



PATIENT

Rosie Cavanaugh

PRESENTING CLINICAL SIGNS

History: Possible seizure episode / collapse on 5/8/22, possible foreign body
 Abnormal PE/Chem/CBC/UA Results: ALT 205, TBili 0.6

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Mix

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

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 6.95 cm. The left kidney measured 6.45 cm.

AGE

2 years

WEIGHT

58.6 lbs

Adrenal Glands

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 left adrenal gland measured 2.18 x 0.66 cm at the caudal pole and 0.51 cm at the cranial pole. The right adrenal gland measured 3.02 x 0.48 cm at the caudal pole and 0.76 cm at the cranial pole.

INTERPRETED BY

Eric Lindquist, DMV
 DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jessica Miller, RDMS

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

HOSPITAL NAME

Animal Hospital of
 Roxbury

REFERRING VET

Dr. Elia

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. The portal vein to vena cava ratio was 1:1. There is no evidence of extrahepatic or intrahepatic shunting. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

INVOICE

30273

DATE

5/11/22



PATIENT *Gastrointestinal*

Rosie Cavanaugh Minor shadowing **gastric** material was noted and measured approximately 1.0 cm such as wood chips or similar material, yet not obstructive at the time of the sonogram. A separate linear structure was noted and measured 1.5 cm. The pylorus was patent. 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.

SPECIES

Canine

BREED *Pancreas*

Mix 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 Minor retention of ingesta and 1.0 cm shadowing foreign matter and 1.5 cm linear structure.

2 years. Otherwise, unremarkable abdomen.

WEIGHT

58.6 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I recommend reassessment of the bilirubin value to ensure that this is not artifactual. Structurally the liver appears normal. FNA of the liver can be considered to assess the inflammatory cell type given the ALT elevations. Gastrotomy could be justified if the seizure activity is under control. Otherwise, endoscopy would be a valid intervention.

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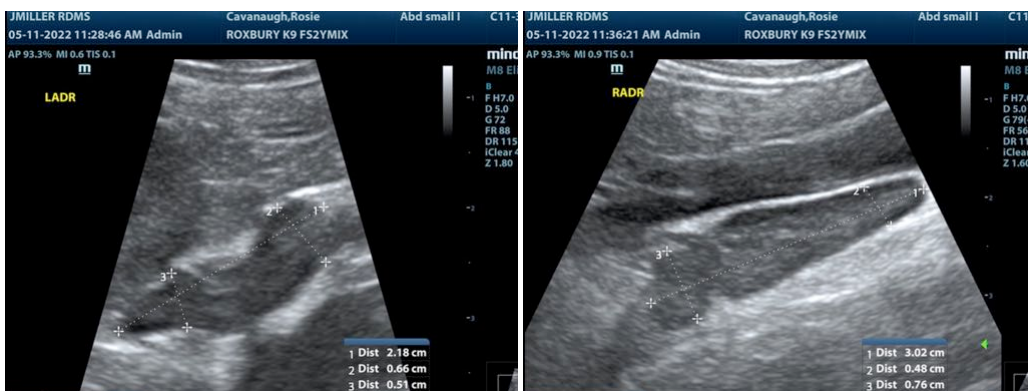
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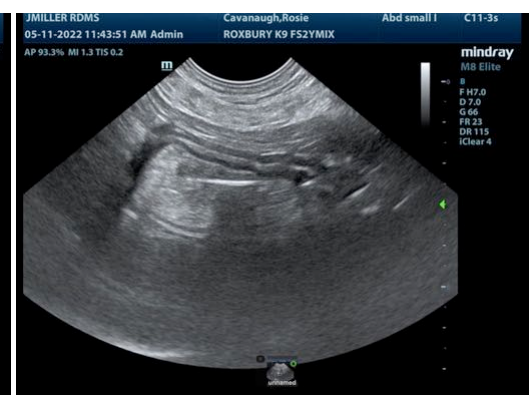
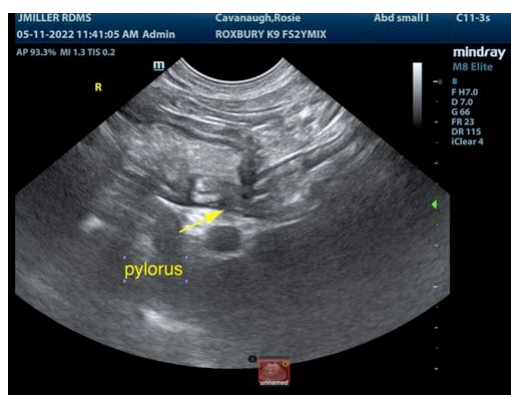
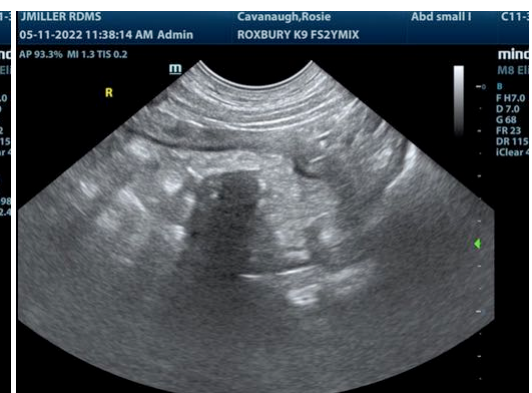
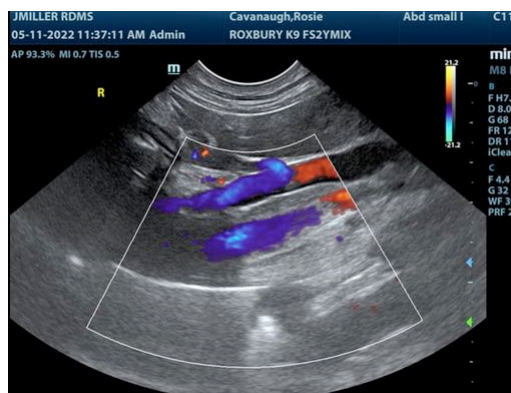
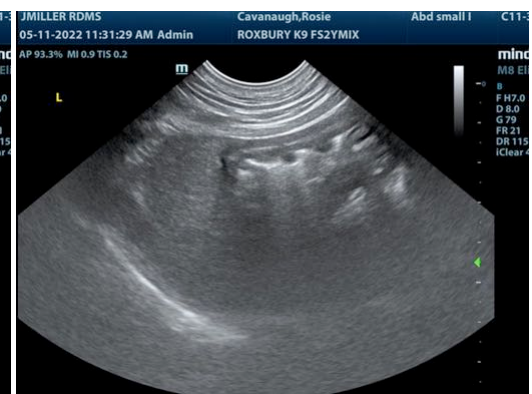
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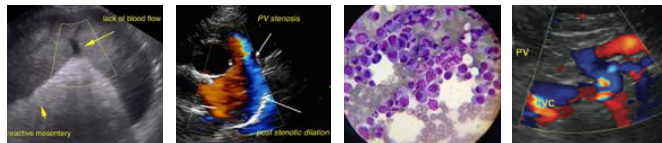
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

Mix

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

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Spayed Female

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WEIGHT

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