

PATIENT PRESENTING CLINICAL SIGNS

Olive Irwin Vomiting began about 2 weeks ago but was only once a day. Vomited 10+ times yesterday and is acting painful and lethargic now. Indoor only cat that was eating a plant in the house (Angel Vine).
SPECIES Buprenorphine, SQ fluids and Cerenia administered yesterday. She is no longer vomiting but is lethargic and anorexic. Cerenia once yesterday. Buprenorphine SR concern for FB

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED *Urinary System*

DSH

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 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.

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 left kidney measured 3.8 cm. The right kidney measured 3.5 cm.

AGE

2 Years

WEIGHT

8.9 Pounds

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.35 cm in width. The right adrenal gland measured 0.25 cm in width.

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

Jenna Walsh

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

Edgewood Animal
Clinic

REFERRING VET

Dr. Kimball

Gastrointestinal

The stomach exhibited marked distention secondary to retained anechoic fluid extending into the pyloric outflow. No evidence of gastric ingesta, foreign material or mechanical pyloric outflow obstruction.

INVOICE

25681

The small intestine exhibited intact wall layering and primarily maintained 1:3 muscularis/mucosa ratio. Moderate duodenal to upper jejunal fluid dilation was present. Subjective multiple areas of strongly shadowing intestinal echoes were noted in the mid to caudal abdomen. Suspected segmental areas of intestinal plication were present. Subtle evidence of peri intestinal reactive mesentery noted. No evidence of concurrent effusion or overt evidence of intestinal plication. Mild inflammatory pattern noted in the segments of intestine containing the strongly shadowing luminal echoes, yet subjective intact wall layering was maintained.

DATE

9/17/21



PATIENT

The upper colon contained subjective non-formed feces, whereas the descending colon contained luminal gas and subjective semiformed to formed feces.

Olive Irwin

Pancreas

SPECIES

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.

Feline

BREED

ULTRASONOGRAPHIC FINDINGS

DSH

- Marked gastric fluid distention with segmental, likely upper to mid intestinal obstructive pattern

SEX

- Multiple areas of strongly shadowing intestinal echoes – suspect segmental intestinal plication

Spayed Female

- Mild peri intestinal reactive mesentery, no overt peritonitis

AGE

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

2 Years

This study is consistent with potential multiple intestinal luminal shadowing echoes consistent with foreign material with mid to upper intestinal and gastric obstructive pattern. Potential for indistinct linear foreign body with secondary intestinal plication possible, although not definitive. Exploratory laparotomy as soon as the patient is stabilized with expectation toward potential multiple enterotomies and gross inspection of the remainder of the intestinal tract recommended. Intestinal biopsies may be considered at the time of surgery to assess for underlying intestinal disease sometimes seen with PICA, or based on gross appearance of the intestinal tract.

WEIGHT

8.9 Pounds

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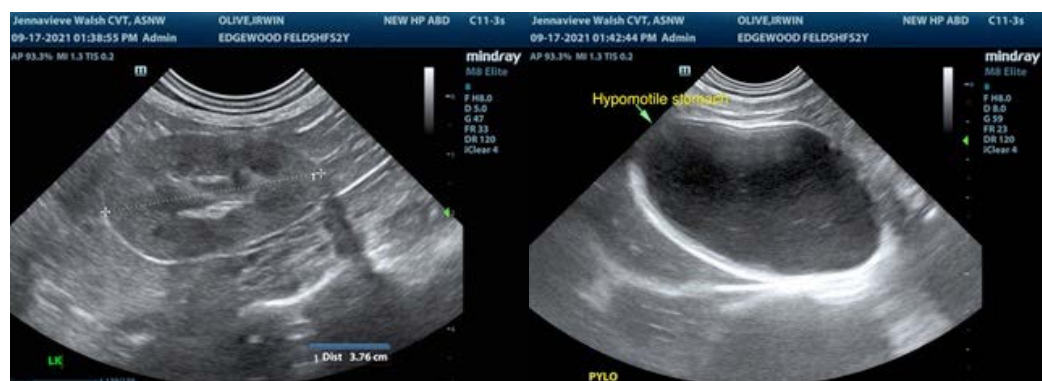
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PATIENT

