


**PATIENT**

CeCe Nelson

**PRESENTING CLINICAL SIGNS**

History: Lethargy, distended abdomen, decreased HCT, Rbc, PLT, elevated ALT. Confirmed hemoabdomen. Ground glass appearance on rads. No current meds.  
 Abnormal PE/Chem/CBC/UA Results: RBC 3.23, HCT 21.4, HGB 7.5, RDW 11.4, NEU 12.27, MONO 1.37, PLT 43, ALT 381, ALKP 499, GGT 13, CL 108

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**
**BREED**
**Urinary System**

Labrador Retriever

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.

**SEX**

Spayed Female

**AGE**

7 years

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 7.07 cm. The left kidney measured 6.22 cm with a slight cortical infarct at the dorsal caudal cortex of the left kidney.

**WEIGHT**

71 lbs

**Adrenal Glands**
**INTERPRETED BY**

 Eric Lindquist, DMV  
 DABVP, Cert. IVUSS

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 right adrenal gland measured 2.79 x 1.25 cm at the cranial pole and 0.84 cm at the caudal pole. The left adrenal gland measured 2.0 x 0.63 cm at the cranial pole and 0.55 cm at the caudal pole.

**IMAGING PERFORMED BY**

Shari Reffi, CVT

**Spleen**
**HOSPITAL NAME**

 Animal General  
 Augusta

The **spleen** revealed slight, heterogenous parenchymal changes with irregular contour.

**REFERRING VET**

Dr. Pileci

**Liver**

The **liver** revealed multiple, mixed echogenic and disruptive masses with nodular changes. The liver masses were diffuse, non-resectable and significantly disruptive. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident.

**INVOICE**

98006

**Gastrointestinal**
**DATE**

4/4/22

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



**PATIENT**

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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**SPECIES**

**Pancreas**

Canine

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.

**BREED**

Labrador Retriever

**Free Abdomen**

**SEX**

A large amount of echogenic free fluid was noted.

Spayed Female

**Heart**

**AGE**

Rapid view of the heart revealed no evidence of pathology.

7 years

**WEIGHT**

**ULTRASONOGRAPHIC FINDINGS**

71 lbs

Diffuse hepatic neoplasia with paraneoplastic effusion or hemorrhage.

**INTERPRETED BY**

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

The prognosis is poor. Differentials include sarcoma versus carcinoma with possible splenic involvement. FNA could be considered for further definition; however, the prognosis is poor.

