



PATIENT

Yogi Stauffer

PRESENTING CLINICAL SIGNS

Vomiting since last night..unable to keep anything down
Abnormal PE/Chem/CBC/UA Results: Pending

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Maltese X

The urinary bladder was subnormal in size owing to the lack of urine distention, which prohibited full evaluation of the urinary bladder walls. No overt evidence of neoplastic criteria, sediment, or calculi. The urethra was normal to a depth of 2.0 cm.

The residual prostate was free of pathology.

SEX

Neutered Male

The area of the aortic trifurcation was free of pathology.

AGE

10.4 Years

Normal size and margination was present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. A caudal cortical cyst was noted in the left kidney measuring 1.0 cm in diameter. The left kidney measured 4.5 cm. The right kidney measured 4.3 cm.

Adrenal Glands

WEIGHT

17 Pounds

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. No evidence of adrenomegaly or tumors. The right adrenal gland measured 1.8 cm long x 0.56 cm at the caudal pole. The left adrenal gland measured 1.9 cm long x 0.68 cm at the caudal pole.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

IMAGING PERFORMED BY

Dr. Rodriguez

Liver

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was distended in size, containing moderate to marked non-dependent, organized luminal debris, exhibiting mild striated debris appearance. The debris exhibited mild variable echogenicity. Regional inflammation around the gallbladder was exhibited by increased pericholecystic omental echogenicity. No obvious evidence of free fluid. The common bile duct was normal.

HOSPITAL NAME

Foxfield Vet Services

REFERRING VET

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Gastrointestinal

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The stomach walls were intact with regionally mildly prominent walls, primarily in the subjective antrum/pylorus. Pylorus wall measured 0.66 cm. The stomach was empty without evidence of retained ingesta, fluid, or foreign material.

DATE

10/10/22

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material. Minor segmental jejunal corrugation.



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Normal visible colon wall layers were present with apparent formed feces in lumen.

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Pancreas

SPECIES

Sonographic examination of the pancreas was limited owing to regional increased peripancreatic omental artifact. No obvious evidence of active pancreatitis. Potential for low-grade or chronic pancreatitis cannot be definitively excluded.

Canine

Free Abdomen

BREED

No overt lymphadenopathy or peritoneal effusion was present.

Maltese X

PRIMARY FINDINGS

SEX

- Gallbladder mucocele with peripheral inflammation
- Mild hepatic parenchymal remodeling – suspect concurrent primary versus secondary hepatopathy, subjectively benign.
- Gastritis/gastroenteritis pattern

Neutered Male

AGE

SECONDARY FINDINGS

10.4 Years

- Overtly normal bilateral adrenal glands
- Bilateral chronic renal changes with left kidney cyst

WEIGHT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

17 Pounds

The primary finding in this case is the gallbladder mucocele, suspected to be the underlying primary contributing factor to the patient's vomiting and secondary mild gastric to gastrointestinal inflammatory pattern. Correlation with pending labwork recommended. Given this presentation, cholecystectomy is warranted with potential hepatic biopsies if clinically indicated and assuming normal clotting status.

