



PATIENT PRESENTING CLINICAL SIGNS

Max Dawntain History: anaphylaxis, gastric foreign material

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine Urinary System

Canine

BREED

Beagle

SEX

Neutered Male

AGE

1 Year 5 Months

WEIGHT

31.5 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Jessica Miller

HOSPITAL NAME

Rockaway AH

REFERRING VET

Dr. Maniar

INVOICE

14809

DATE

4/18/22

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted. Aortic trifurcation was normal.

The area of the residual prostate was without pathology.

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 5.3 cm in length. The right kidney measured 6.0 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.44 cm width at the caudal pole and 0.41 cm width at the cranial pole.

The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.48 cm width at the caudal pole and 0.71 cm width at the cranial pole.

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.

Liver

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 anechoic content. No sludge was present. No evidence of gallbladder wall edema. The cystic and common bile ducts were normal.

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was primarily empty with mild luminal gas, potential for mild nonspecific hyperechoic ingesta in the area of the antrum/pylorus. No evidence of retained gastric fluid or mechanical pyloric outflow obstruction.

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.

Normal visible colon wall layers were present with formed, strongly shadowing fecal matter.



PATIENT

Pancreas

Max Dawntain

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 was evident.

SPECIES

Canine

Free Abdomen

BREED

Beagle

Focal, mildly prominent mesenteric lymph nodes were present in the left medial abdomen, medial to the spleen. The lymph nodes were essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). An example of lymph node size measured 1.9 cm x 4.0 cm.

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Neutered Male

The omentum was of uniform echogenicity. No peritoneal free fluid was present.

AGE

1 Year 5 Months

ULTRASONOGRAPHIC FINDINGS

- Sonographically unremarkable gastrointestinal tract with potential minor nonspecific gastric ingesta- no evidence of mechanical obstructive pattern
- Focal, mild benign/reactive mesenteric lymph nodes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

31.5 Pounds

Overall, no overt evidence of significant visceral pathology. Overt evidence of gastric or gastrointestinal foreign material or mechanical/metabolic ileus was not present. Technically, the possibility of a very minor amount of fabric or hair density in the stomach is possible, however, this did not appear to be obstructive and potentially incidental. Continued radiographic monitoring would be appropriate with as needed gastrointestinal support. Potential for mild inflammatory bowel episode possible given the focal reactive mesenteric lymph nodes if gastrointestinal signs are present.

