



PATIENT

Sugar Jimenez

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed female

AGE

10 years

WEIGHT

10 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH

REFERRING VET

Dr. Gannon

INVOICE

40184

DATE

10/20/22

PRESENTING CLINICAL SIGNS

History: Right adrenalectomy with incomplete excision at Blue Pearl 4/22 mixed mammary tumor dx 2 years ago Bilateral mammary masses whole chain Met check

Abnormal PE/Chem/CBC/UA Results: Chem WNL CBC normal T4 1.7

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 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 his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 4.01 cm with corticomedullary mineralization. The left kidney measured 3.87 cm.

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 was normal in size and contour measuring 1.44 x 0.71 cm at the caudal pole and 0.68 cm at the cranial pole. The region of the right adrenal gland revealed hypoechoic, irregular tissue measuring 1.76 x 0.86 cm in the region of the right adrenal fossa. This may be residual tissue from a right adrenal gland or extending tissue from the right liver. This could not be completely defined. The patient was painful in this area.

Spleen

The **spleen** revealed a hypoechoic nodule in the mid cranial body that measured 0.6 cm. This was somewhat disruptive.

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.



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Gastrointestinal

Sugar Jimenez

There was some residual chyme and gas was noted in the **stomach**, yet not pathological. This is consistent with end post prandial presentation. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. 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

Chihuahua

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.

SEX

Spayed female

ULTRASONOGRAPHIC FINDINGS

AGE

10 years

hypoechoic, irregular tissue in the region of the right adrenal fossa.

Hypoechoic splenic nodule.

WEIGHT

10 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of visceral pathology responsible for pain. Referred back pain should be considered. FNA of the splenic nodule is warranted. Ideally CT of the abdomen would be warranted to assess the right adrenal region.

INTERPRETED BY

Eric Lindquist, DMV
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ABOUT SONOPATH CT SERVICES:

IMAGING PERFORMED BY

Jenn

SonoPath CT Services are offered at the SonoPath Imaging and Veterinary Education Center, 141 Main St (rt 206), Andover, New Jersey, a 20-minute drive west on route 80/206 North from the route 80/287 interchange/Parsippany, New Jersey. More information can be found at <https://sonopath.com/services/sonopath-ct-services>

