



PATIENT PRESENTING CLINICAL SIGNS

Sampson Vassallo History: vomiting food/bile

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED

American Staffordshire Terrier

The **urinary bladder** presented a relatively uniform thickening of the cranioventral and craniodorsal mucosae with micropolypoid mucosal changes without involvement of the submucosae. The urine presented some echogenicity consistent with suspended debris. No evidence of urethral pathology was present. This presentation is most consistent with chronic cystitis. Technically transitional cell carcinoma cannot be ruled out without histopathological review but is not overtly suspected based on this pattern. Cystocentesis and urine culture +/- pathological review of urine cytology would be warranted. No overt calculi were present at this time.

SEX

Neutered male

The residual prostate measured 1.6 cm.

AGE

9 years

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 left kidney measured 6.25 cm. The right kidney measured 6.0 cm.

WEIGHT

55.5 lbs

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

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 2.16 x 0.6 cm at the caudal pole and 0.73 cm at the cranial pole. The right adrenal gland measured 3.0 x 1.43 cm at the cranial pole and 0.76 cm at the caudal pole.

IMAGING PERFORMED BY

Jenn

Spleen

HOSPITAL NAME

Rockaway AH

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.

REFERRING VET

Dr. Maniar

Liver

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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. Occasional hypoechoic nodule was noted in the liver and was non-disruptive. 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

DATE

3/1/23



PATIENT

Sampson Vassallo

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.

SPECIES

Canine

Gastrointestinal

The pylorus in this patient was irregularly thickened and measured approximately 2.7 x 3.0 cm. This may be accessible by endoscopy. The colon was empty as was the small intestine.

BREED

American Staffordshire Terrier

Pancreas

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

Neutered male

ULTRASONOGRAPHIC FINDINGS

AGE

9 years

Pyloric duodenal thickening. Potential carcinoma versus granulomatous disease.

Nodular hyperplasia liver pattern.

WEIGHT

55.5 lbs

Bladder cystitis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

Endoscopy with the objective of mucosal biopsies is recommended. FNA of the liver is recommended for further definition. The prognosis is guarded. There was no evidence of metastatic disease. However, nodular changes in the liver are likely hyperplasia, yet early metastatic disease cannot be ruled out. Full urinary work-up is warranted to assess for inflammatory sediment +/- culture.

