



PATIENT PRESENTING CLINICAL SIGNS

Jax Lalji acute vomiting, moderate abdominal pain, concern for possible FB (did eat a sock) meds: metronidazole, ampicillin, cerenia, famotidine

SPECIES Abnormal PE/Chem/CBC/UA Results

Canine **ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

BREED *Urinary System*

Doberman The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra 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

MN

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 7.8 cm in length. The right kidney measured 7.3 cm in length.

AGE

2yr

The area of the aortic trifurcation was free of pathology.

WEIGHT

77.8lb

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.46 cm width at the caudal pole and 2.6 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 0.59 cm width at the caudal pole and 2.9 cm width at the cranial 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

Kelly Reschny

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.

HOSPITAL NAME

Lakeshore Woods AH

REFERRING VET

Dr. Masoud

Gastrointestinal

The stomach presented mild wall thickening secondary to echogenic mucosa hypertrophy. Intact wall layering was maintained and distinct. Mild gastric distension with primarily anechoic fluid was present. No overt evidence of mechanical pyloric outflow obstruction was present.

INVOICE

12272ag

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. Segmental to variable small intestinal ileus pattern was present with a segmental strongly shadowing luminal echo measuring ~ 6 cm in length x 3.0 cm in diameter. This echo was subjectively in the mid to caudal

DATE

11/28/2022



PATIENT abdominal intestinal segments suggestive of possible jejunal or ileal location. Concurrent segments of empty small intestine were also noted.

Jax Lalji

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

SPECIES *Pancreas*

Canine

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.

BREED

Free Abdomen

Doberman

No evidence of peritonitis, overt lymphadenopathy or peritoneal effusion was present.

SEX **ULTRASONOGRAPHIC FINDINGS**

MN

- Intestinal foreign body with mild to variable proximal obstructive pattern

AGE

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

2yr

Exploratory laparotomy with enterotomy is recommended given the strongly shadowing intestinal luminal echo consistent with foreign body, proximal obstructive pattern and reported abdominal pain. Intestinal biopsies may be considered to assess for underlying intestinal disease despite exploratory findings.

WEIGHT

77.8lb

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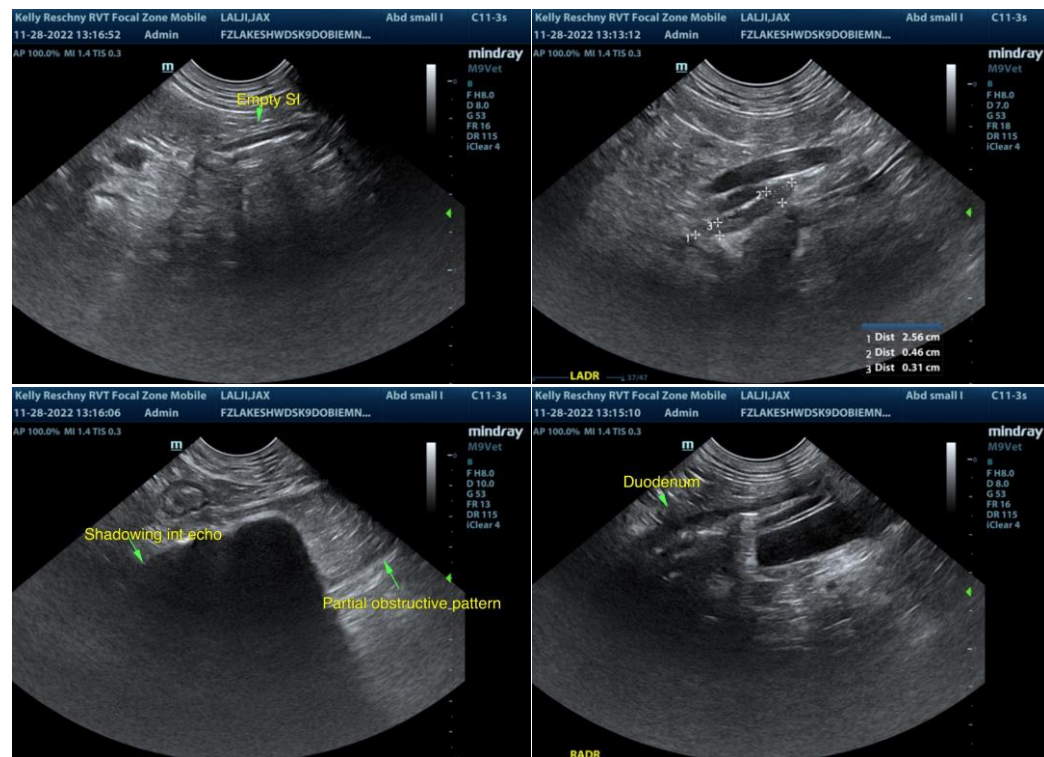
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SPECIES

