



PATIENT

Brody Gillikin

SPECIES

Canine

BREED

Border Collie

SEX

Neutered male

AGE

14 years

WEIGHT

41.3 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Evanna

HOSPITAL NAME

Animal Care Center of
Flanders

REFERRING VET

Dr. Hallihan

INVOICE

99426

DATE

4/20/22

PRESENTING CLINICAL SIGNS

Worsening anemia, concerns for neoplasia
Abnormal PE/Chem/CBC/UA Results: HCT decreased 18% was 23 on 4/6 and 28 on 3/24 retic 7% was 1.84 (3/24) neutrophils increased 15,488, Albumin decreased 2.6% anaplasma positive

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 left kidney measured 6.3 cm. The right kidney measured 6.0 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 0.5 cm.

Spleen

The **spleen** revealed subtle, micronodular changes with minor enlargement and moderately irregular.

Liver

Severe hepatomegaly was noted. The liver was hypoechoic and mildly irregular. The gallbladder was deviated ventral caudally owing to internal mass effect.

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.



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Pancreas

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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.

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Heart

BREED

Rapid view of the chest revealed pleural effusion.

Border Collie

ULTRASONOGRAPHIC FINDINGS

SEX

Infiltrative splenic and hepatic patterns.

Neutered male

Pleural effusion.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA is indicated to confirm the suspicion of round cell neoplasia. Splenitis and reactive liver is possible, yet less likely. Pleurocentesis and cytospin is recommended to assess for exfoliating neoplasia.

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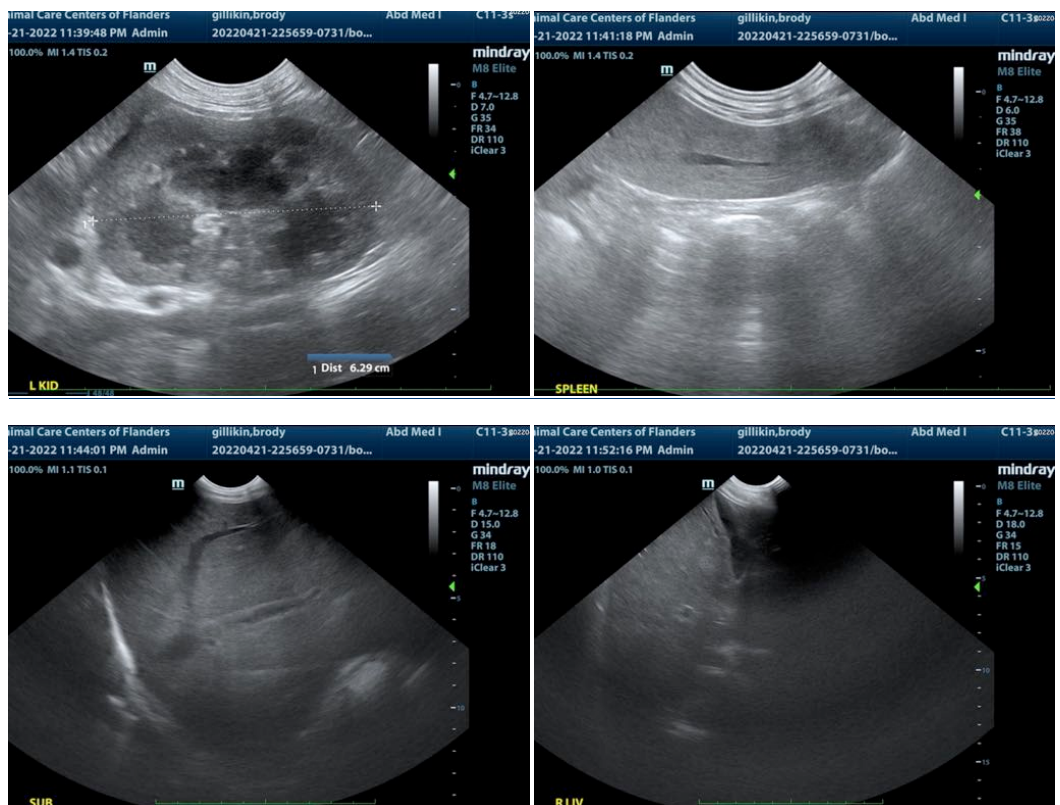
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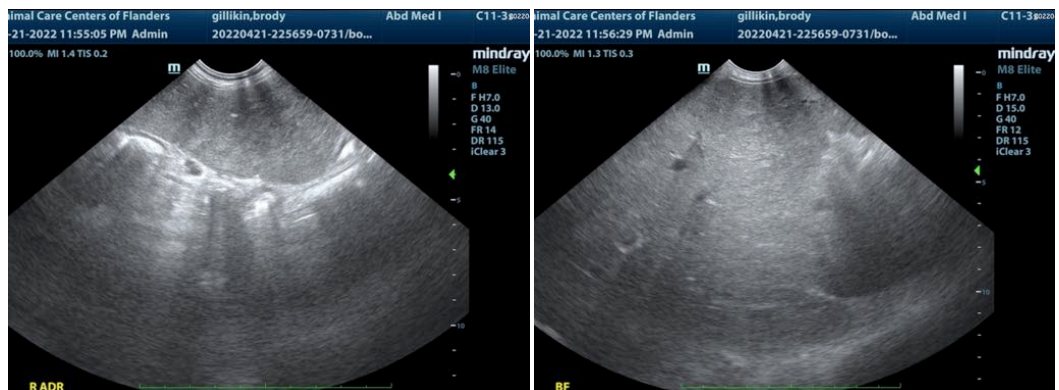
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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