



PATIENT

Buckeye Geary

PRESENTING CLINICAL SIGNS

History: vomiting

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Pug

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

Neutered male

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 4.3 cm. The left kidney measured 4.88 cm.

AGE

9 years

WEIGHT

28 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 1.59 x 0.65 cm at the caudal pole and 0.91 cm at the cranial pole. The right adrenal gland measured 1.51 x 0.57 cm at the caudal pole and 0.67 cm at the cranial pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenn

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

Rockaway AH

REFERRING VET

Dr. Maniar

Liver

The **liver** revealed increased portal markings with irregular, left lobar swelling. This is consistent with hepatoma and is unlikely to be neoplastic. The gallbladder was over distended with striating bile and measured approximately 5.0 x 4.0 cm. This is consistent with mucocele formation.

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Gastrointestinal

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

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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

Pancreas

The **pancreas** revealed coarse architecture with mixed, hypoechoic parenchyma, undulating contour and remodeling. This is consistent with chronic active pancreatitis or history of pancreatitis.

BREED

Pug

ULTRASONOGRAPHIC FINDINGS

Gallbladder mucocele.

SEX

Neutered male

Minor, chronic active pancreatitis.

Otherwise, unremarkable abdomen.

AGE

9 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of perforation. Cholecystectomy is recommended in this patient. Stabilization of with pancreatitis type protocol is recommended in the meantime.

WEIGHT

28 lbs

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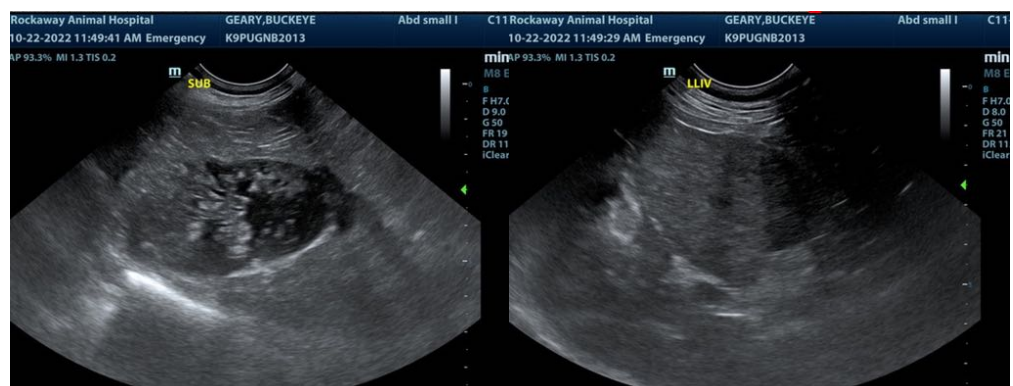
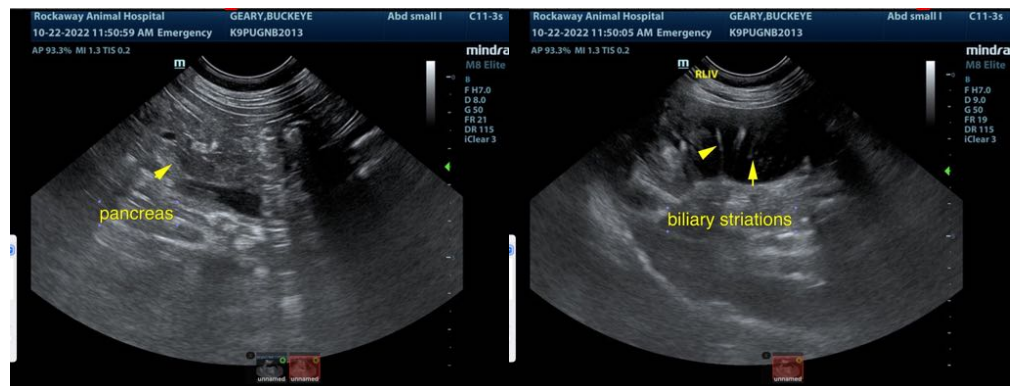
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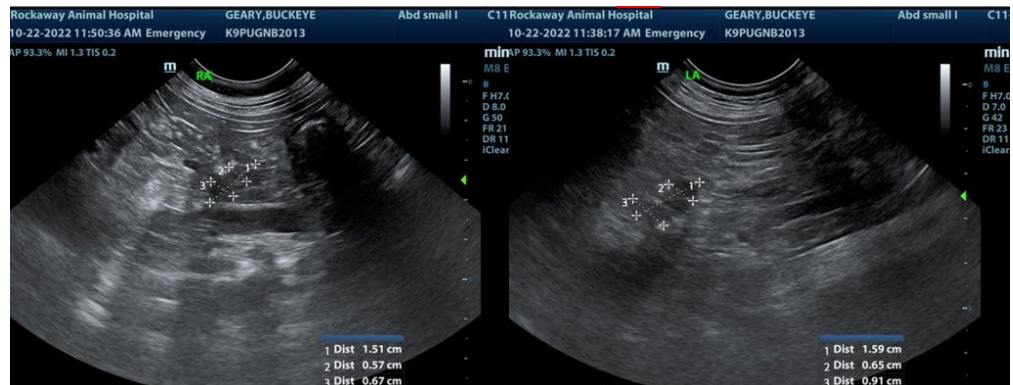
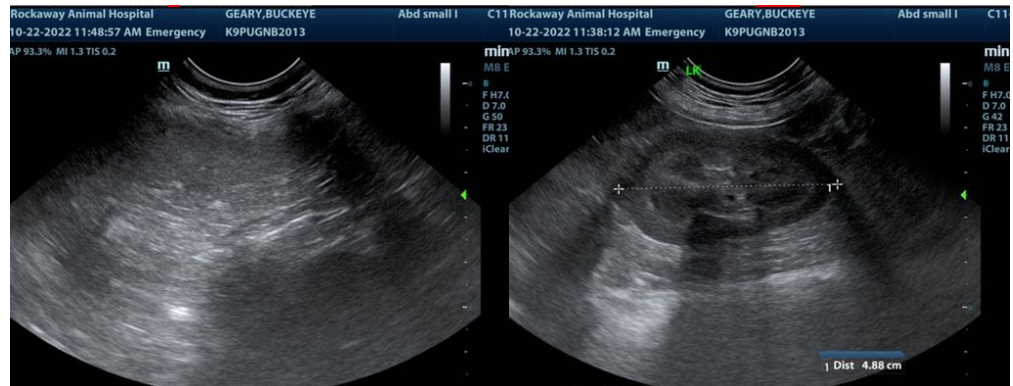
Neutered male

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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.

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