

PATIENT PRESENTING CLINICAL SIGNS

Louie Lapat Qar, tight abdomen, tacky pale mm

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine *Urinary System*

BREED 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 The prostate was of expected size and presentation for a young intact male canine.

Male Intact No evidence of pathology in the area of the aortic trifurcation.

AGE 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 5.8 cm in length. The right kidney measured 6.3 cm in length.

WEIGHT *Adrenal Glands*
32.8

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.40 cm width at the caudal pole and 0.35 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 0.40 cm width at the caudal pole and 0.88 cm width at the cranial pole.

INTERPRETED BY

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

Spleen

IMAGING PERFORMED BY

Jenna Walsh, CVT

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

HOSPITAL NAME

Pawsitive Wellness
Veterinary care

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.

REFERRING VET

Dr. Hardy

Gastrointestinal

INVOICE

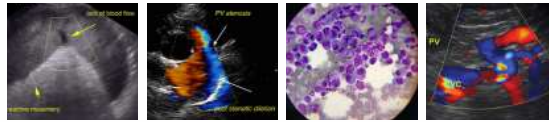
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The stomach exhibited intact yet subjective mild prominent wall layering with mild to moderate volume retained anechoic fluid along with mild chyme present in the stomach lumen. No overt evidence of shadowing echo or obvious gastric foreign material. The gastric body wall measured 0.42 cm width.

DATE

1-24-22

The small intestine exhibited strongly shadowing segmental luminal echo subjectively within the intestinal tract within the mid abdomen suggestive of distal duodenal or jejunal location. The strongly shadowing echo measured approximately 4.0-5.0 cm in length x 1.0-2.0 cm in width. Moderate retained primarily anechoic fluid present in the segmental intestine suspected to be proximal to the strongly



PATIENT	shadowing intestinal luminal echo. Concurrently empty small intestine suspected to be distal to the strongly shadowing echo also present. The small intestine exhibited generalized intact wall layering and maintained 1:3 muscularis/mucosa ratio. The duodenum wall measured 0.38 cm width. The jejunum wall measured 0.23 cm width.
Louie Lapat	
SPECIES	Normal visible colon wall layers were present with apparent formed feces in lumen.
Canine	Pancreas
BREED	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.
Doodle	
SEX	Free Abdomen
Male Intact	Minor volume peritoneal free fluid was present.
AGE	Regional to generalized primarily peri-intestinal reactive mesentery was noted.
7 Months	Intermittent mesenteric lymph nodes were present noted adjacent to the intestinal shadowing echo. The lymph nodes were essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). An example of a mesenteric lymph node measured 1.6 x 0.87 cm.
WEIGHT	Rapid view of the heart revealed no evidence of pericardial masses or effusion in the visible window.
32.8	
INTERPRETED BY	ULTRASONOGRAPHIC FINDINGS
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	Primary
IMAGING PERFORMED BY	<ul style="list-style-type: none">Strongly shadowing intestinal luminal echo with concurrent likely proximal segmental obstructive intestinal pattern.Associated primarily peri-intestinal reactive mesentery and scant free fluid.Associated mild mesenteric lymphadenopathy - lymphoid hyperplasia or minor lymphadenitis possible.
Jenna Walsh, CVT	INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
HOSPITAL NAME	The findings in this study are consistent with small intestinal obstructive to partially obstructive foreign body with secondary mild to moderate proximal gastrointestinal obstructive pattern. The mesentery around the small intestine may suggest secondary reactive omental changes and mild free fluid although potential for peritonitis cannot be definitively excluded.
Pawsitive Wellness Veterinary care	Laparotomy with expectation toward enterotomy or potential enterotomies depending on gross appearance of the intestinal tract recommended. Gross inspection of the entire gastrointestinal tract advised although overt gastric foreign material was not definitively evident.
REFERRING VET	
Dr. Hardy	
INVOICE	The possibility of potential resection anastomosis given maintained intact wall layering considered unlikely yet cannot be definitively excluded and would be determined by gross appearance of the intestinal tract at the time of surgery.
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PATIENT

Louie Lapat

SPECIES

Canine

BREED

Doodle

SEX

Male Intact

AGE

7 Months

WEIGHT

32.8

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DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Jenna Walsh, CVT

