



PATIENT PRESENTING CLINICAL SIGNS

Marley Morgan History: recheck has u/s on 6/29 not eating, vomiting gritty black material, lethargic

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine **Urinary System**

BREED The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. Non-obstructive calculi were noted. The largest of which measured 0.4 cm. 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. The capsules were acceptably uniform without significant irregularities. The right kidney measured 5.32 cm. The left kidney measured 5.3 cm with slight pyelectasia.

AGE

9 years

Adrenal Glands

WEIGHT

16 lbs

The **adrenal glands** appeared slightly enlarged and swollen. No evidence of focal capsular expansion or invasion into the phrenic veins was noted. No overt suspicion of neoplasia was noted. This is considered likely a hyperplastic change associated with stress or adrenal endocrinopathy (PDH). If isosthenuria is persistently present and the patient morphologically suggests Cushing's disease then ACTH testing would be indicated. The right adrenal gland measured 2.2 x 0.8 cm at the caudal pole and 0.87 cm at the cranial pole. The left adrenal gland measured 1.74 x 0.96 cm at the cranial pole and 0.69 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenn

Spleen

HOSPITAL NAME

Rockaway AH

The **spleen** was normal size and relatively normal contour with multifocal hyperechoic areas of mineralization. This is a benign change; however, can be related to Cushing's disease or other endocrinopathies.

REFERRING VET

Dr. Maniar

Liver

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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

7/2/22



PATIENT

Gastrointestinal

Marley Morgan

The **stomach** was over distended. Gastric stasis was noted. The pylorus was patent, yet pyloric dysfunction may be an issue given the amount of gastric stasis present.

SPECIES

Canine

Pancreas

BREED

Maltese

Extensive **pancreatitis** is noted in this patient. Undulating contour to the left and right limbs of the pancreas with extensive, hyperechoic inflamed fat.

SEX

Neutered male

Extensive pancreatitis, appears progressed.

AGE

9 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

IV Fluid support, 24 hour n.p.o., plasma expanders and GI protectants are all indicated. Endoscopy would be ideal in this patient. Pain management and broad spectrum antibiotics would all be indicated.

WEIGHT

16 lbs

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IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH

REFERRING VET

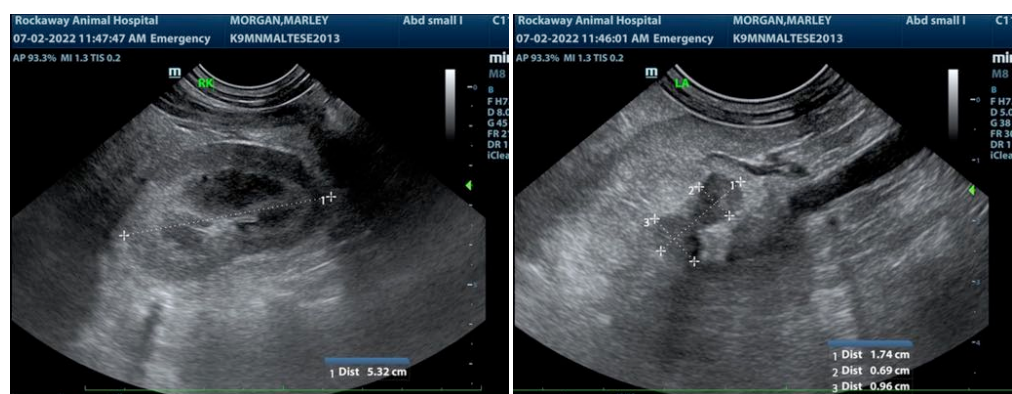
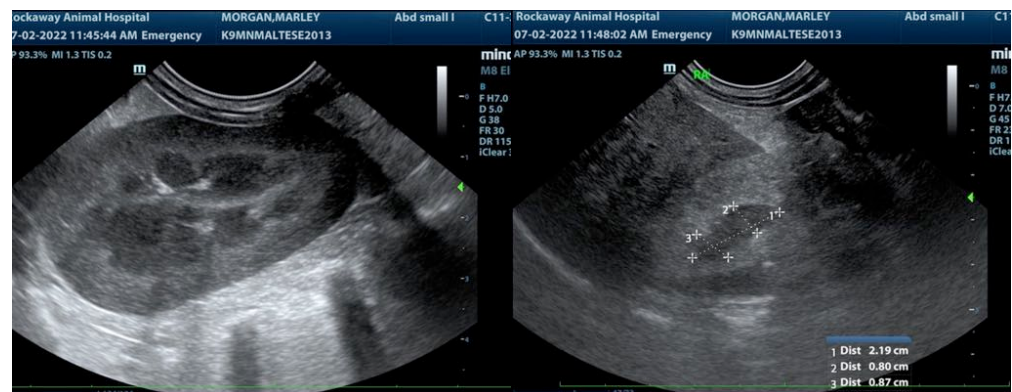
Dr. Maniar