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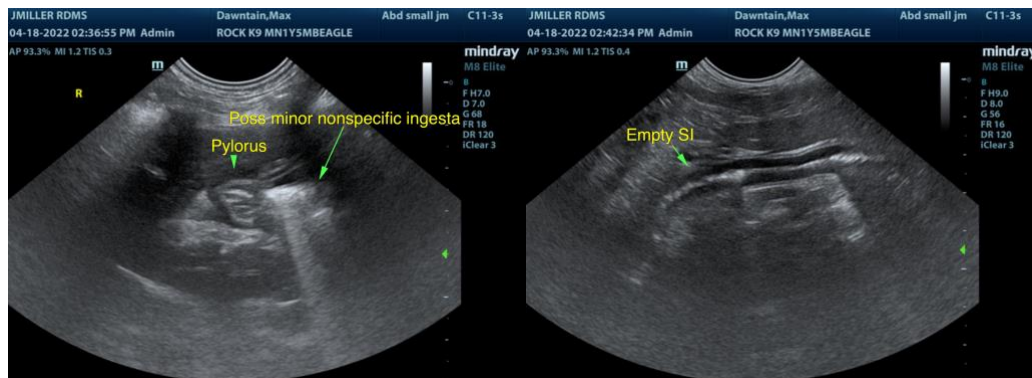
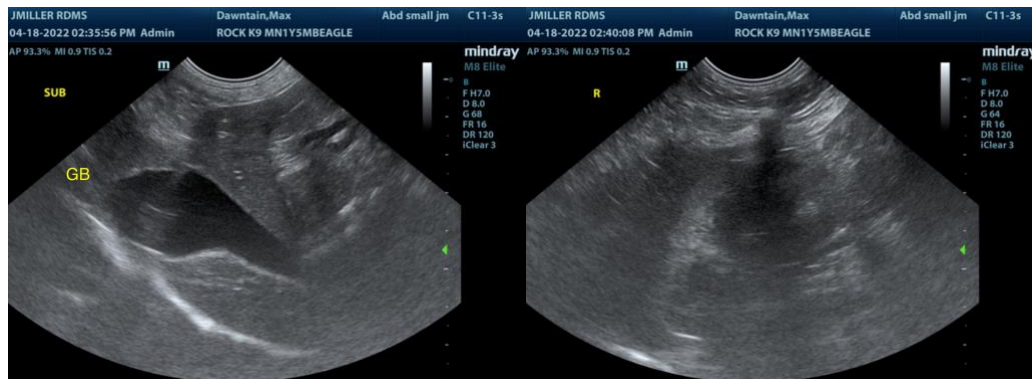
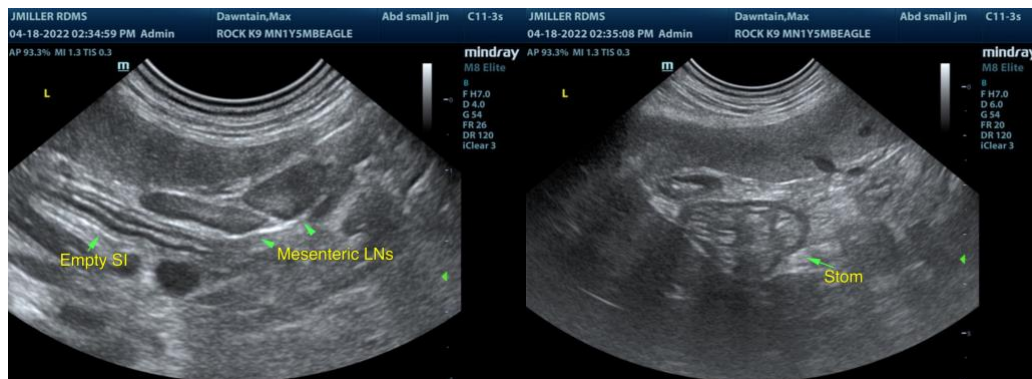
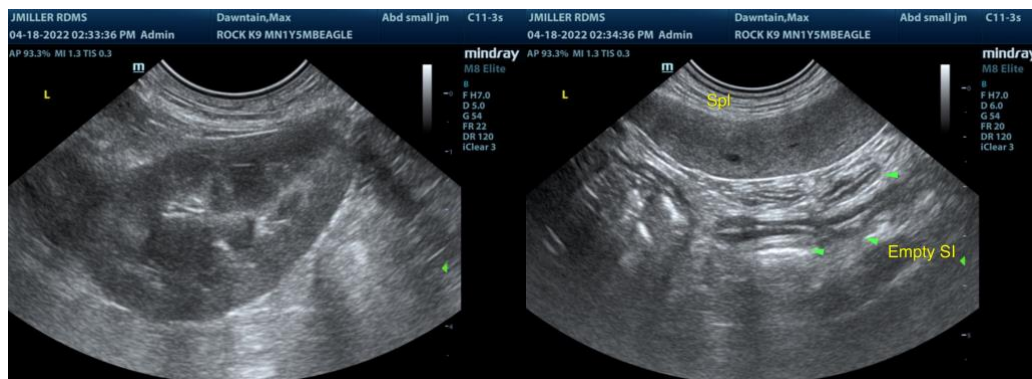
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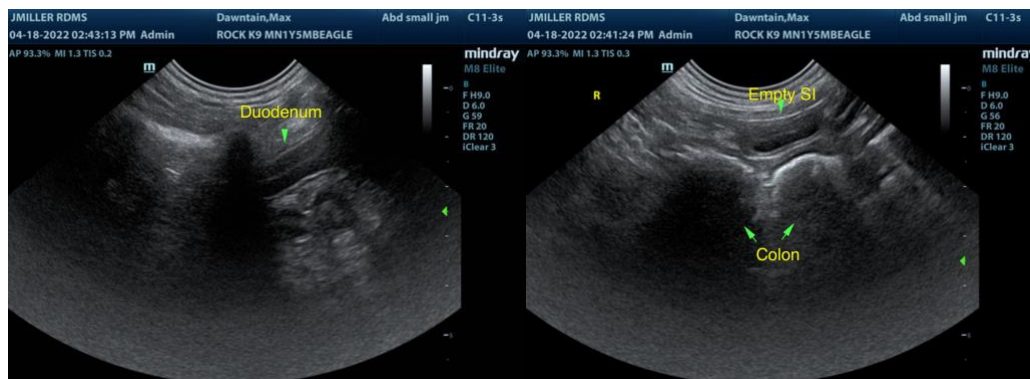
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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