



PATIENT

Luna Kramer

PRESENTING CLINICAL SIGNS

History: Last night Luna became lethargic and weak, and her eyes looked glossy. She has been fine up until then.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: PE: Pale pink gums, uncomfortable cranial abdomen, weak femoral pulses, Remainder is normal. CBC: Anemia of chronic disease: RBC 4.89 M/uL, HCT 34%, Hg 11.3 g/dL Eos 0.06 K/uL, PLT 142 K/uL (clumped on smear though). Chem: K barely low at 3.4 mmol/L

BREED

Golden Retriever

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX

Spayed Female

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. A minor amount of suspended debris was noted in the bladder. Ureteral papillae were normal.

AGE

10 Years 3 Months

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some mild 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 his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 5.58 cm. The right kidney measured 6.17 cm.

WEIGHT

51.4 Pounds

Adrenal Glands

The **left 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 left adrenal gland measured 2.29 cm x 0.61 cm at the cranial pole and 0.63 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

The region of the **right adrenal gland** was unremarkable.

IMAGING PERFORMED BY

Carissa Rhoades

Spleen

A hypoechoic nodule was noted in the mid caudal **splenic** body, measuring approximately 2.0 cm. Enhanced surrounding mesentery was noted.

HOSPITAL NAME

Elizabeth AH

Liver

The **liver** was slightly coarse in architecture. The gallbladder and common bile duct were unremarkable. No evidence of passive congestion.

REFERRING VET

Leon Anderson, DVM

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.

INVOICE

16804

Pancreas

DATE

8/10/22



PATIENT

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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.

SPECIES

Canine

Free Abdomen

A large amount of **free fluid** was noted.

Other

A rapid view of the **heart** revealed no evident pathology.

BREED

Golden Retriever

ULTRASONOGRAPHIC FINDINGS

SEX

Spayed Female

- Splenic nodule
- Nonspecific ascites
- Slight coarse hepatic architecture
- Age-related renal changes
- Urinary bladder debris

AGE

10 Years 3 Months

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

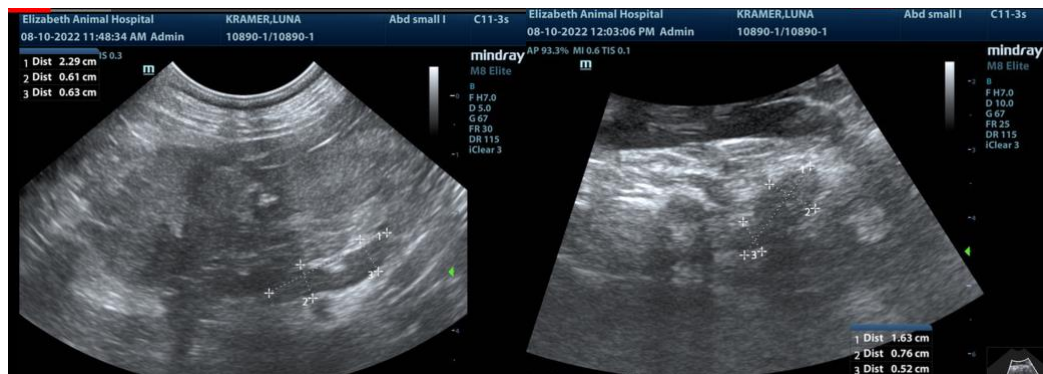
Strong concern for lymphomatosis, mastocytosis or similar. FNA of the splenic nodule and abdominocentesis recommended with immediate cytospin of free fluid. Peritonitis is possible yet no evidence of perforation noted.

WEIGHT

51.4 Pounds

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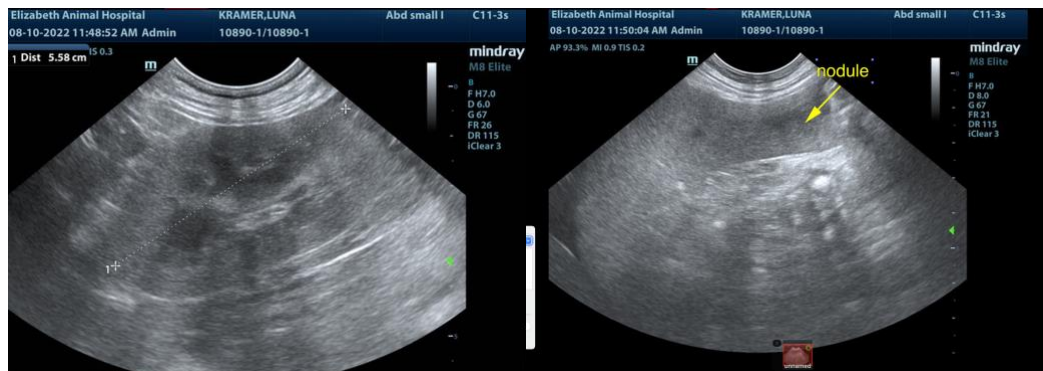


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Spayed Female

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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.

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