

PATIENT PRESENTING CLINICAL SIGNS

Johnny Harria-Burbank Possible foreign body

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

BREED

Standard Poodle

SEX

Neutered Male

AGE

1 Year

WEIGHT

26 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Pamela Harrigan, RDCE

HOSPITAL NAME

New England AMC

REFERRING VET

Dr. Frances Aniemeke

INVOICE

38438

DATE

6/6/22

Urinary System

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.

Normal size and margination was 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 6.8 cm. The right kidney measured 6.0 cm.

Adrenal Glands

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.36 cm at the cranial pole and 0.46 cm at the caudal pole. The right adrenal gland measured 0.55 cm at the cranial pole and 0.41 cm at the caudal 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 primarily anechoic luminal content. The cystic and common bile ducts were normal.

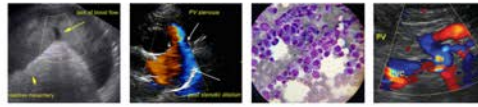
Gastrointestinal

The stomach presented moderate fluid dilation with multiple hyperechoic linear like luminal echoes. A strongly shadowing echo was noted in the area of the antrum and pylorus, measuring approximately 3.0-3.5 cm in diameter.

The small intestine presented intact wall layering with subjectively maintained 1:3 muscularis/mucosa ratio. A strongly shadowing echo was noted in the duodenum, extending into the subjective upper to mid jejunum. Concurrent segmental jejunal corrugation to plication present. Segments of empty, normal appearing jejunum and ileum to the level of the colon were present without evidence of mechanical/metabolic ileus, additional shadowing echoes, or evidence of corrugation or plication.

The colon was overtly normal, containing luminal gas and subjective mild shadowing fecal mater

Subtle evidence of peri intestinal reactive mesentery. No evidence of peritoneal free fluid or obvious peritonitis.



PATIENT *Pancreas*

Johnny Harria-Burbank

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

Intermittent, mildly prominent to enlarged mesenteric nodes were present. Example measured 3.0 cm x 0.9 cm. The lymph node was essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5).

BREED

Standard Poodle

ULTRASONOGRAPHIC FINDINGS

SEX

- Marked fluid distended stomach with multiple hyperechoic linear like echoes, strongly shadowing echo noted in antrum/pylorus.
- Concurrent strongly shadowing duodenal echo extending into subjective upper to mid jejunum with segmental jejunal corrugation/plication.
- Intermittent subjectively benign/reactive mesenteric lymph nodes, no overt peritonitis.

Neutered Male

AGE

1 Year

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

26 kg

This study is consistent with upper to mid gastrointestinal foreign body suspected to be anchored in the antrum/pylorus, extending into the duodenum and upper to mid jejunum with secondary segmental jejunal corrugation/plication. Potential linear like component to the foreign body, associated with segmental areas of jejunal corrugation and plication. Empty small intestine distal to the level of the colon. Possibility of passed foreign material within the colon cannot be definitively excluded.

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Exploratory laparotomy with expectation for gastrotomy and potential multiple enterotomies indicated.

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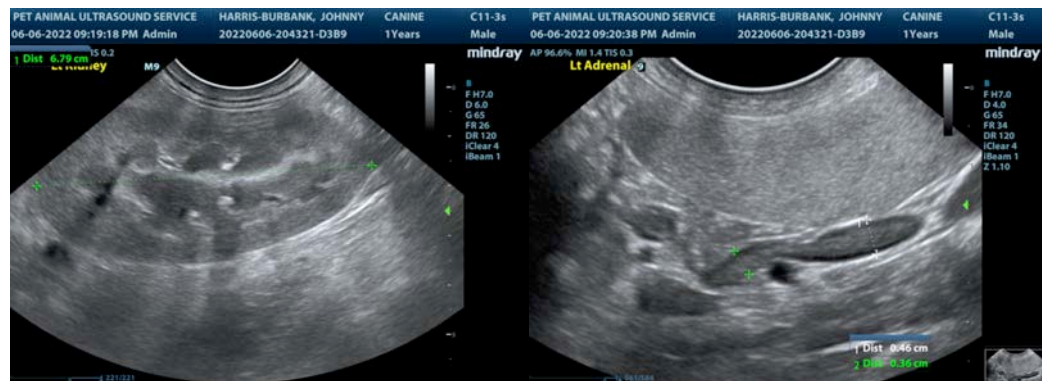
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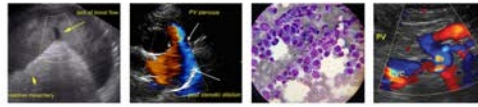


