



PATIENT PRESENTING CLINICAL SIGNS

Penelope Patterson Vomiting/ Possible Diarrhea - Gastroenteritis - Pyometra - Dietary indiscretion Vaginal Estrus Smear - normal

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED

Pug

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

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 5.2 cm. The left kidney measured 4.6 cm.

AGE

11 Months

The area of the aortic trifurcation was free of pathology.

WEIGHT

16.5

Adrenal Glands

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 1.6 cm length x 0.32 cm at the caudal pole. The right adrenal gland measured 1.9 cm length x 0.39 cm at the caudal 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

Jenna Walsh, CVT

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

The Ark Vet Clinic

Gastrointestinal

REFERRING VET

Dr. Byers

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild to moderate echogenic, nonshadowing ingesta most consistent with post prandial presentation without signs of ileus, obstruction or foreign material. Gastric body wall measured 0.37 cm.

INVOICE

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The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material. Duodenum wall measured 0.47 cm. Jejunum wall measured 0.38 cm.

DATE

10/20/21

Normal visible colon wall layers were present with subjective soft feces present. Colon wall measured 0.20 cm.



PATIENT *Pancreas*

Penelope Patterson

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

BREED

Pug

The uterus exhibited subtle prominent size and primarily empty uterine lumen without evidence of intraluminal fluid accumulation.

SEX

Female

- Sonographically unremarkable gastrointestinal tract with mild gastric ingesta
- Subjectively normal uterus in light of recent parturition

AGE

11 Months

ULTRASONOGRAPHIC FINDINGS

WEIGHT

16.5

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
 No evidence of significant visceral pathology noted in this study. Dietary intolerance/food hypersensitivity, dietary indiscretion, occult parasitism, gastroenteritis or structurally insignificant inflammatory bowel episode, or potential emerging IBD possible. Supportive care for gastroenteritis should prove effective. Broad-spectrum deworming (i.e., Panacur 50 mg/kg SID for 5 consecutive days with potential repeat protocol in 3 weeks even if fecal testing is negative) may be considered. Although considered unlikely, screening cortisol level is recommended if persistent or recurrent gastrointestinal signs are noted to rule out occult Addison's disease.

INTERPRETED BY

R. McKenzie Daniel,
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(Canine and Feline)



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PATIENT

Penelope Patterson

SPECIES

Canine

BREED

Pug

SEX

Female

AGE

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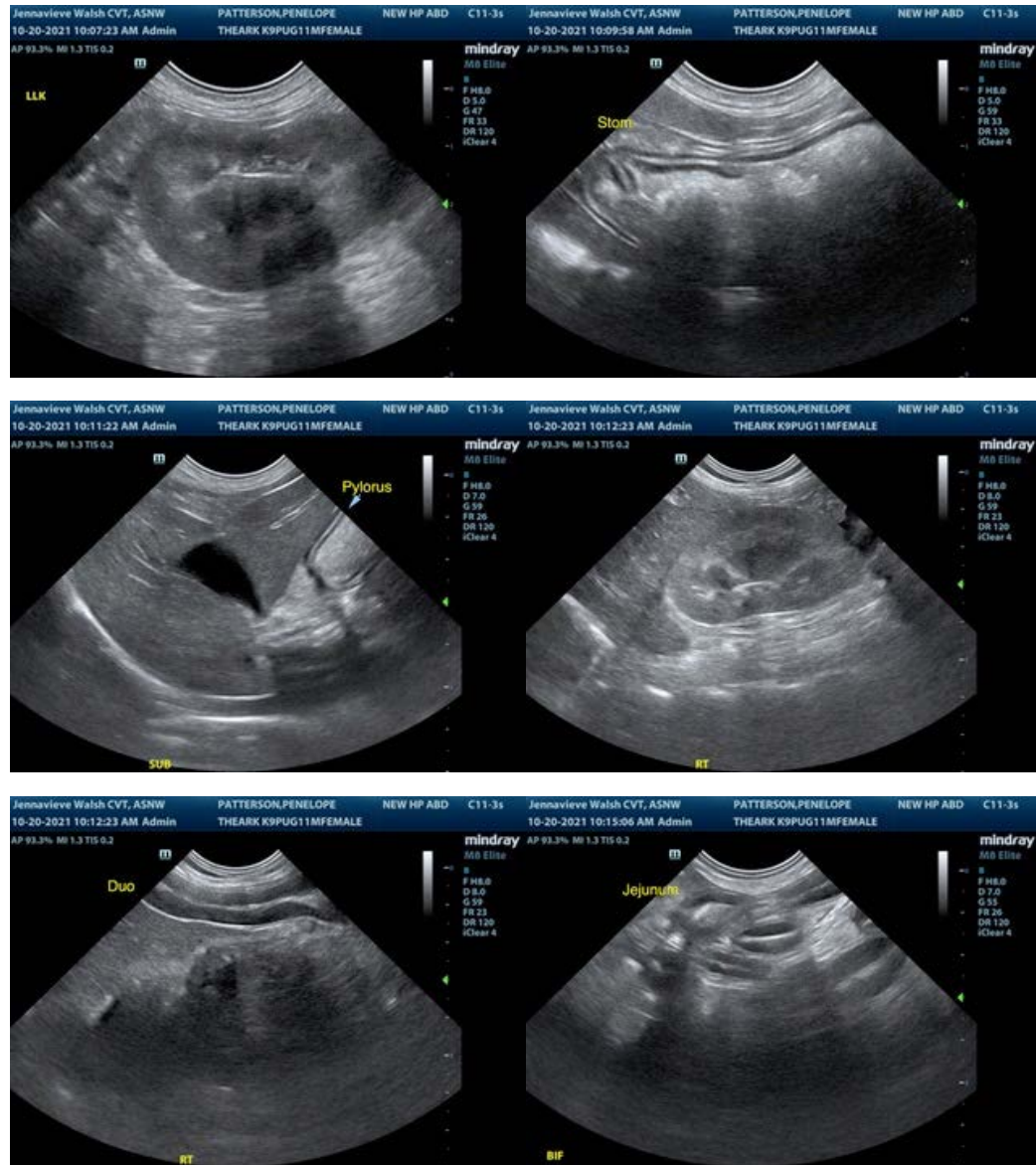
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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