HOSPITAL NAME

Pawsitive Wellness
Veterinary care

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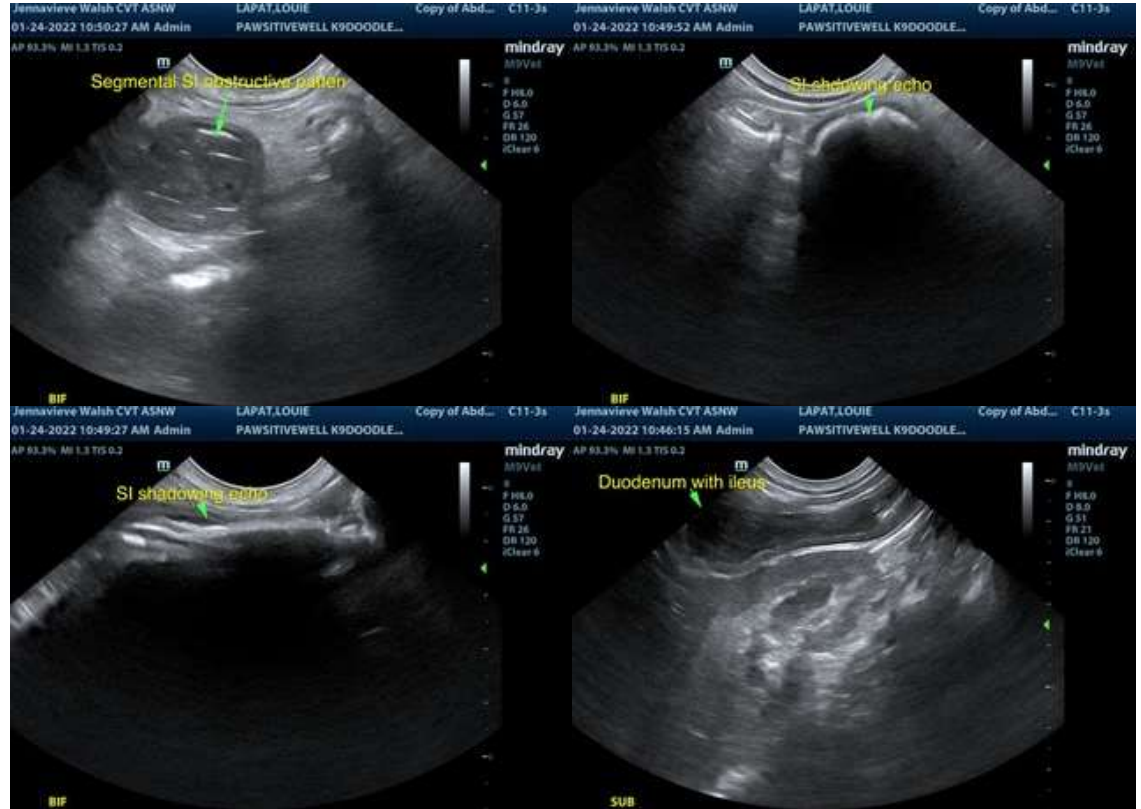
Dr. Hardy

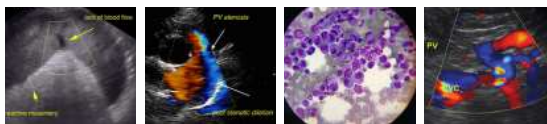
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Canine

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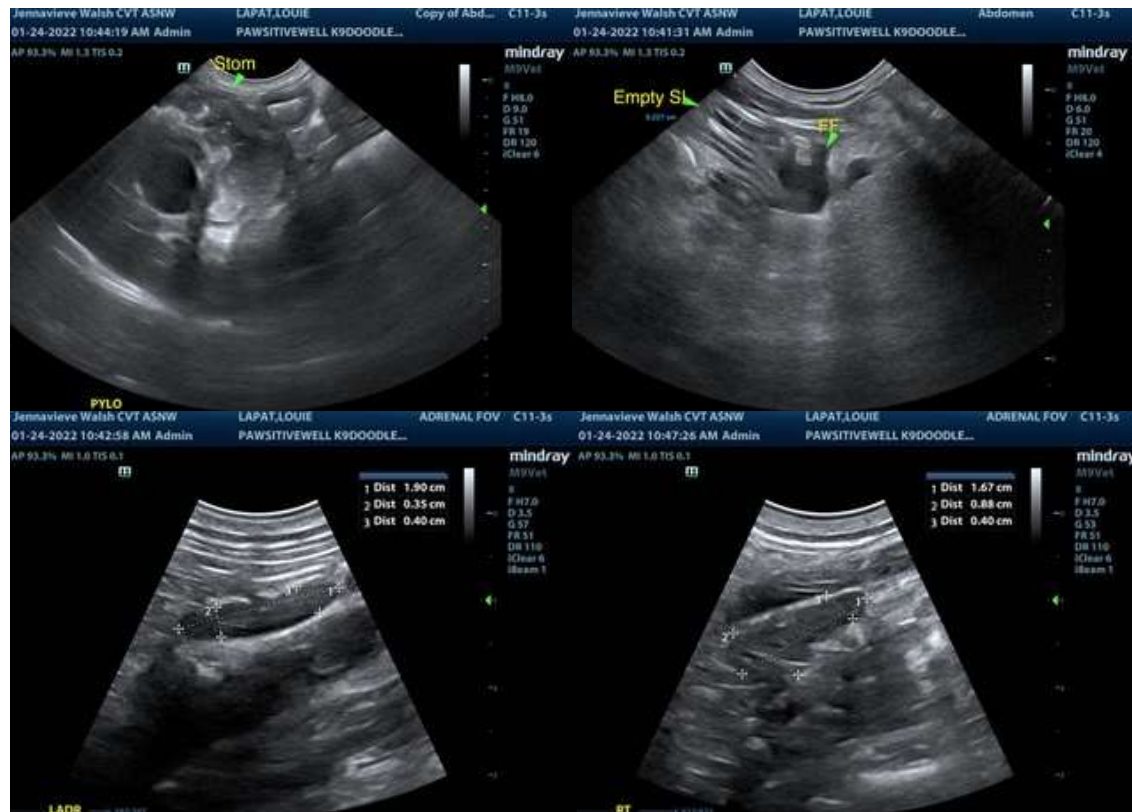
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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