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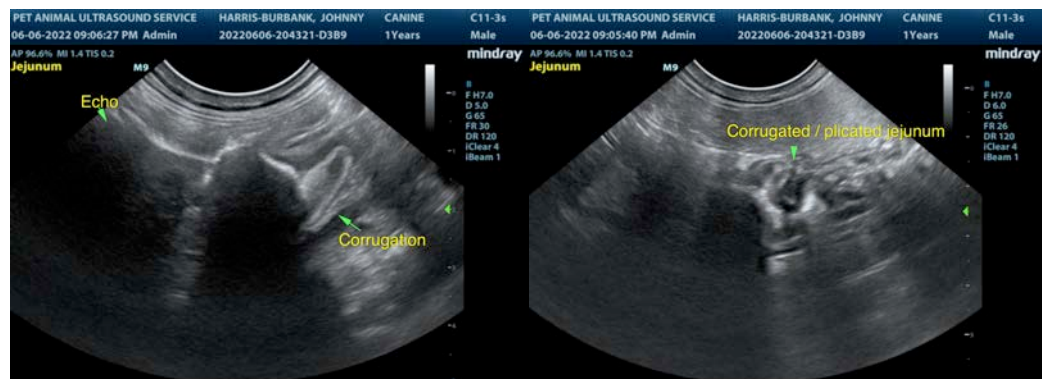
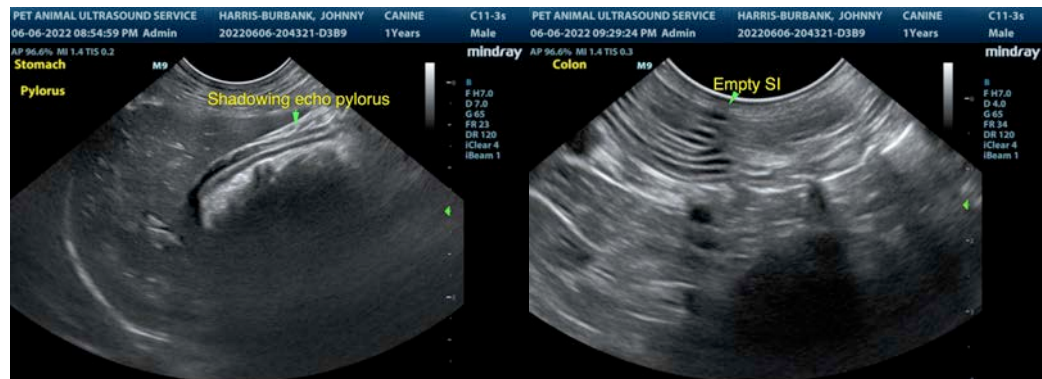
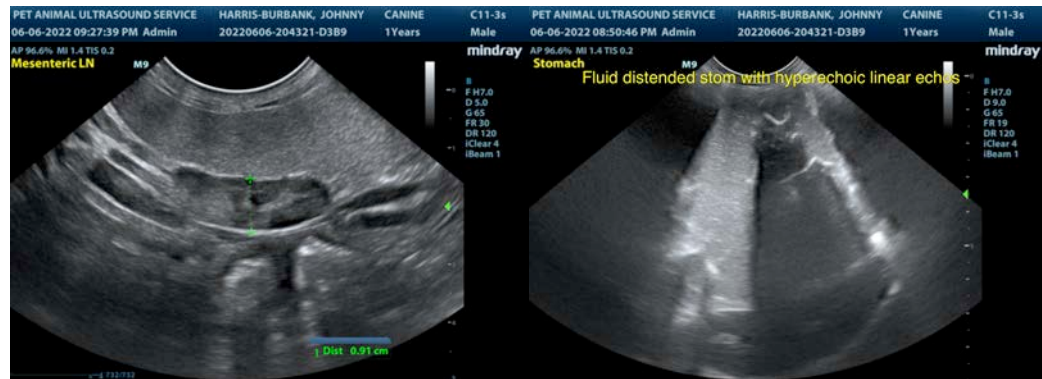
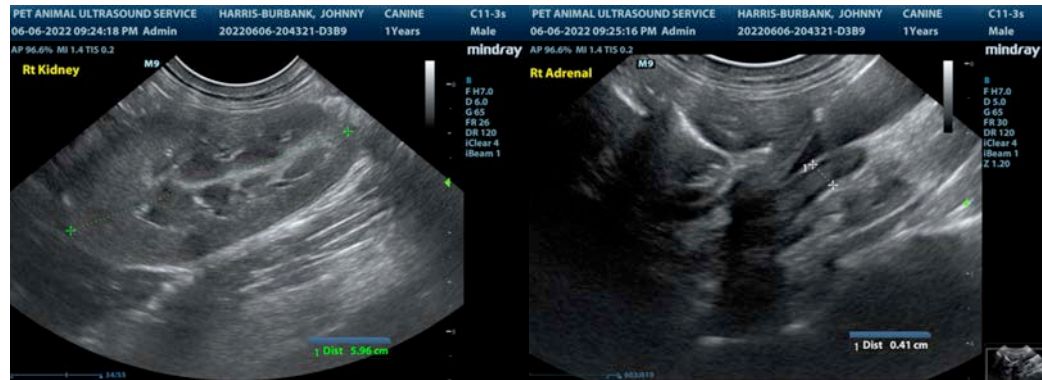
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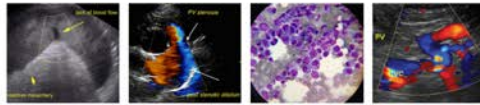
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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