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DATE

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PATIENT

Marley Morgan

SPECIES

Canine

BREED

Maltese

SEX

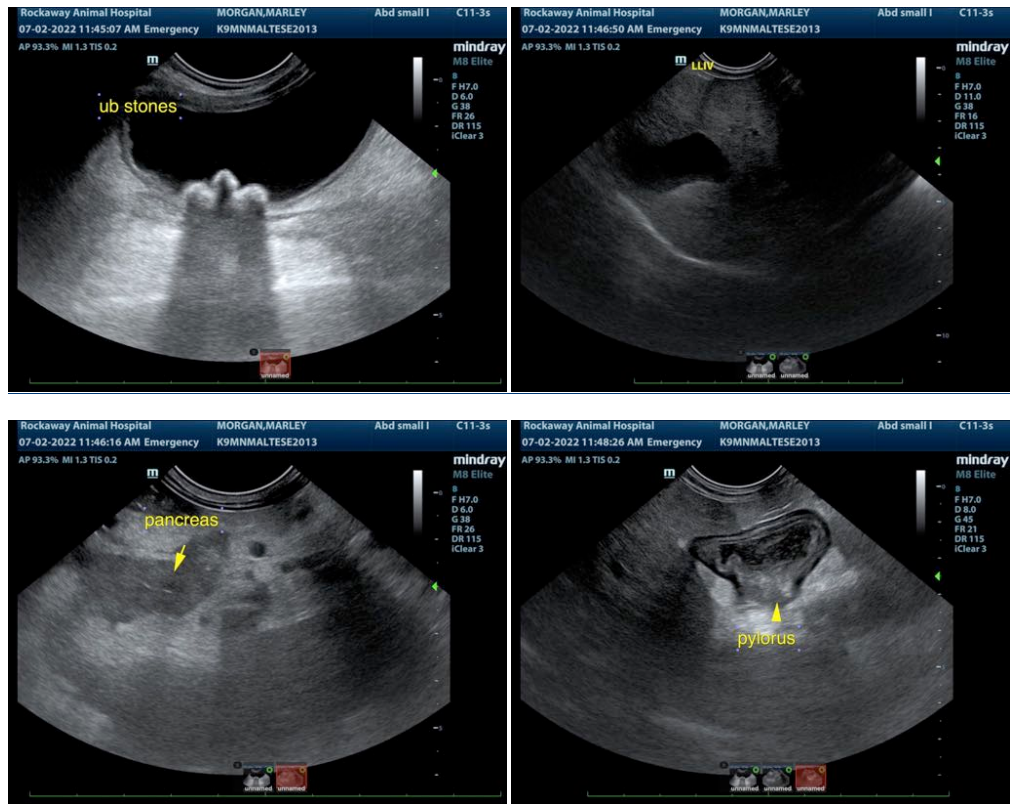
Neutered male

AGE

9 years

WEIGHT

16 lbs



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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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