



PATIENT	PRESENTING CLINICAL SIGNS
Lulu Dodon	Assessment: P had heat in february. O thought she was going into heat again due to licking of vulva but no blood seen decreased appetite no increased urination PE WNL -At recheck: BAR pe wnl other than gi tract feels empty and p is experiencing weight loss o notes refusal for lots of foods but otherwise usual self. No meds currently.
SPECIES	Abnormal PE/Chem/CBC/UA Results: Increased creatinine, increased sodium
Canine	
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Morkie	Urinary System
SEX	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths, sediment, or calculi. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.
FI	
AGE	The uterus was sonographically normal without evidence of luminal fluid, measuring 0.57 cm width in the uterine body. No overt pathology was noted in the area of the left or right ovaries.
1 year	The area of the aortic trifurcation was free of pathology.
WEIGHT	Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 3.3 cm in length. The right kidney measured 3.9 cm in length.
3.7 kg	
INTERPRETED BY	Adrenal Glands
R. McKenzie Daniel, DVM, DABVP	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 1.5 cm length x 0.34 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 1.4 cm length x 0.37 cm width at the caudal pole.
IMAGING PERFORMED BY	Spleen
Crystal Hill	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.
HOSPITAL NAME	Liver/ Gallbladder
Beatties PH Ancaster	The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.
REFERRING VET	
Dr. Pandya	
INVOICE	
13984	
DATE	
6/2/22	



PATIENT

Gastrointestinal

Lulu Dodon

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild to moderate, variably echogenic, ingesta exhibited areas of minor distal acoustic shadowing. No evidence of mechanical pyloric outflow obstruction was noted. The ventral gastric body wall width measured 0.30 cm.

SPECIES

Canine

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. The duodenum wall width measured 0.39 cm. The jejunum wall width measured 0.26 cm.

BREED

Morkie

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

SEX

Pancreas

FI

The parenchyma of the left limb, body, and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease were evident.

AGE

Free Abdomen

1 year

No overt lymphadenopathy or peritoneal effusion was present.

WEIGHT

ULTRASONOGRAPHIC FINDINGS

3.7 kg

- Sonographically unremarkable abdomen
- Mild to moderate variably echogenic to shadowing gastric ingesta

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No overt evidence of significant abdominal visceral pathology. No evidence of pyometra or other ovariuterine pathology was evident.

IMAGING PERFORMED BY

Crystal Hill

The variably echogenic to shadowing gastric ingesta is nonspecific yet may correlate with post prandial presentation. Correlation with most recent meal ingestion is recommended. If documented NPO prior to the ultrasound, some degree of gastric hypomotility or nonobstructive delayed gastric emptying could be considered.

HOSPITAL NAME

Beatties PH Ancaster

Likewise, the possibility of structurally insignificant gastrointestinal disease, given the patient's weight loss and decreased appetite, cannot be excluded.

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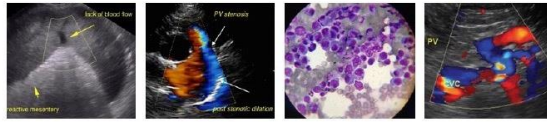
Further assessment may include monitoring for normal gastric emptying and a GI panel to include PLI/TLI/Cobalamin/Folate to assess for occult gastrointestinal disease. Monitoring of hydration status is suggested, given the increased creatinine and sodium levels.

