



PATIENT PRESENTING CLINICAL SIGNS

Rusty Aurich History: lethargy intermittent vomiting

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine **Urinary System**

BREED 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

AGE 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 left kidney measured 5.6 cm. The right kidney measured 5.11 cm.

7 years

WEIGHT 62 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 1.84 x 0.44 cm at the caudal pole and 0.67 cm at the cranial pole. The right adrenal gland measured 0.8 cm at the cranial pole and 0.5 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenn

Spleen

HOSPITAL NAME

Rockaway AH

The **spleen** revealed a hypoechoic nodule at the mid body. The spleen was folded upon itself cranially. This is a positional variant. The nodule measured approximately 1.0 cm. There was disruption of architecture. FNA is indicated.

REFERRING VET

Dr. Maniar

Liver

INVOICE

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The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. 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.

DATE

9/7/21



PATIENT

Gastrointestinal

Rusty Aurich

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.

SPECIES

Canine

BREED

Mix

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

7 years

Focal splenic nodule. Differentials include nodular hyperplasia (likely), round cell neoplasia, emerging hemangiosarcoma is possible.

Otherwise, unremarkable abdomen.

WEIGHT

62 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Dietary indiscretion, food intolerance/indiscretion, structurally insignificant inflammatory bowel or occult parasitism and occult Addison's are all potentials. FNA of the splenic nodule is indicated and/or recheck sonogram in 3 weeks to assess for any progression.

INTERPRETED BY

Eric Lindquist, DMV
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IMAGING PERFORMED BY

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HOSPITAL NAME

Rockaway AH

REFERRING VET

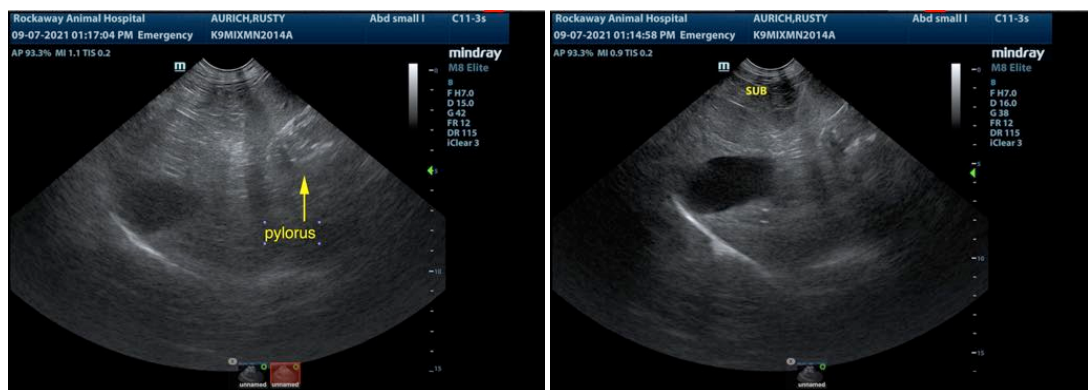
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PATIENT

Rusty Aurich

SPECIES

Canine

BREED

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SEX

Neutered male

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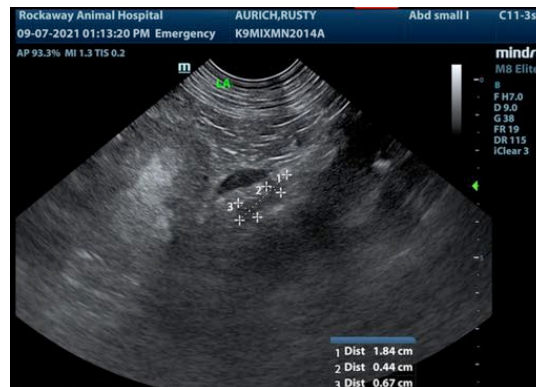
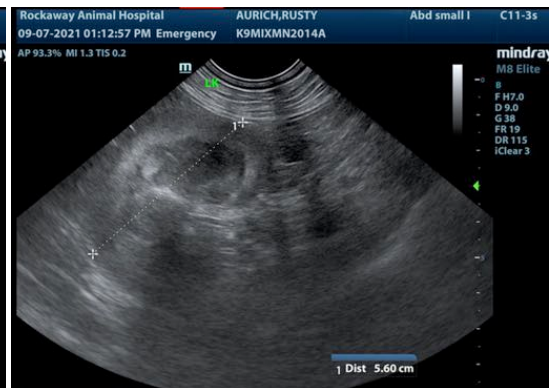
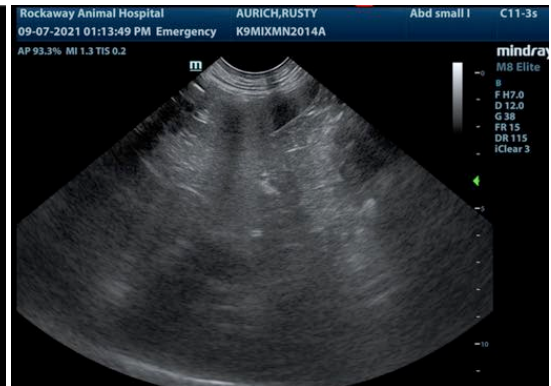
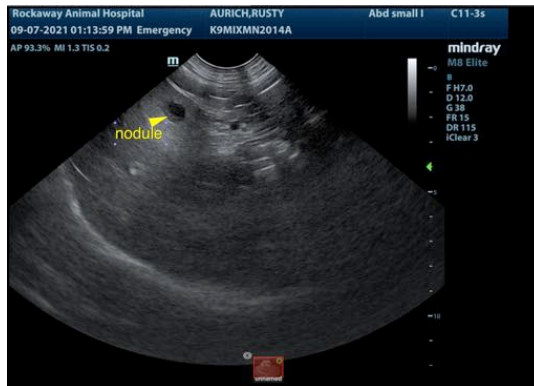
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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