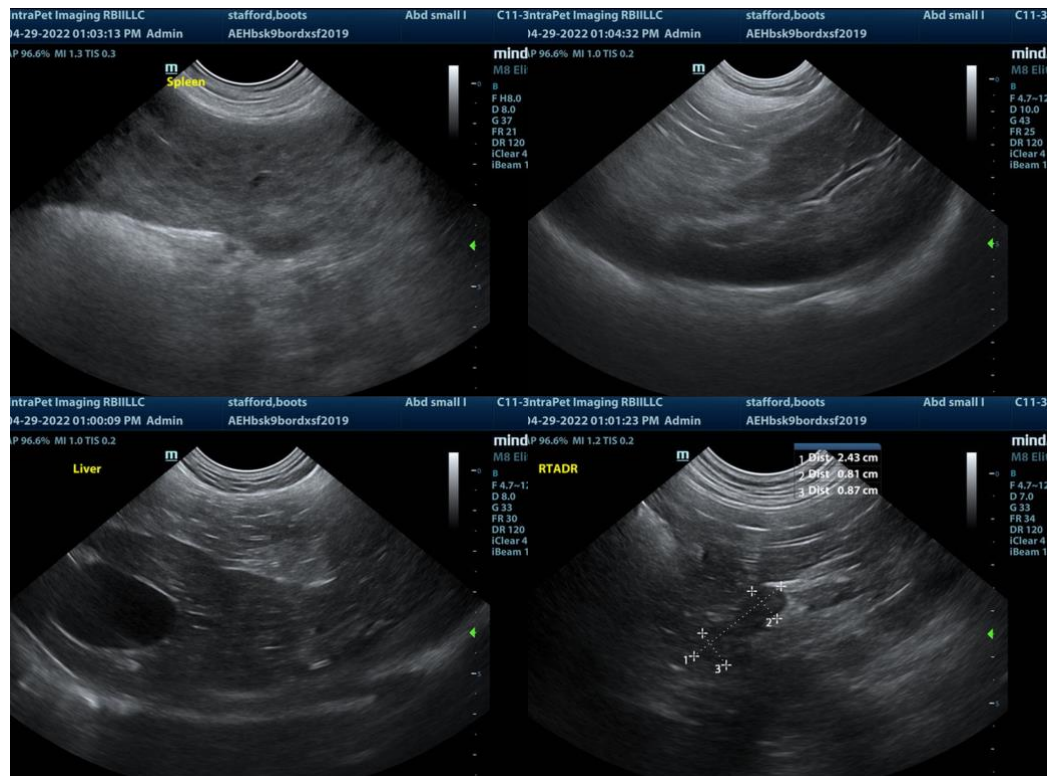
The mesenteric **lymph nodes** were enlarged, measuring 2.9 cm x 1.3 cm. Sublumbar lymph nodes were enlarged, measuring 3.85 cm x 1.51 cm. The lymph nodes were hypoechoic with swollen irregular contour.

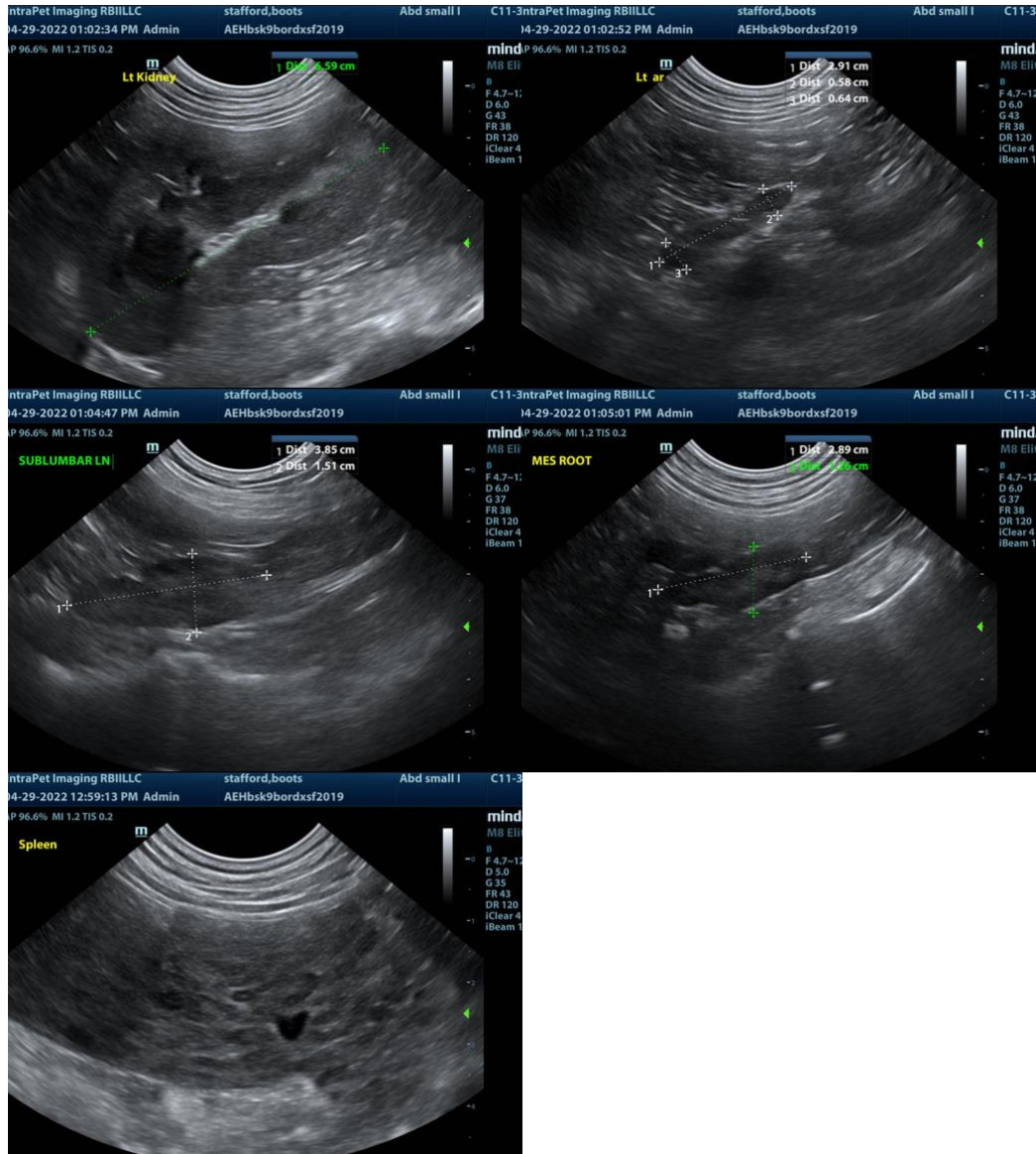
ULTRASONOGRAPHIC FINDINGS

- Sublumbar and mesenteric lymphadenopathy
- Infiltrative splenic pattern, strongly suggests for round cell neoplasia
- Structurally unremarkable liver, however, FNA recommended

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the lymph nodes, spleen and liver recommended for staging purposes. Strong concern for lymphoma, however, does not appear to be overtly involving any of the metabolically challenged organs such as the liver, GI and kidneys, therefore, strongly recommend sampling and immediate chemotherapeutic intervention presuming lymphoma or similar neoplasia is found on cytology. Chest radiographs with examination of cranial mediastinum recommended to assess for metastatic disease, 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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