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PATIENT

Lulu Dodon

SPECIES

Canine

BREED

Morkie

SEX

FI

AGE

1 year

WEIGHT

3.7 kg

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IMAGING PERFORMED BY

Crystal Hill

HOSPITAL NAME

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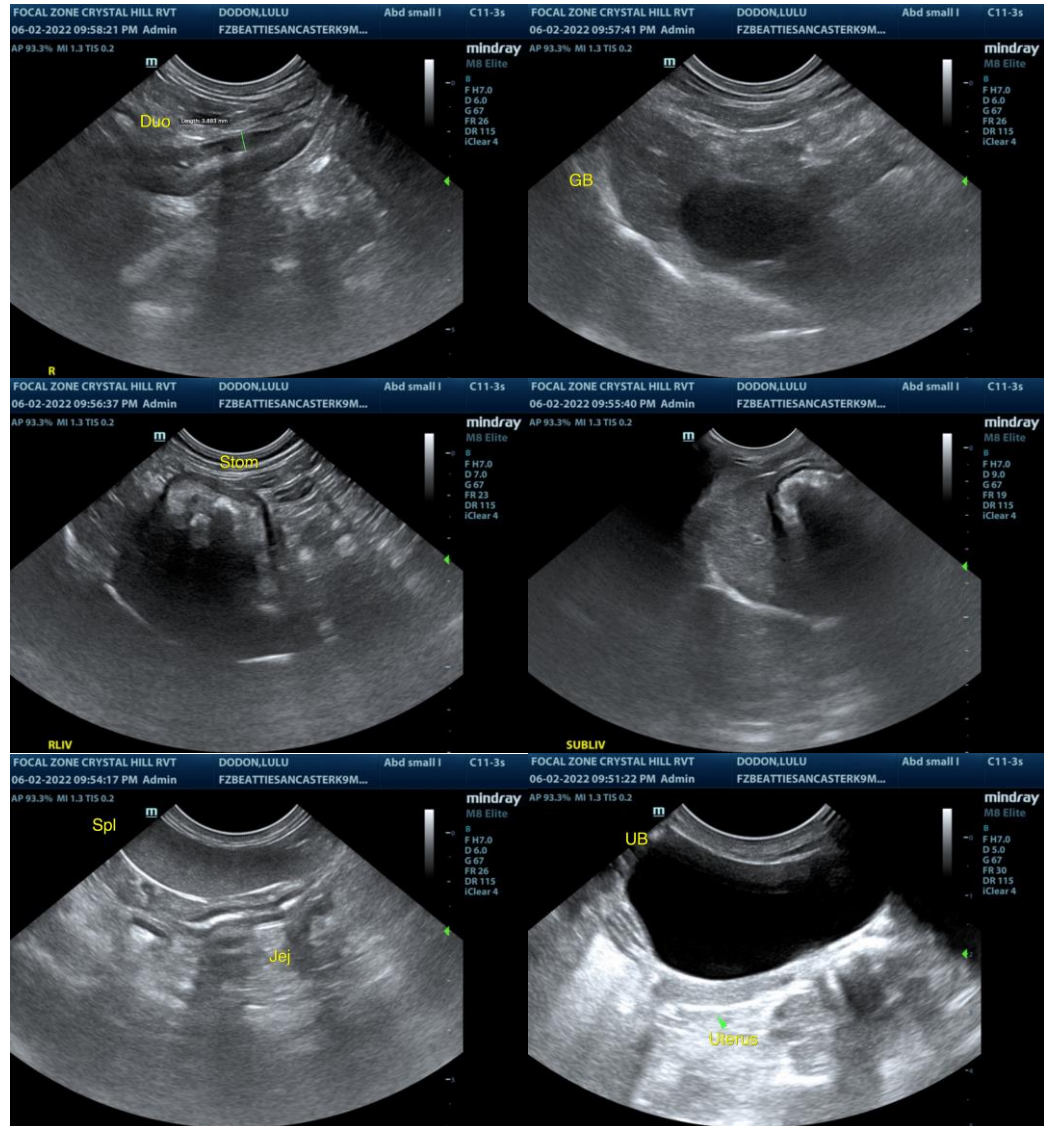
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Lulu Dodon

SPECIES

Canine

BREED

Morkie

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FI

AGE

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WEIGHT

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**IMAGING
PERFORMED BY**

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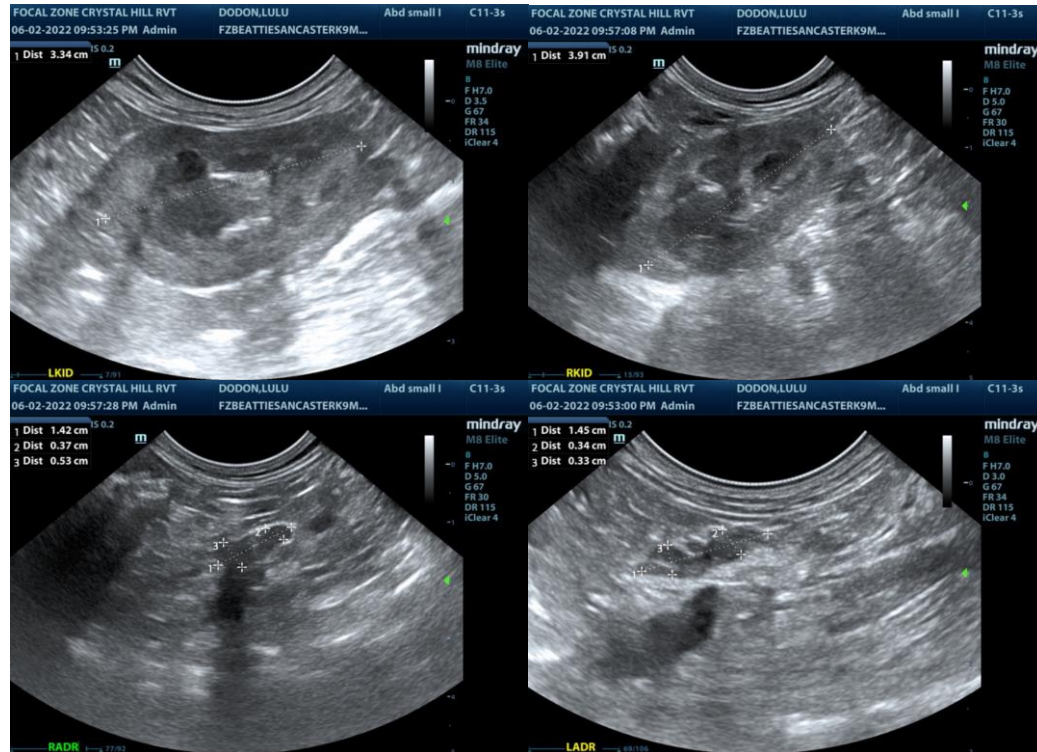
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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