



PATIENT	PRESENTING CLINICAL SIGNS
Oreo Parker	Suspect history of pancreatitis, chronic vomiting. Tense abdomen
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Canine	Urinary System The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3 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.
BREED	
Rat Terrier	
SEX	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 4.4 cm in length. The right kidney measured 5.0 cm in length.
MN	
AGE	
7yr	The area of the aortic trifurcation was free of pathology.
WEIGHT	The area of the residual prostate appeared normal and free of pathology measuring 0.50 cm in diameter.
7.1kg	Adrenal Glands The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.42 cm width at the caudal pole and 1.7 cm length. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.55 cm width at the caudal pole and 1.9 cm length.
INTERPRETED BY	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.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	
IMAGING PERFORMED BY	Liver/Gallbladder 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.
Jenna Walsh CVT	
HOSPITAL NAME	Gastrointestinal The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.
Wilvet Salem	
REFERRING VET	DATE 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.
Dr. Mikhaleva	02/15/2023
INVOICE	
12982ag	



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

Oreo Parker **Pancreas**

SPECIES The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

Canine **Free Abdomen**

BREED No omental masses, overt lymphadenopathy or peritoneal effusion was present.

Rat Terrier **ULTRASONOGRAPHIC FINDINGS**

- SEX**
- Heterogenous pancreas
 - Sonographically unremarkable GI tract

MN

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE Sonographically the appearance of the appearance was not consistent with active or significant pancreatitis exhibiting minor parenchymal remodeling which may suggest previous inflammatory episode or possible low-grade/chronic pancreatitis which may present sonographically normal.

7yr

WEIGHT Considerations may also include low-grade gastritis/gastroenteritis, inflammatory bowel if evidence of weight loss, dietary indiscretion, less likely occult parasitism given lack of diarrhea or occult Addison's disease.

7.1kg

INTERPRETED BY As needed GI support, bland or hydrolyzed diet trial, gastroprotectants +/- empirical deworming recommended. A GI panel to include PLI/TLI/Cobalamin/Folate is recommended. Although considered unlikely considering normal adrenal presentation, a resting cortisol level to rule out occult Addison's disease is recommended.

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

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PATIENT

Oreo Parker

SPECIES

Canine

BREED

Rat Terrier

SEX

MN

AGE

7yr

WEIGHT

7.1kg

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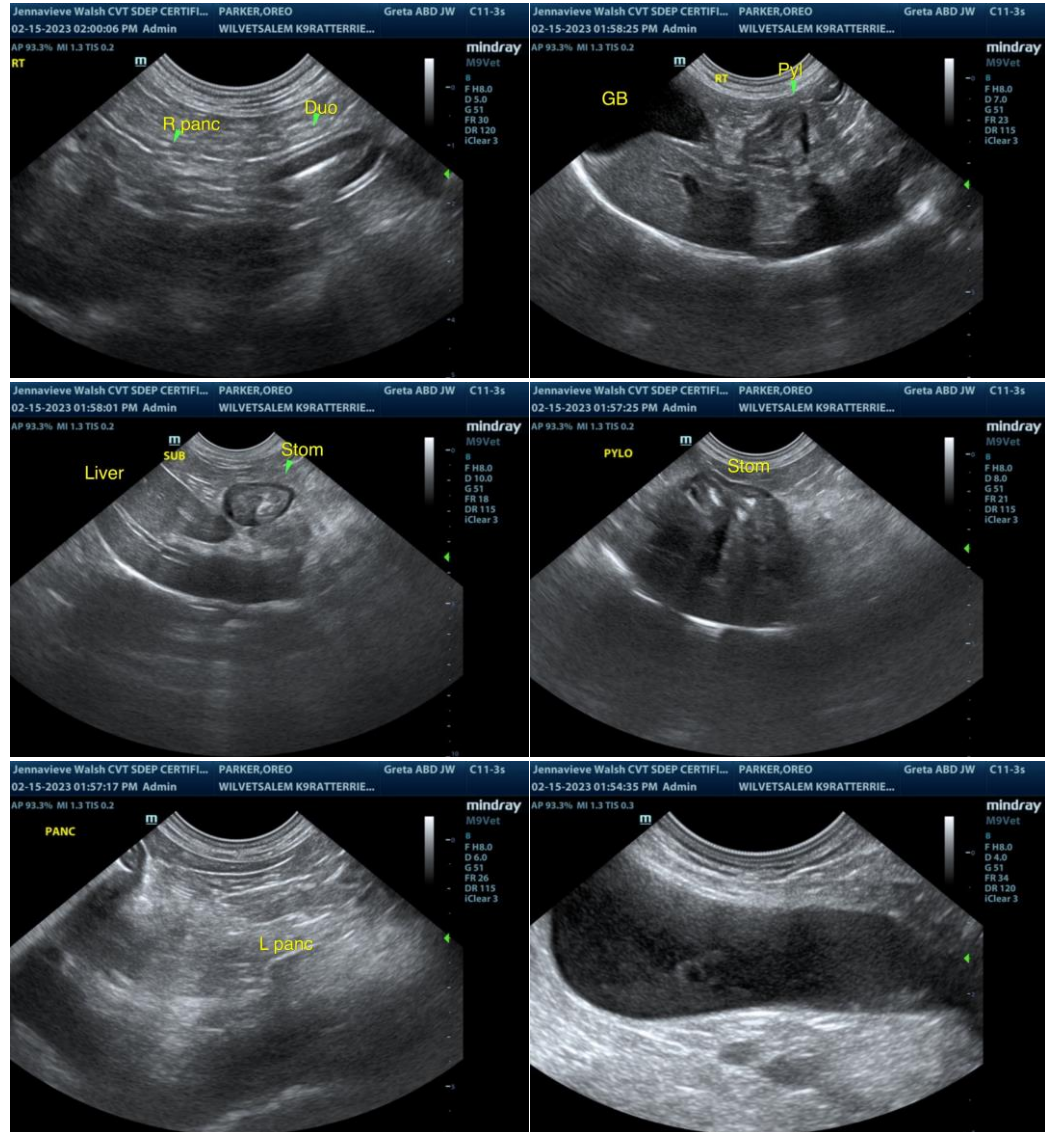
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PATIENT