**IMAGING PERFORMED BY**

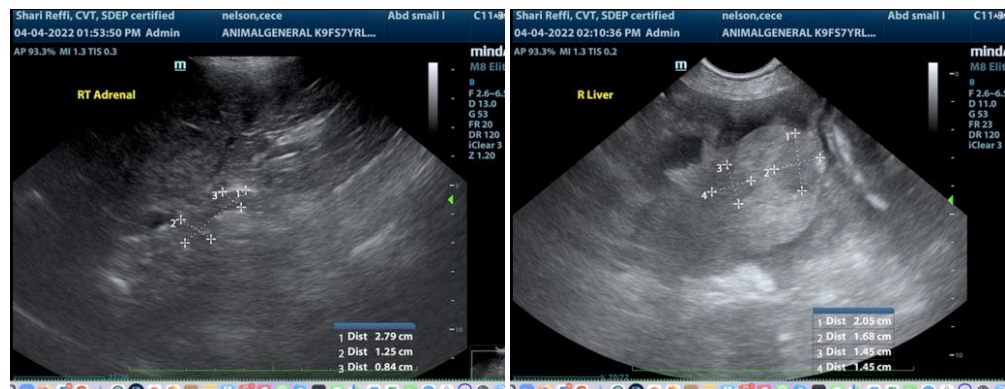
Shari Reffi, CVT

**HOSPITAL NAME**

Animal General  
Augusta

**REFERRING VET**

Dr. Pileci



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**DATE**

4/4/22



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**SPECIES**

Canine

**BREED**

Labrador Retriever

**SEX**

Spayed Female

**AGE**

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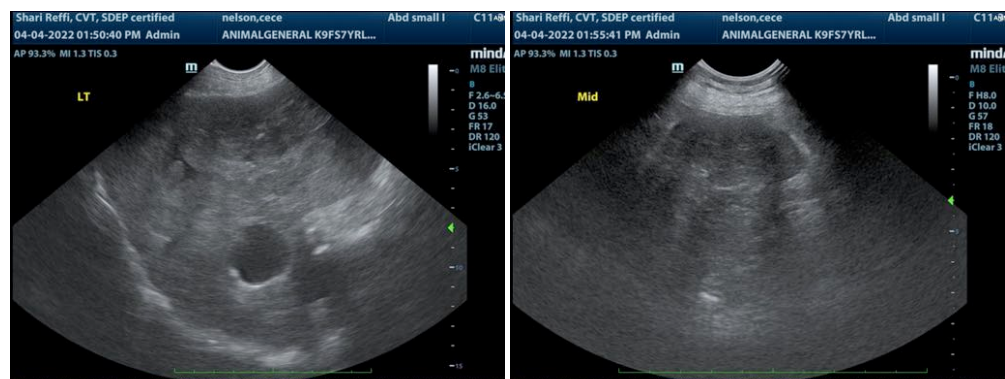
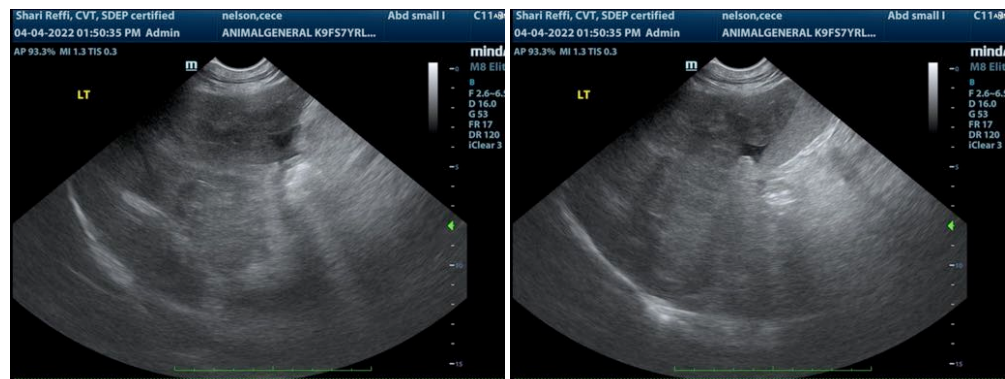
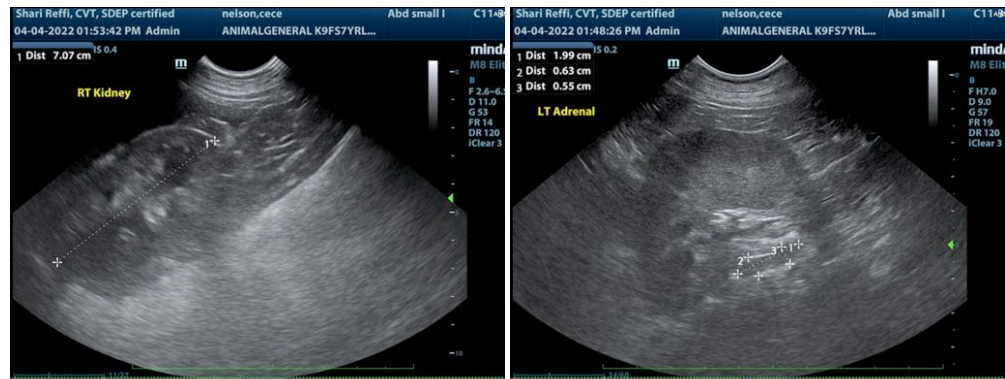
Dr. Pileci

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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.

**SPECIES**

Canine

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.

**BREED**

Labrador Retriever

**Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com**  
Info@SonoPath.com

**SEX**

Spayed Female

**AGE**

7 years

**WEIGHT**

71 lbs

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