



**PATIENT**

Gunner Redl

**SPECIES**

Canine

**BREED**

Labrador Retriever Mix

**SEX**

Neutered male

**AGE**

9 years

**WEIGHT**

57 lbs

**INTERPRETED BY**

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

**IMAGING  
PERFORMED BY**

Kelly Vazquez, CVT

**HOSPITAL NAME**

Ramapo Valley AH

**REFERRING VET**

Dr. Katara

**INVOICE**

97913

**DATE**

3/29/22

**PRESENTING CLINICAL SIGNS**

History: Significant weight loss and severely decreased appetite.

Abnormal PE/Chem/CBC/UA Results: Alk. Phos 155, BUN 34, creat. 2.3, calcium 15.4, corrected calcium 15.6.

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The **urinary bladder** revealed a 0.7 cm calculus and polypoid bladder wall changes. The changes are primarily apical. This is consistent with chronic cystitis.

The residual prostate measured 1.0 cm.

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 right kidney measured 5.07 cm. The left kidney measured 5.25 cm.

**Adrenal Glands**

The left **adrenal gland** was uniform and measured 1.37 x 0.43 cm at the caudal pole and 0.31 cm at the cranial pole. The region of the right adrenal gland was unremarkable.

**Spleen**

The **spleen** revealed multi-focal, hypoechoic target lesions with disruption of architecture.

**Liver**

The **liver** was swollen, heterogenous and irregular. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. A cranial abdominal hepatic lymph node was rounded, hypoechoic and measured 1.57 x 1.3 cm.

**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**

Gunner Redl

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

**Heart**

**BREED**

Rapid view of the heart revealed no evidence of pathology.

Labrador Retriever Mix

**ULTRASONOGRAPHIC FINDINGS**

**SEX**

Splenic and multi-focal lymph node based round cell neoplasia pattern. Probable hepatic involvement.

Neutered male

Bladder calculus and chronic cystitis pattern.

**AGE**

9 years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**WEIGHT**

57 lbs

Chest radiographs are warranted if not already performed with focus on cranial mediastinum to assess for lymphadenopathy associated with hypercalcemia. FNA of the spleen and liver is indicated for a definitive diagnosis and accessible lymph nodes.

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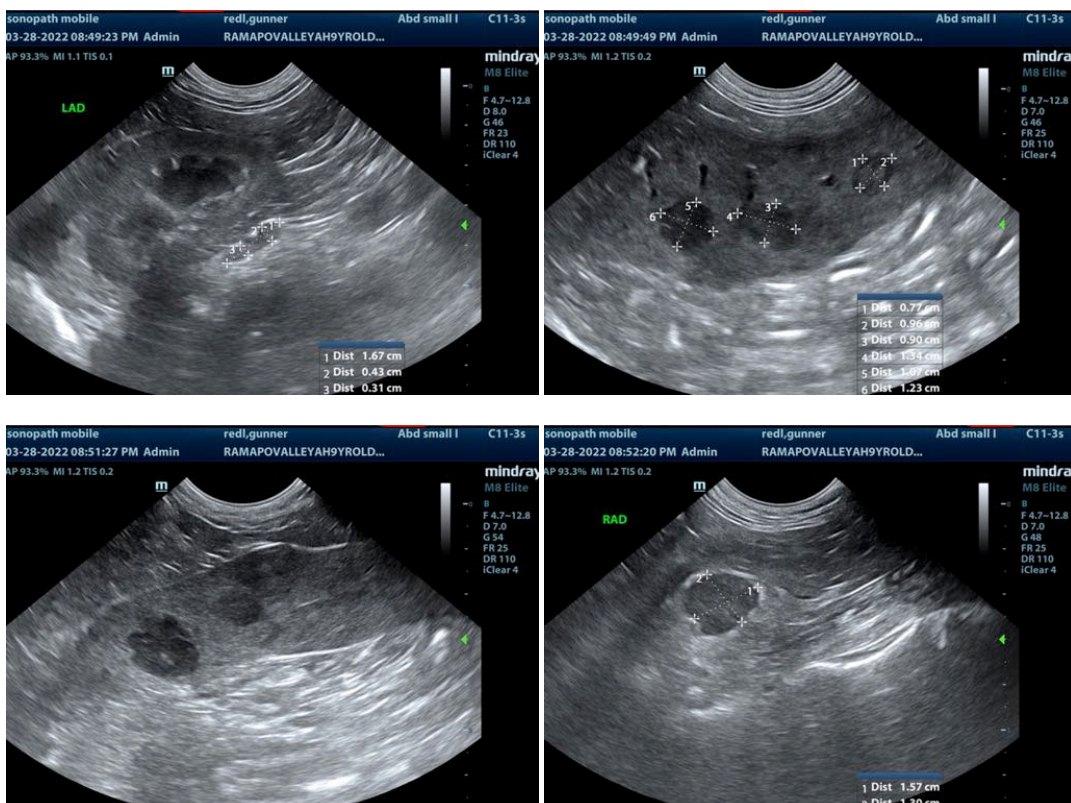
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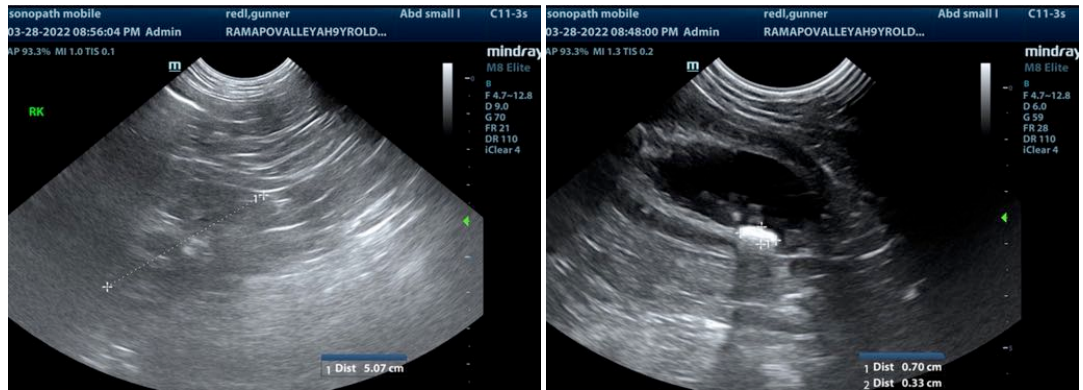
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

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