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BREED

Doberman

SEX

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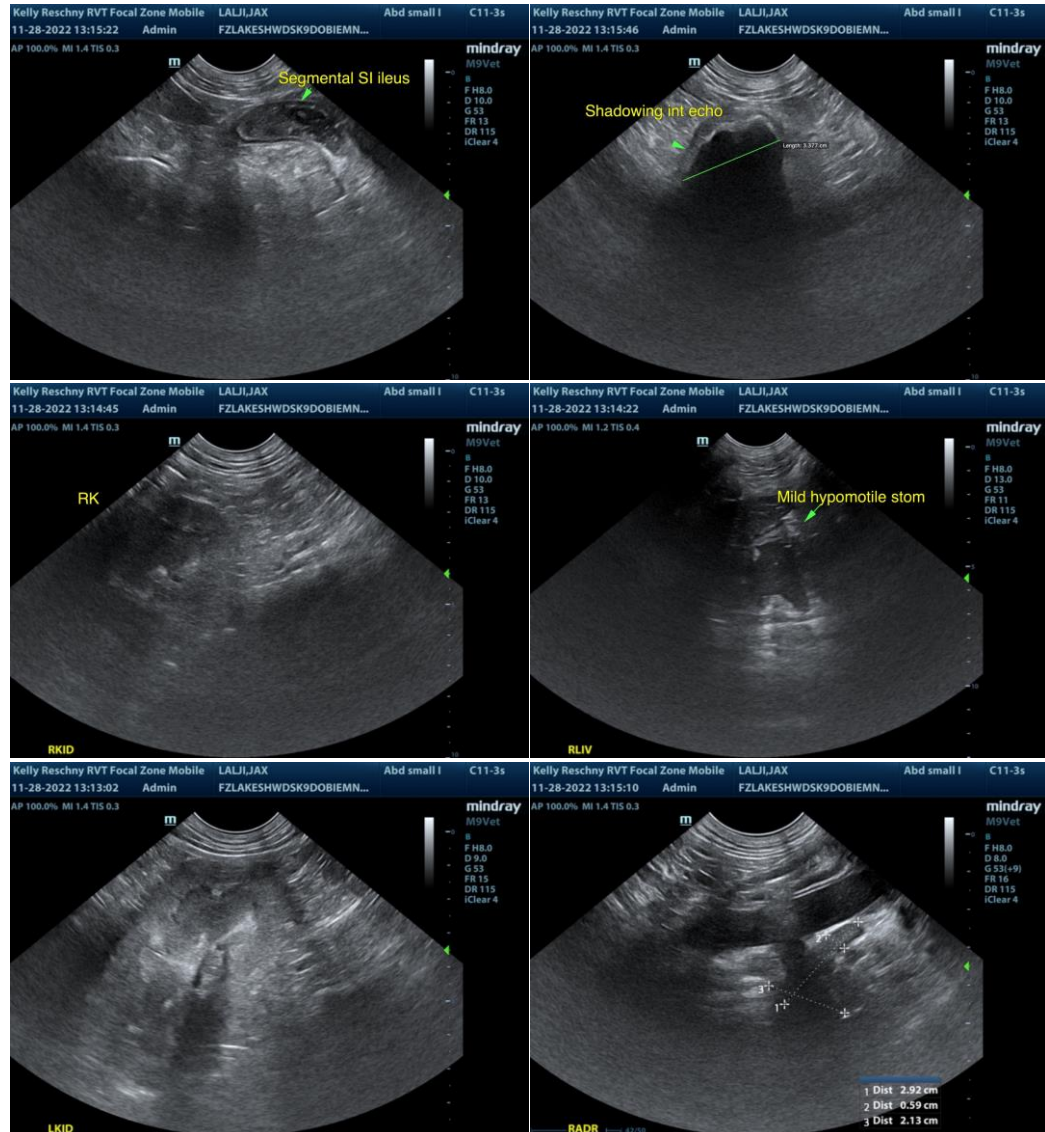
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)

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