Oreo Parker

SPECIES

Canine

BREED

Rat Terrier

SEX

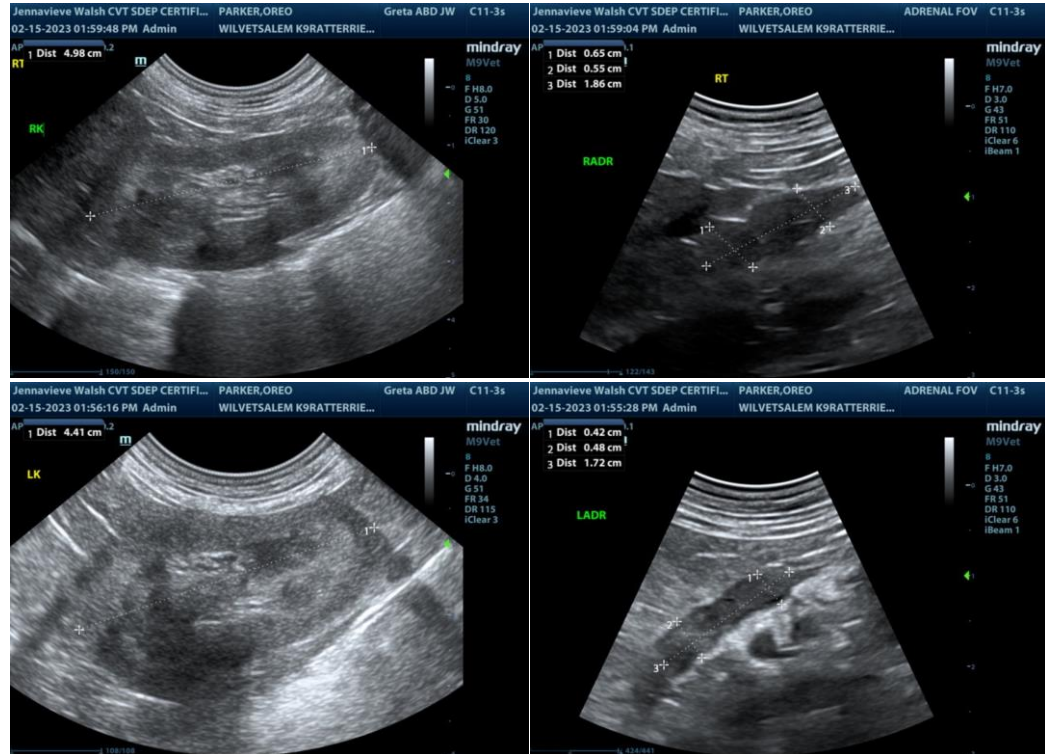
MN

AGE

7yr

WEIGHT

7.1kg



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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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