



PATIENT PRESENTING CLINICAL SIGNS

Frenchie Munoz History: ate a Hershey bar w/ almonds last nights p vomited 6 times

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. 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 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 right kidney measured 4.38 cm. The left kidney measured 4.62 cm.

AGE

6 years

Adrenal Glands

WEIGHT

24.5 lbs

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 1.8 x 0.46 cm at the caudal pole and 1.01 cm at the cranial pole. The left adrenal gland measured 1.35 x 0.29 cm at the caudal pole and 0.37 cm at the cranial pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

IMAGING PERFORMED BY

Jenn

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

Liver

REFERRING VET

Dr. Maniar

The **liver** was diffusely hyperechoic to the falciform fat. The gallbladder and common bile duct were unremarkable with coarse architecture. This is consistent with metabolic hepatopathy and mild remodeling.

INVOICE

99993

Gastrointestinal

DATE

4/28/22

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.



PATIENT

Pancreas

Frenchie Munoz

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.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

BREED

Metabolic hepatopathy and mild remodeling.

Frenchie

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

If the liver enzyme elevations are an issue then FNA is indicated. Otherwise, supportive care should prove effective.

Neutered male

AGE

6 years

WEIGHT

24.5 lbs

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Eric Lindquist, DMV
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IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH

REFERRING VET

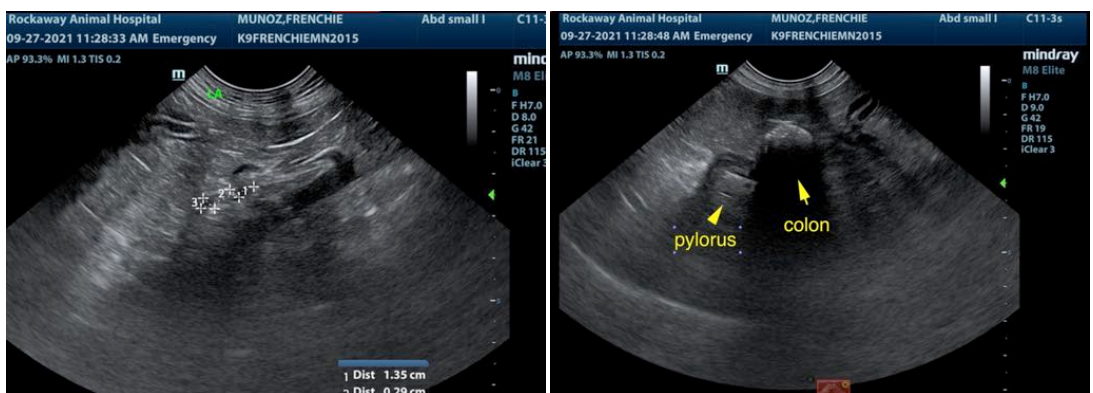
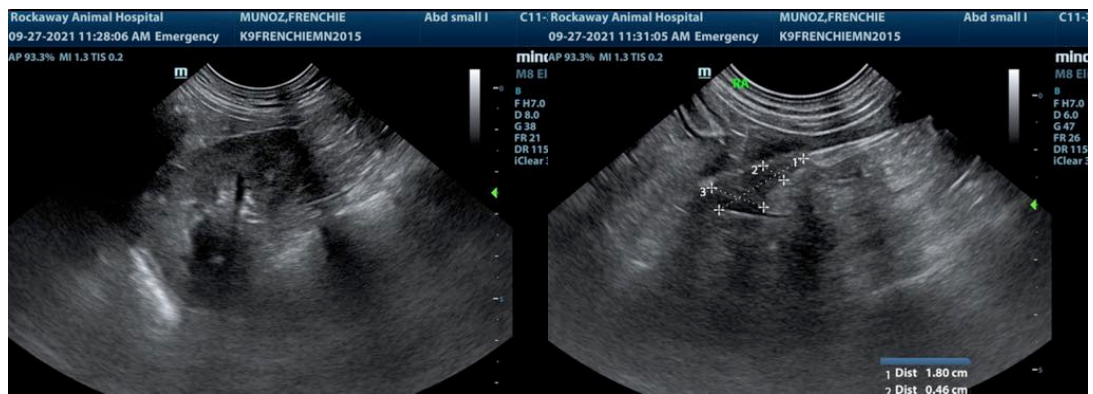
Dr. Maniar

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PATIENT

Frenchie Munoz

SPECIES

Canine

BREED

Frenchie

SEX

Neutered male

AGE

6 years

WEIGHT

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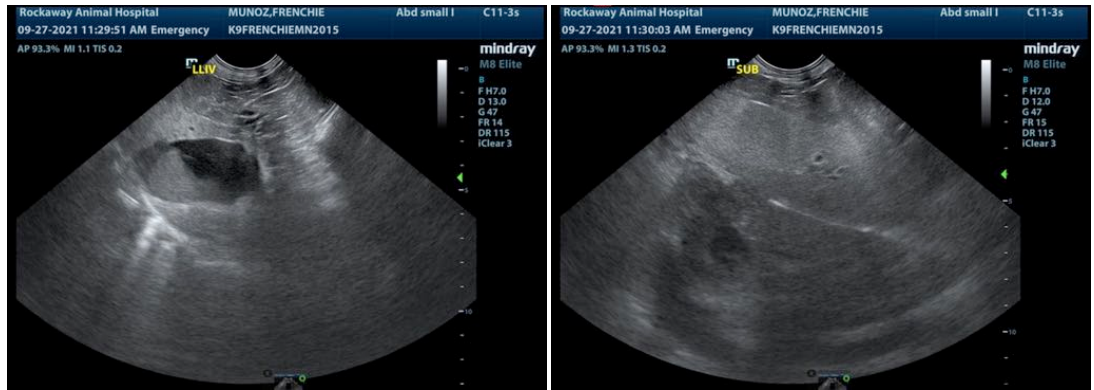
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DATE

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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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