IMAGING PERFORMED BY

Jenn

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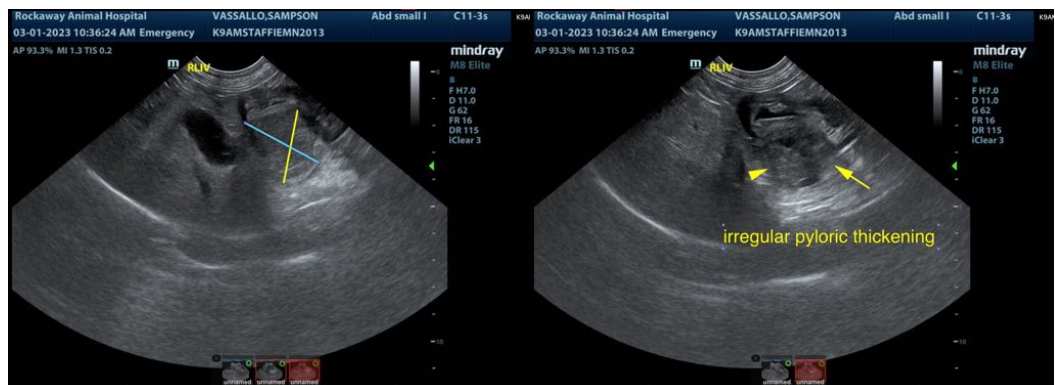
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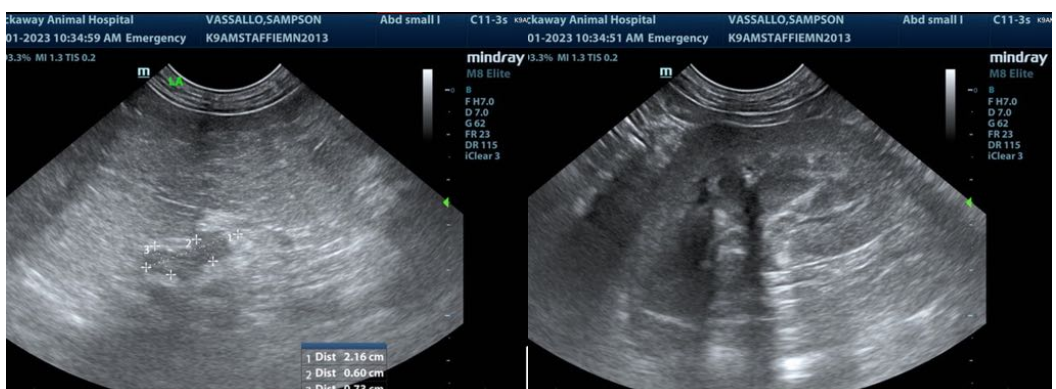
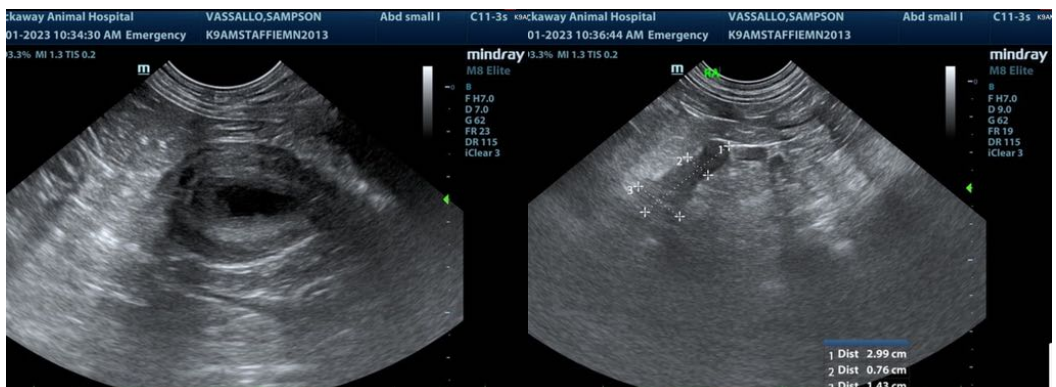
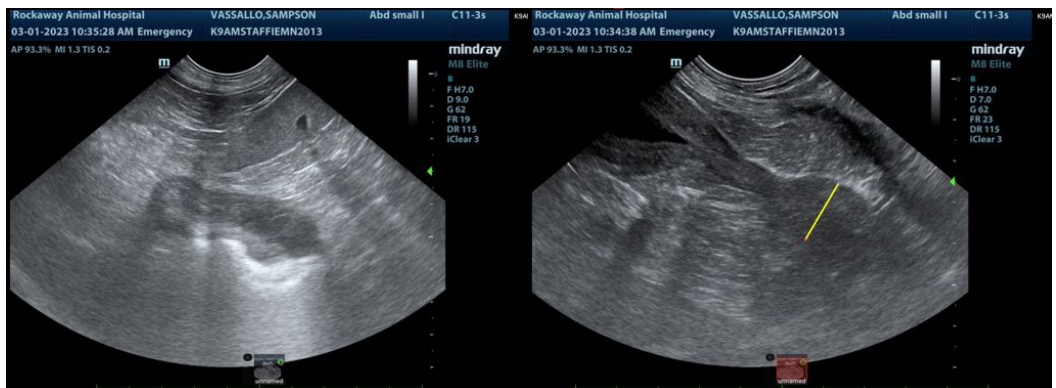
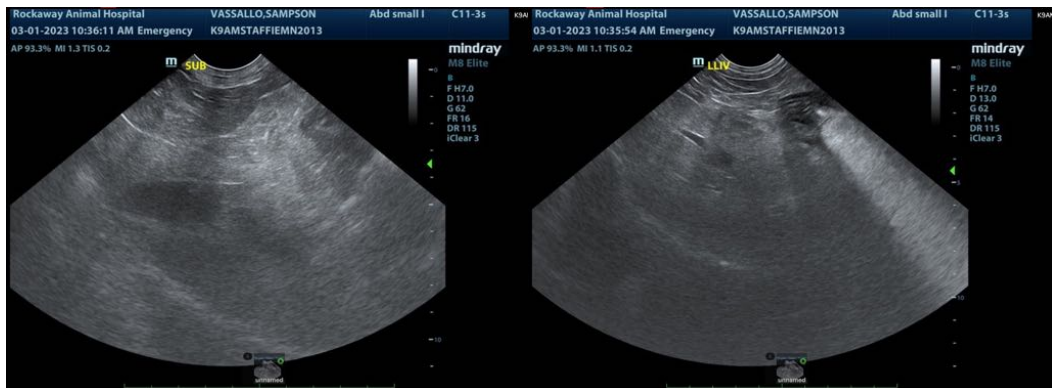
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PATIENT

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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

American Staffordshire
Terrier

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

SEX

Neutered male

AGE

9 years

WEIGHT

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