



PATIENT

Kevin Milde

PRESENTING CLINICAL SIGNS

Possible obstruction pylorus
Abnormal PE/Chem/CBC/UA Results: WNL

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Shepherd X

The urinary bladder is moderately distended with anechoic urine. The Bladder wall, trigone, ureteral papillae and visible urethra (to a depth of 2cm) appear normal with no evidence of wall thickening, mucosal irregularities, masses or cystic calculi.

SEX

Neutered Male

The prostate is normal in size and shape for this neutered male dog. The parenchyma is homogenous and the external margins are smooth. The prostatic urethra appears normal with no evidence of irregularity, invasion, mass effect or calculi.

AGE

1.5 Years

The left kidney has a normal shape and size (6.75 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

WEIGHT

64 Pounds

The right kidney has a normal shape and size (6.93 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

Adrenal Glands

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

The left adrenal gland is normal in size measuring 0.42 cm at the caudal pole. It is observed in its normal position cranial to the left renal artery. It is normal in appearance (uniformly hypoechoic) and shape with no evidence of a mass effect.

The right adrenal gland is normal in size measuring 0.45 cm at the caudal pole. It is observed in its normal position between the cranial aspect of the right kidney and the caudal vena cava. It is normal in appearance (uniformly hypoechoic) and shape with no evidence of a mass effect.

IMAGING PERFORMED BY

Jessica Miller

Spleen

HOSPITAL NAME

Rockaway AH

The spleen is subjectively normal in size, echotexture is homogenous, and the splenic capsule is smooth with no irregularities. The blood flow through the hilus and splenic parenchyma appears normal. No focal parenchymal abnormalities are visualized.

Liver

REFERRING VET

Dr. Bednar

The liver is subjectively normal in size, and echogenicity with smooth peripheral margins. The parenchyma is homogenous echotexture. The visible portions of the vasculature and biliary tract appear normal. No focal nodules or cystic lesions are observed.

INVOICE

36848

The gallbladder lumen is moderately distended. The wall of the gall bladder is not thickened and has a smooth mucosal surface. Luminal contents are primarily anechoic. The cystic and common bile ducts are normal/not visible.

Gastrointestinal

DATE

4/13/22



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The stomach is moderately distended with fluid and irregular shadowing material. Some of this shadowing material produces a hard shadow, given the impression of possible ingested foreign material. There is an approximately 1-1.5 cm hyperechoic linear silhouette with a shadow that is seen consistently. The stomach wall measures at a normal thickness of <0.7 cm with some variability due to the presence of rugal folds. The distinction of the gastric wall layering is adequate, and there is no impression of reduced peristaltic activity. There is concern for ingested foreign material. A complete obstruction seems unlikely.

SPECIES

Canine

BREED

Shepherd X

The distal small intestine appears normal and there is no evidence of a severe obstructive pattern. The proximal duodenum is very mildly fluid dilated, and in some views, there is the impression of a hyperechoic linear shadowing structure that could be gas artifact, or a continuation of the linear material visualized in the stomach. Excessive panting makes following these structures challenging. In some views, there are some sharp turns visualized, but there is no severe bowel dilation conclusive for an obstruction.

SEX

Neutered Male

The ileocecal junction was visualized and exhibited normal intact wall layering and is subjectively of normal thickness. Sections of colon are visualized with formed fecal material and gas shadowing distally. There is no observed focal or generalized colon wall thickening or loss of layering.

AGE

1.5 Years

Pancreas

The pancreas is normal and isoechoic to surrounding mesentery. There is no evidence of nodules or cystic lesions. There is no evidence of regional mesenteric inflammation or fluid.

WEIGHT

64 Pounds

Free Abdomen

Evaluation of the peritoneal cavity did not reveal any evidence of effusion, or subjective lymphadenomegaly. The Medial iliac nodes appear normal and there was no evidence of a caudal aortic thrombus at the bifurcation. The omentum is of normal uniform echogenicity.

