



PATIENT

Rosie Farmer

PRESENTING CLINICAL SIGNS

Patient presents today after exploratory from surgery from 12/23/21 after ingesting a chocolate wrapper that obstructed. Patient is now vomiting and ADR.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Doberman Pinscher

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of – 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.

SEX

Spayed Female

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 right kidney measured 7.0 cm. The left kidney measured 7.2 cm.

AGE

3 Years

Adrenal Glands

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.1 cm length x 0.70 cm at the caudal pole.

WEIGHT

N/A

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.

INTERPRETED BY

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

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 primarily anechoic luminal content. The cystic and common bile ducts were normal.

IMAGING PERFORMED BY

Kelly Vazquez

Gastrointestinal

HOSPITAL NAME

Westwood Regional

The stomach exhibited intact, sonographically unremarkable wall layering with moderate retained anechoic to echogenic fluid present in the gastric lumen.

REFERRING VET

Dr. Taylor McConnell

The small intestine exhibited a strongly shadowing luminal echo subjectively in the mid to caudal abdomen. The echo measured approximately 3-4 cm in diameter. Associated intestinal distention along with retained chyme noted, indicative of ileus to potential mild obstructive pattern likely oral to the shadowing echo. Concurrent areas of empty small intestine likely aboral to the shadowing echo also present. No evidence of loss of intestinal wall layering, although likely inflammatory changes associated with the intestinal tract in the area of the shadowing echo.

INVOICE

34017

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

Pancreas

DATE

1/6/22

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.



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Free Abdomen

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Intermittent enlarged jejunal lymph nodes were present. Example measured 2.5 cm x 0.68 cm. These lymph nodes were homogenous, mildly hypochoic and smoothly marginated. A normal width: length ratio was maintained (<0.5). Evidence of perilymphatic inflammation was evident.

SPECIES

Canine

Small volume peritoneal free fluid and reactive peri intestinal mesentery noted.

ULTRASONOGRAPHIC FINDINGS

BREED

Doberman Pinscher

- Strongly shadowing intestinal echo with secondary mild intestinal dilation – consistent with foreign body.
- Associated intestinal ileus to mild obstructive pattern, likely oral to the shadowing echo, concurrent empty small intestine likely aboral
- Suspect mild peri intestinal peritonitis and small volume free fluid
- Intermittent, subjectively benign reactive to potential mildly inflamed jejunal lymphadenopathy

SEX

Spayed Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

3 Years

Laparotomy with expectation toward enterotomy recommended. Associated inflammatory intestinal mural changes were present. However, potential for resection and anastomosis (depending upon the time in which the foreign body has been present) as well as gross inspection of the intestine could not be definitively excluded. Perioperative antibiotic use recommended given the potential for peritonitis.

WEIGHT

N/A

INTERPRETED BY

R. McKenzie Daniel,
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(Canine and Feline)

IMAGING PERFORMED BY

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HOSPITAL NAME

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REFERRING VET

Dr. Taylor McConnell

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SPECIES

Canine

BREED

Doberman Pinscher

SEX

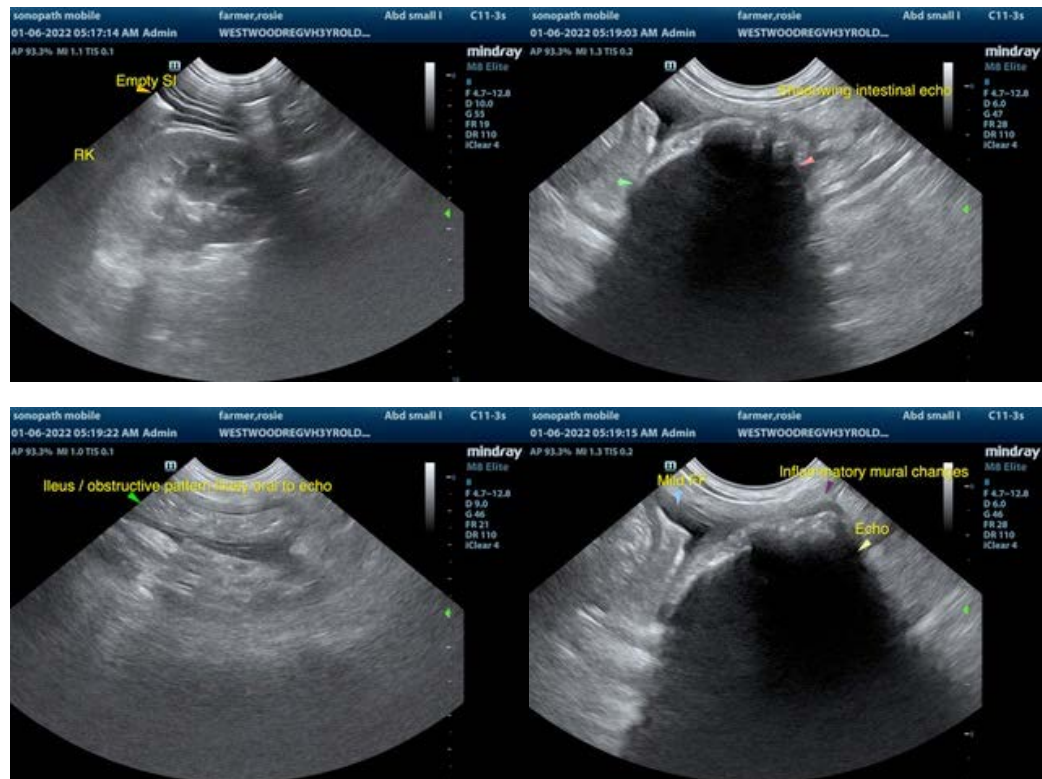
Spayed Female

AGE

3 Years

WEIGHT

N/A



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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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