Olive Irwin

SPECIES

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Spayed Female

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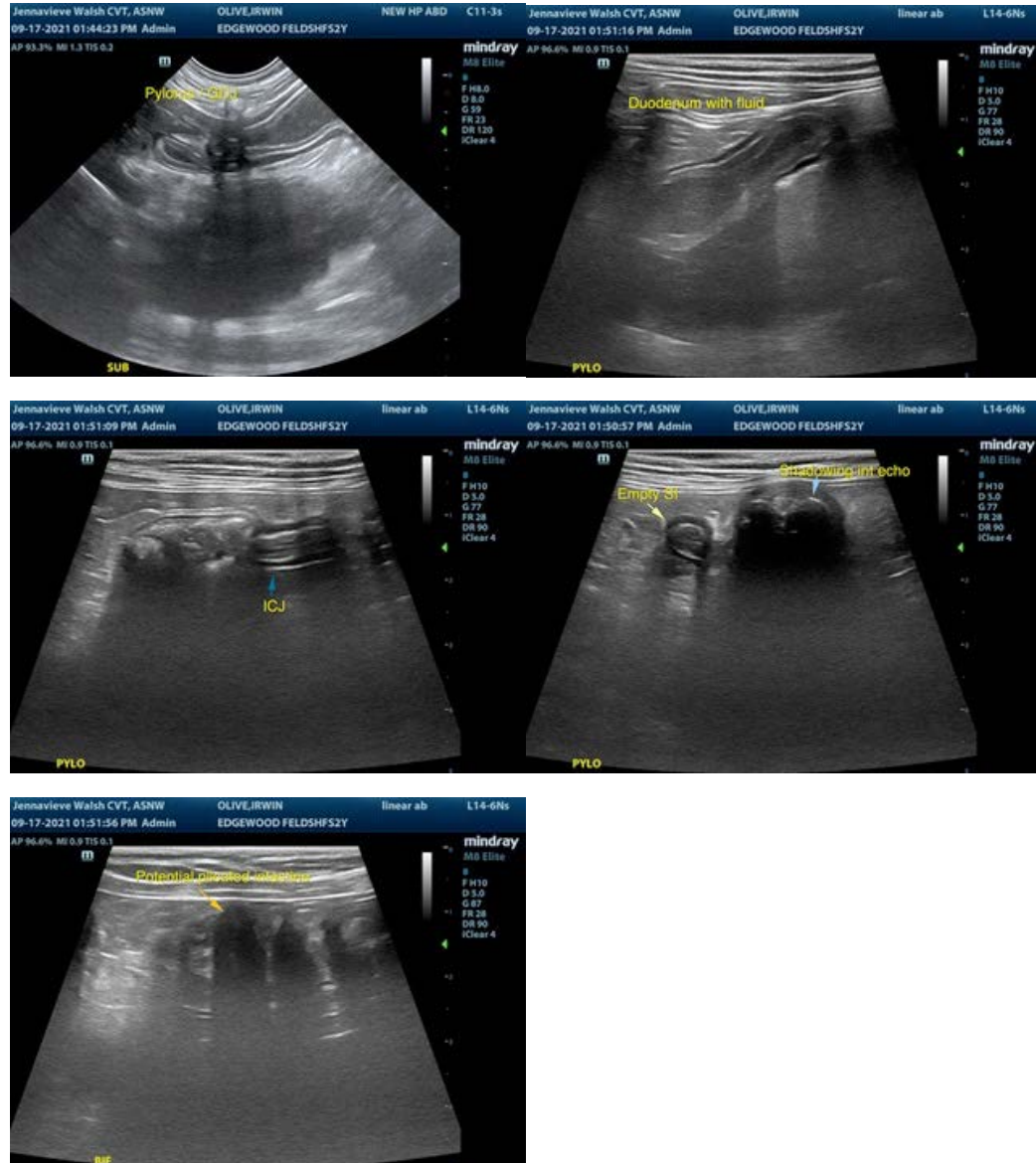
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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