INTERPRETED BY

Eric Lindquist, DMV

ULTRASONOGRAPHIC FINDINGS

- Ingesta distended stomach with small linear shadowing foreign object visualized
- Mild proximal bowel fluid dilation

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jessica Miller

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

A definitive obstruction is not visualized, but there is the impression of a small shadowing foreign object within the gastric lumen, and the possibility of proximal mild fluid distention. This could be consistent with an early linear type foreign body, or could be consistent with smaller foreign material, which may have the ability to pass. Options at this time include symptomatic treatment for gastroenteritis with very close serial monitoring with the intention of going to surgery if an obstructive pattern develops or patient is not improving. Or, if suspicion is high based on the clinical picture and corresponding radiographs, you could consider exploratory to rule in or out an obstructive process. If an obstruction is not identified, then consider obtaining GI biopsies at the time of surgery.

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Neutered Male

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REFERRING VET

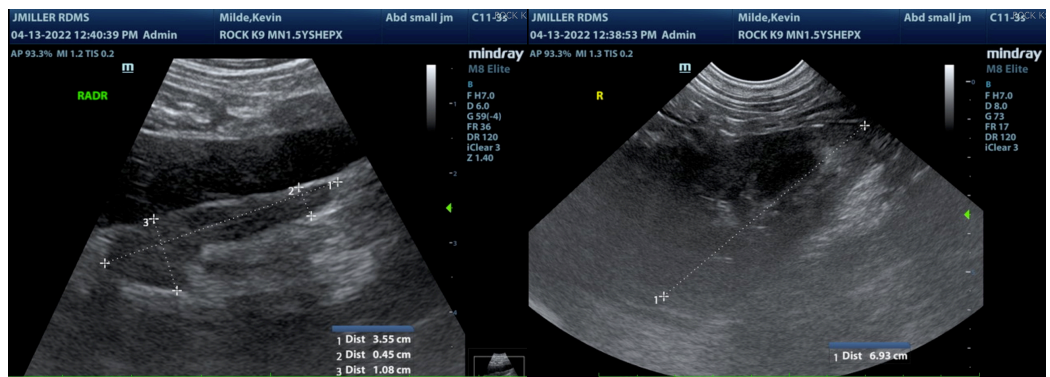
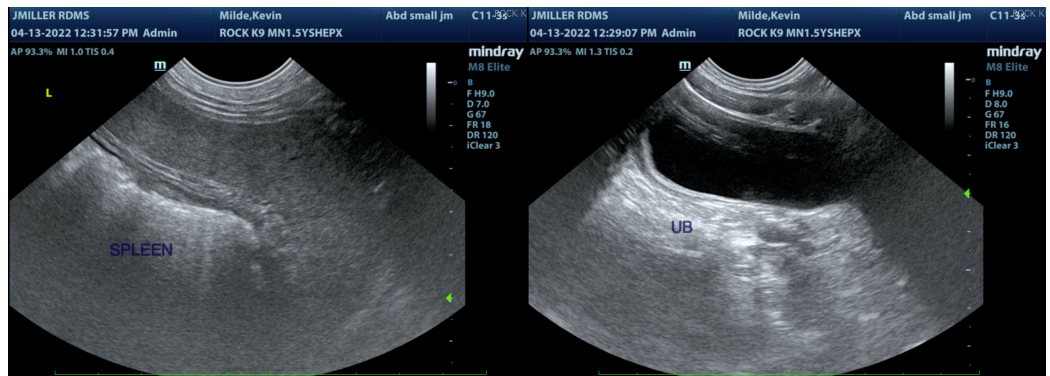
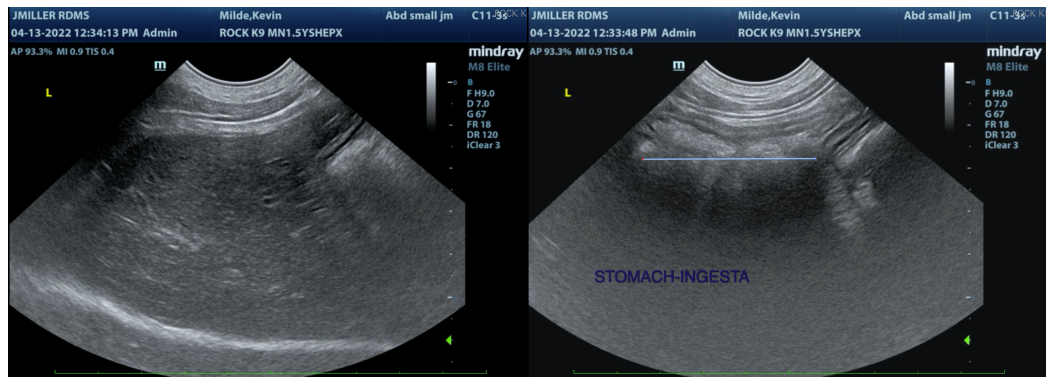
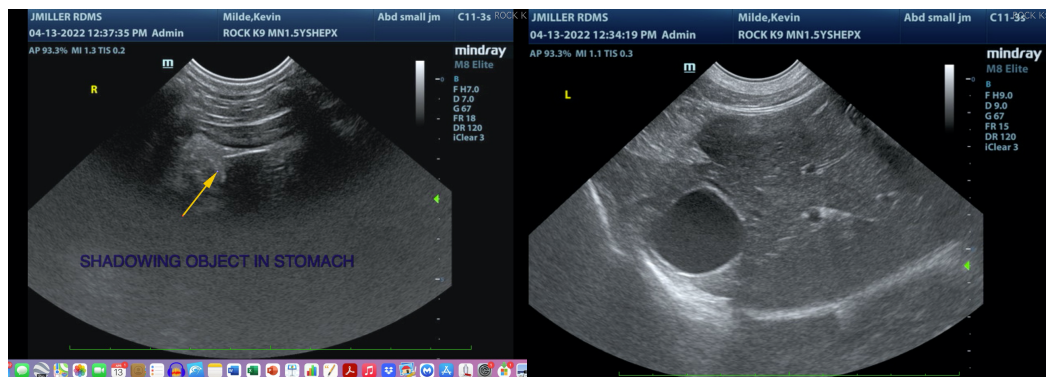
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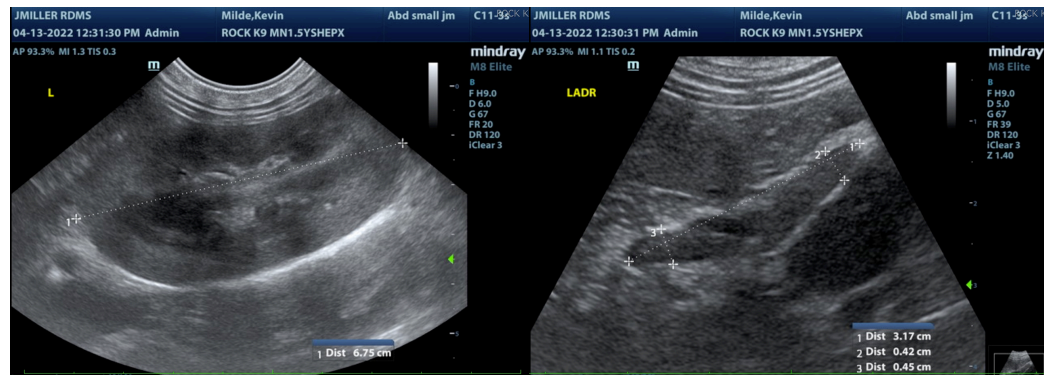
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SPECIES

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BREED

Shepherd X



SEX

Neutered Male

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.

AGE

1.5 Years

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.

Kathleen Sennello DVM,MS, Diplomate ACVIM (Small animal Internal Medicine)

WEIGHT

64 Pounds

kathleen.sennello@sonopath.com

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