



PATIENT

Murphy Walsh

PRESENTING CLINICAL SIGNS

History: choc toxicity vomiting but also large radio opaque material on rads increased hepatic enzymes

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Labrador mix

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. A moderate amount of dependent debris was noted. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

SEX

Neutered male

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.

AGE

3 years

The capsules were acceptably uniform without significant irregularities. The right kidney measured 3.95 cm. The left kidney measured 4.48 cm.

WEIGHT

23 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 right adrenal gland measured 1.95 x 0.56 cm at the caudal pole and 0.93 cm at the cranial pole. The left adrenal gland measured 1.52 x 0.4 cm at the caudal pole and 0.37 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** 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.

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DATE

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PATIENT

Gastrointestinal

Murphy Walsh

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Shadowing pyloric structure was noted in the stomach measuring approximately 2.5-3.0 cm. Medication history should be evaluated. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively.

SPECIES

Canine

BREED

Labrador 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

Bladder debris.

AGE

3 years

Shadowing material noted in the stomach.

Structurally unremarkable abdomen.

WEIGHT

23 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Urinalysis work-up is recommended. The material in the stomach is likely oral medication; however, foreign matter is possible. A candy wrapper or similar may be present. 24-hour n.p.o. and a recheck sonogram is indicated to assess if the material is still present, if so then gastrotomy is indicated.

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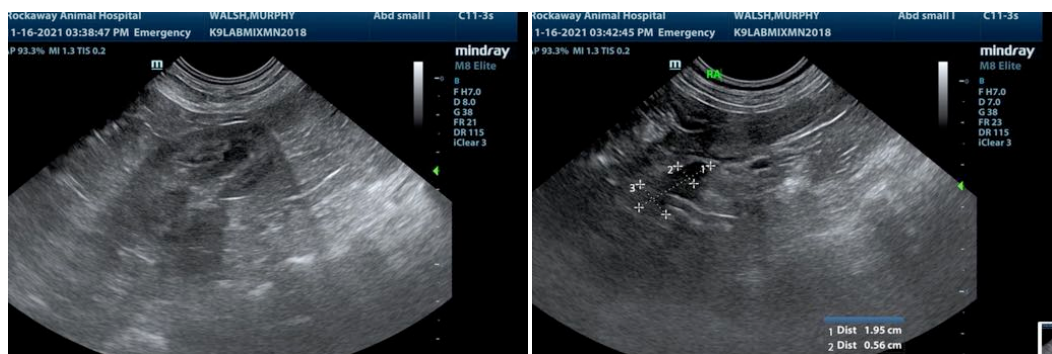
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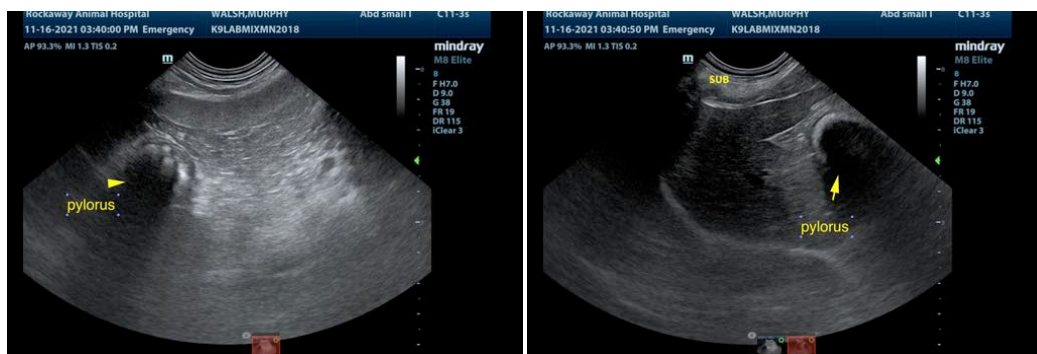
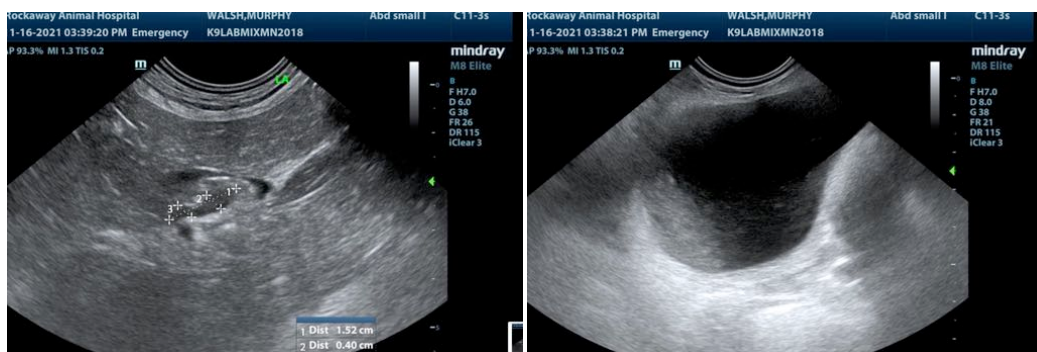
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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