

**DATE**

4/14/22

PRESENTING CLINICAL SIGNS

4/12/22- exam for increased lethargy and decreased appetite with organometallic palpable cranial abdomen and mild yellow mm's.

Current Medications: Entyce 2mL SID.

PATIENT

Boh Borunda

Lab Results: Increased liver enzymes and severe lymphocytosis.

Radiographs: Hepatomegaly.

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

Imaging Performed By: Rachel Brilhart, RDMS.

SPECIES

Canine

BREED

Queensland Blue
Heeler

SEX

Neutered male

AGE

2/26/17

WEIGHT

44.4 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

HOSPITAL NAME

Alexander AH

REFERRING VET

Dr. Alexander

INVOICE

99315

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 largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 6.7 cm. The right kidney measured 6.71 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 2.58 x 0.75 cm at the caudal pole and 0.63 cm at the cranial pole. The right adrenal gland measured 3.29 x 0.76 cm at the cranial pole and 0.63 cm at the caudal pole.

Spleen

The **spleen** revealed slight scalloping contour.

Liver

The **liver** was severely enlarged with increased portal markings and trace amounts of free fluid. The hepatic lymph nodes are enlarged and measured 2.7 x 2.06 cm. The lymph nodes are hypoechoic and irregular. The gallbladder was double layered, edematous and deviated ventrally owing to internal mass effects. The cystic and common bile ducts were normal.

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 pancreas is heterogenous with hypoechoic, superimposing hepatic lymph nodes.

Free Abdomen

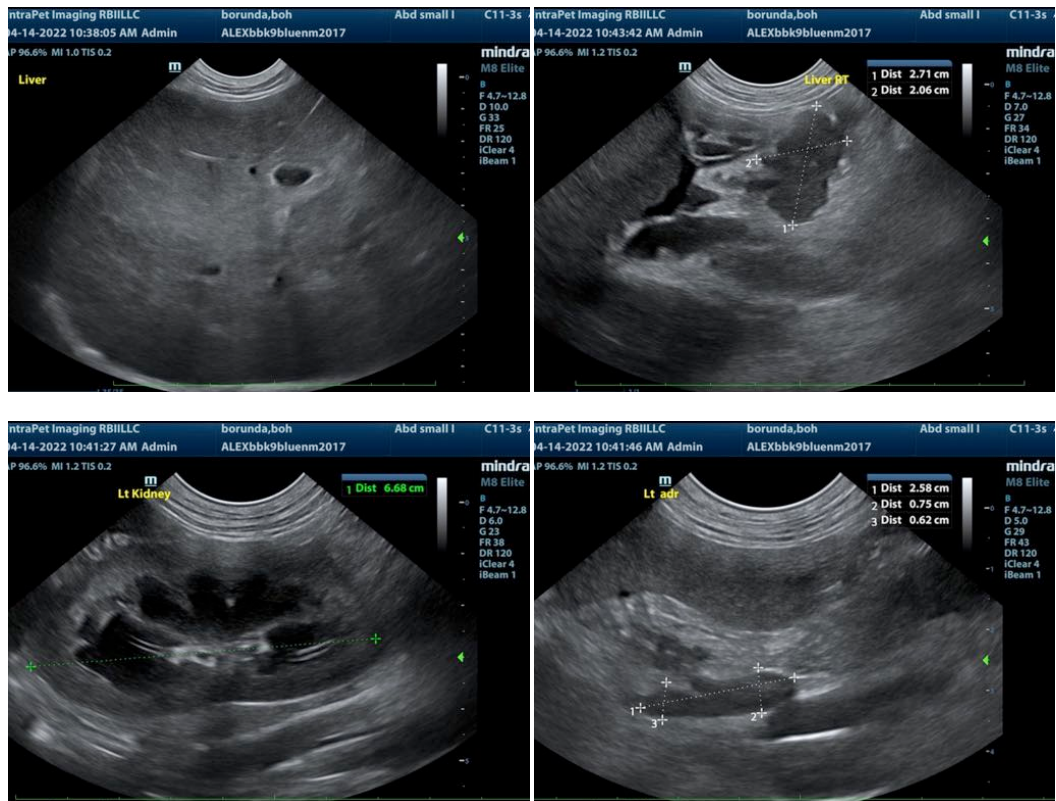
Free fluid was noted in the abdomen.

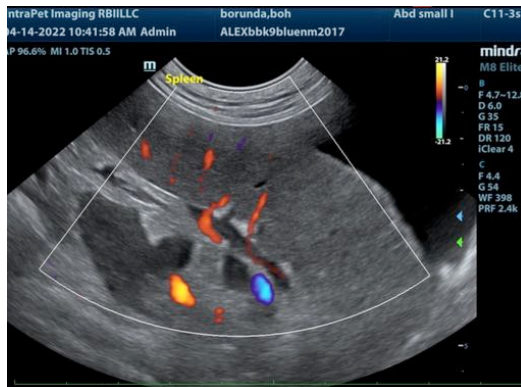
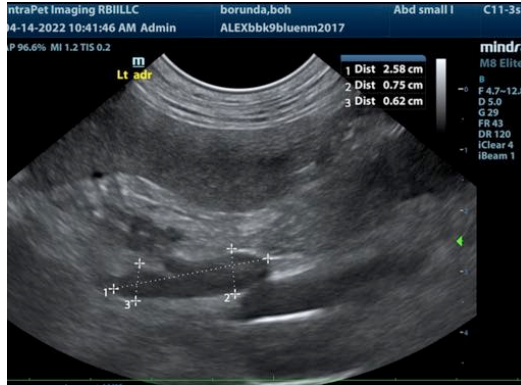
ULTRASONOGRAPHIC FINDINGS

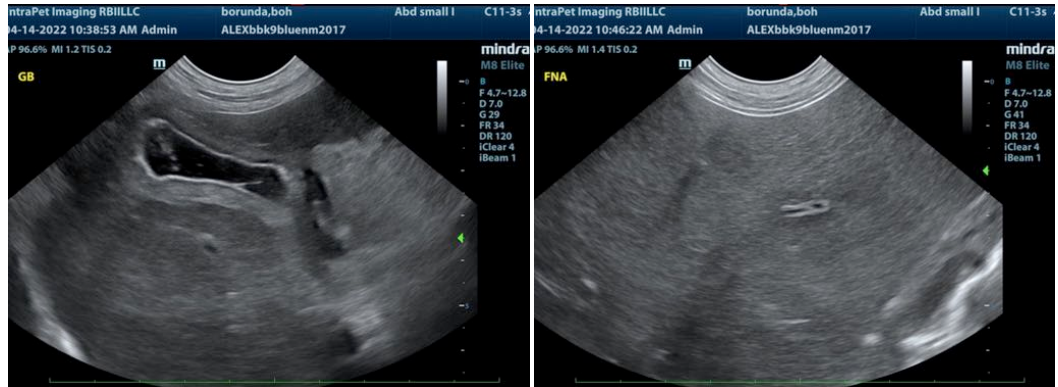
Diffuse hepatic infiltrative pattern with regional lymphadenopathy, probable splenic involvement. Free fluid from lymphatic obstruction and/or portal hypertension.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Round cell neoplasia is suspected given the patient's history and sonographic presentation. The prognosis is poor.







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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