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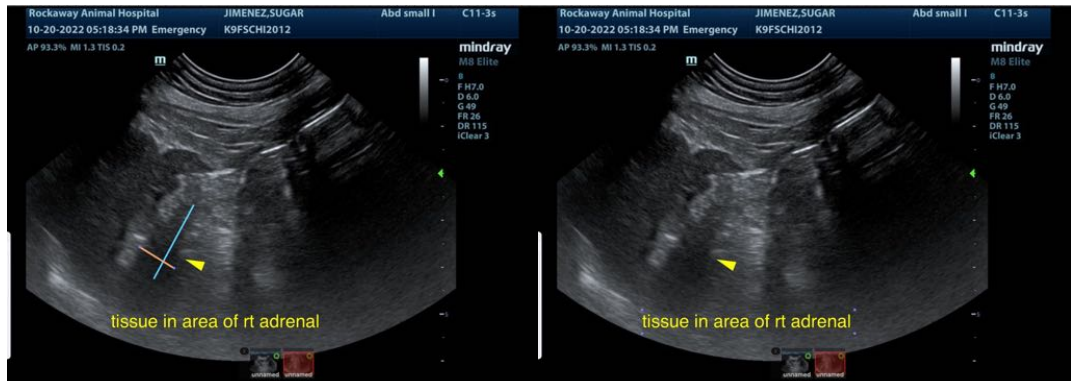
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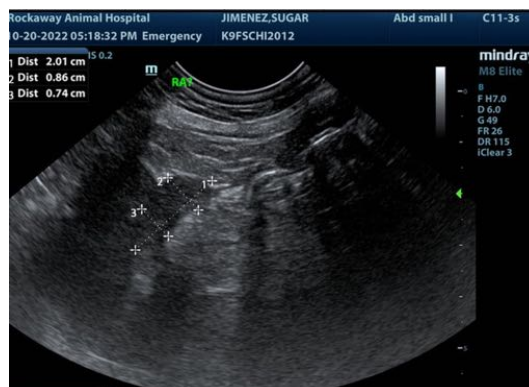
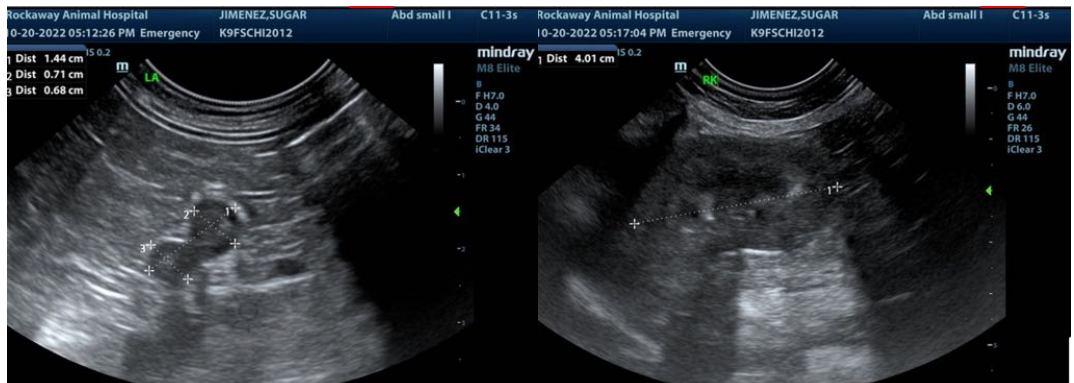
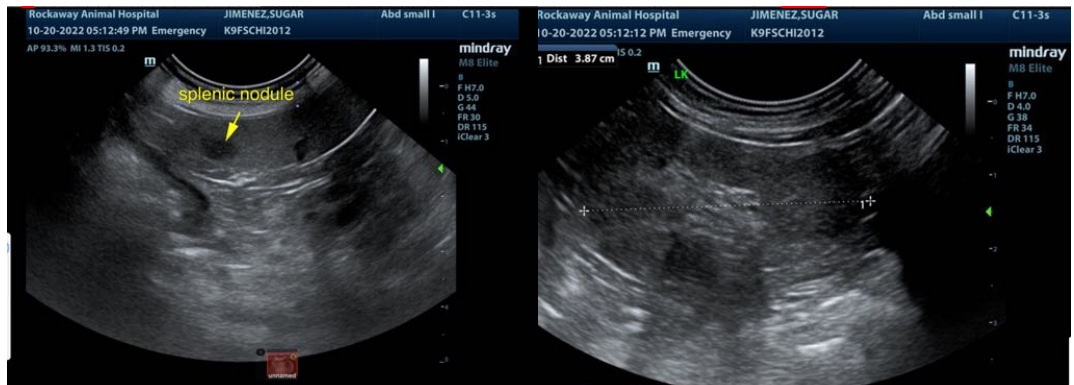
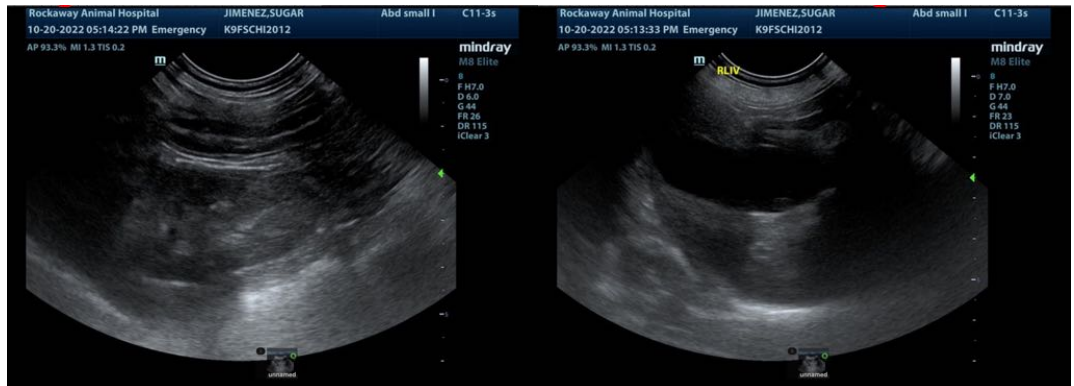
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
info@SonoPath.com