



PATIENT PRESENTING CLINICAL SIGNS

Layla Quinones Recheck ultrasound from 1/16

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine **Urinary System**

BREED 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.

Boxer

SEX

Spayed Female 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 4.95 cm.

AGE

13 years

Adrenal Glands

WEIGHT

44 lbs

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 2.46 x 1.04 cm at the cranial pole and 0.89 cm at the caudal pole. The left adrenal gland measured 2.81 x 0.67 cm at the caudal pole and 0.56 cm at the cranial pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

IMAGING PERFORMED BY

Jenn

The **spleen** revealed subtle micronodular changes and irregular contour.

HOSPITAL NAME

Rockaway AH

Liver

The **liver** revealed multi-focal, nodular changes and increased portal markings. The gallbladder and common bile duct were unremarkable.

REFERRING VET

Dr. Maniar

Gastrointestinal

The **gastric** wall is persistently thickened with loss of mural detail. The gastric wall measured up to 2.0 cm with enhanced surrounding mesentery. The pylorus was also concentrically thickened.

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Pancreas

DATE

1/20/22

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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SPECIES

Canine

BREED

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Spayed Female

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ULTRASONOGRAPHIC FINDINGS

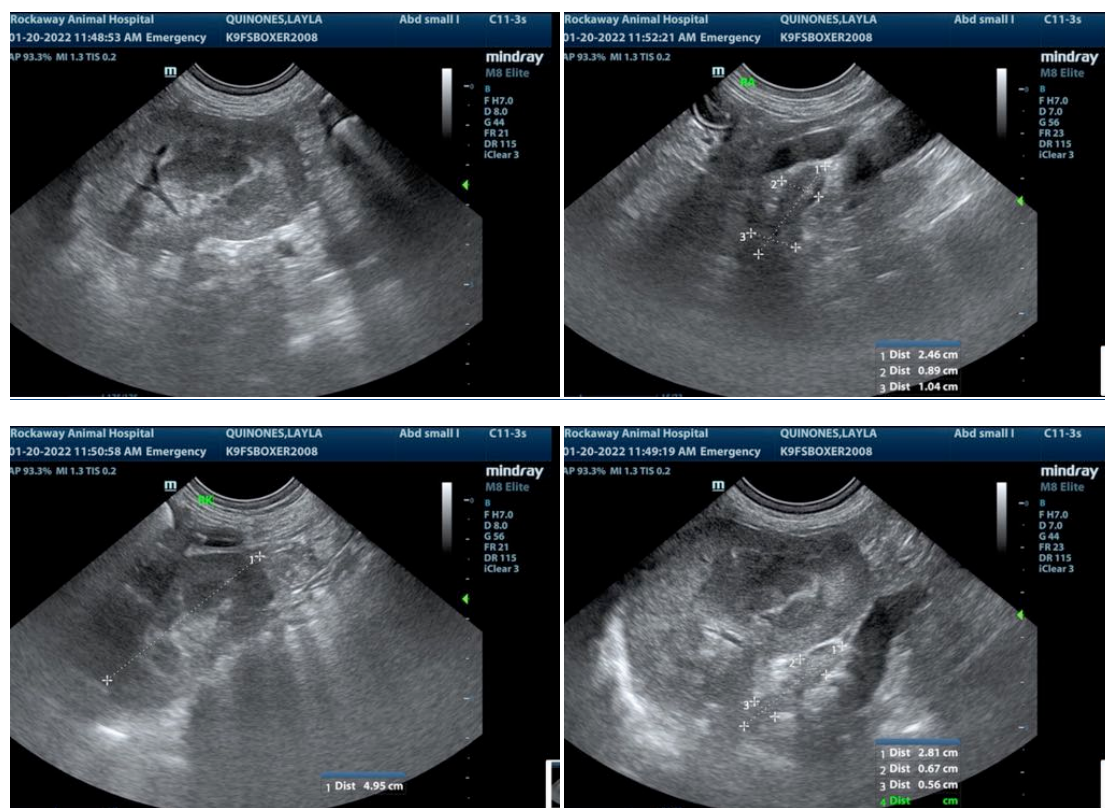
Diffuse hepatic remodeling.

Micronodular spleen.

Persistent gastric thickening with reactive mesentery.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I strongly recommend endoscopic guided biopsies in this patient. There was no evidence of foreign body. Severe gastritis is still possible, however, neoplastic criteria is present in the stomach. Ultrasound-guided FNA of the spleen and liver would be indicated. I do not believe that FNA of the gastric wall would be adequately exfoliated to arrive at a definitive diagnosis from a cytological standpoint. Full thickness or endoscopy guided biopsies would be appropriate.





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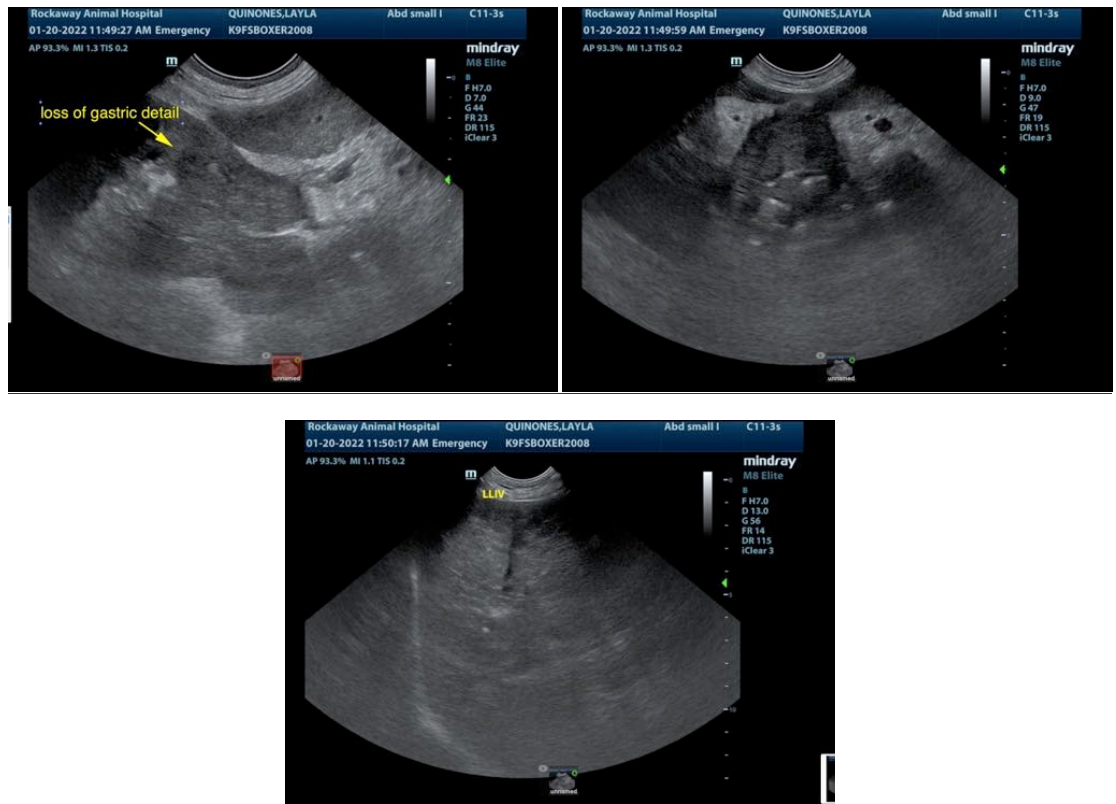
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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