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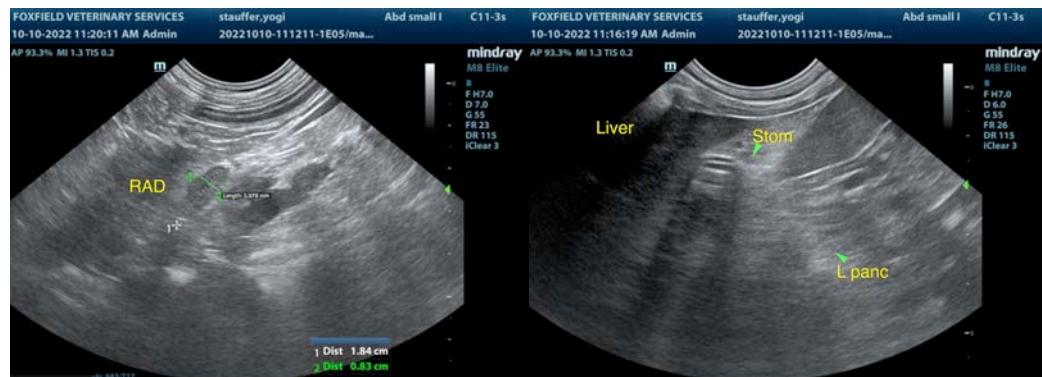
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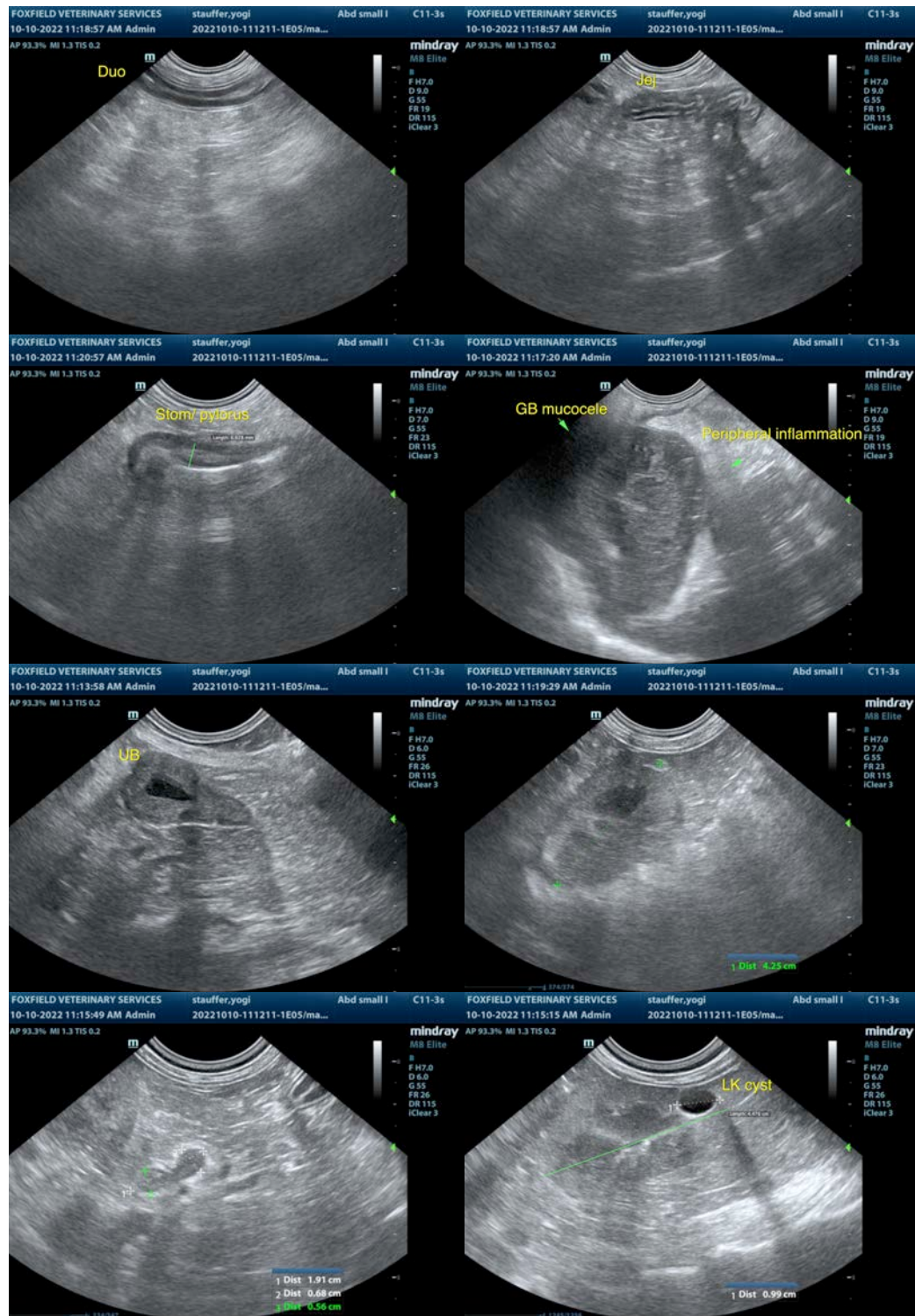
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

info@SonoPath.com

BREED

Maltese X

SEX

Neutered Male

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