



PATIENT	PRESENTING CLINICAL SIGNS
Kaia Williams	History: suspect pancreatic inflammation, lethargy
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Canine	Urinary System
BREED	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 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. Aortic trifurcation was normal.
German Shepherd	No overt pathology in the area of the uterine remnant.
SEX	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 6.5 cm in length. The right kidney measured 7.3 cm in length.
Spayed Female	Adrenal Glands
AGE	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.9 cm in length x 0.42 cm width at the caudal pole.
3 Years	The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 2.7 cm in length x 0.70 cm width at the caudal pole.
WEIGHT	Spleen
65 Pounds	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.
INTERPRETED BY	Liver
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	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.
IMAGING PERFORMED BY	The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.
Jenn	Gastrointestinal
HOSPITAL NAME	The stomach presented mildly prominent wall thickening secondary to mildly prominent gastric mucosa. Intact wall layering was maintained and distinct. The stomach wall measured 0.60 cm width. Mild gastric distension with mild retained anechoic fluid was present.
Rockaway AH	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. The duodenum wall measured 0.39 cm.
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PATIENT Normal visible colon wall layers were present with apparent formed feces in lumen.

Kaia Williams **Pancreas**

SPECIES The pancreas was normal in size and contour with subtle hypoechoic to heterogeneous parenchyma compared to adjacent omentum.

Canine **Free Abdomen**

No overt lymphadenopathy or peritoneal effusion was present.

BREED **ULTRASONOGRAPHIC FINDINGS**

German Shepherd

- Mild gastritis pattern
- Subtly hypoechoic to nonhomogeneous pancreas

SEX

Spayed Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

If patient is exhibiting gastrointestinal signs or anorexia, mild gastritis with potential gastric hypomotility and low-grade pancreatitis, if elevated pancreatic enzymes or elevated Spec CPL, could be present. No overt evidence of gastrointestinal obstructive pattern or foreign material. Supportive care should prove beneficial. Although considered unlikely, given the normal adrenal presentation, resting cortisol, to rule out occult Addisons disease could be considered if persistent lethargy and nonspecific clinical signs. Correlation with a full CBC/Chemistry panel and urinalysis is recommended, if not done.

3 Years

WEIGHT

65 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH

REFERRING VET

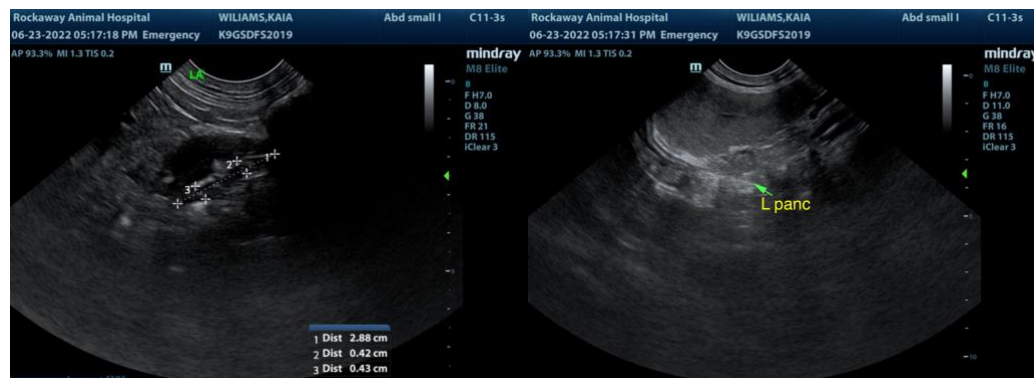
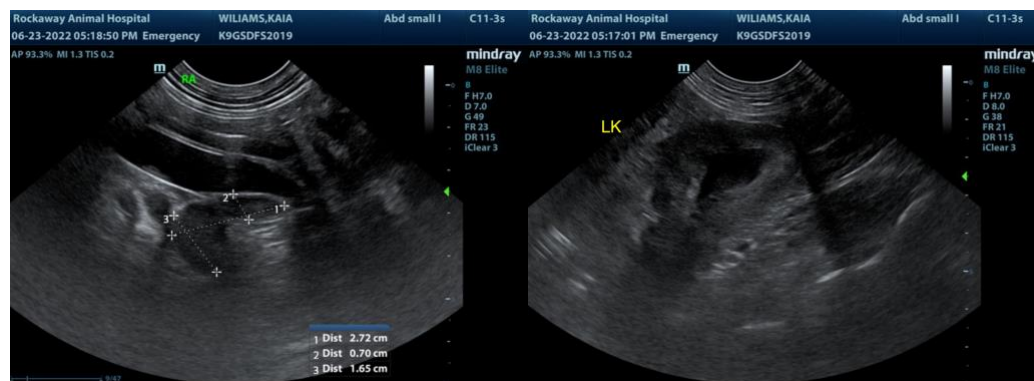
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PATIENT

Kaia Williams

SPECIES

Canine

BREED

German Shepherd

SEX

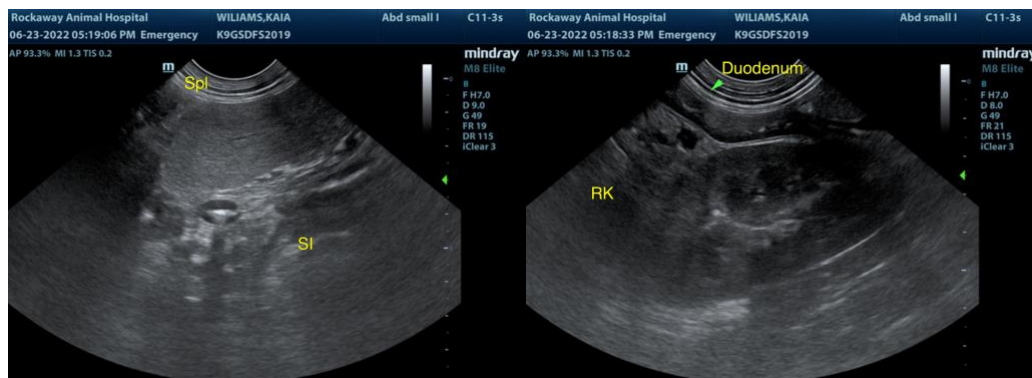
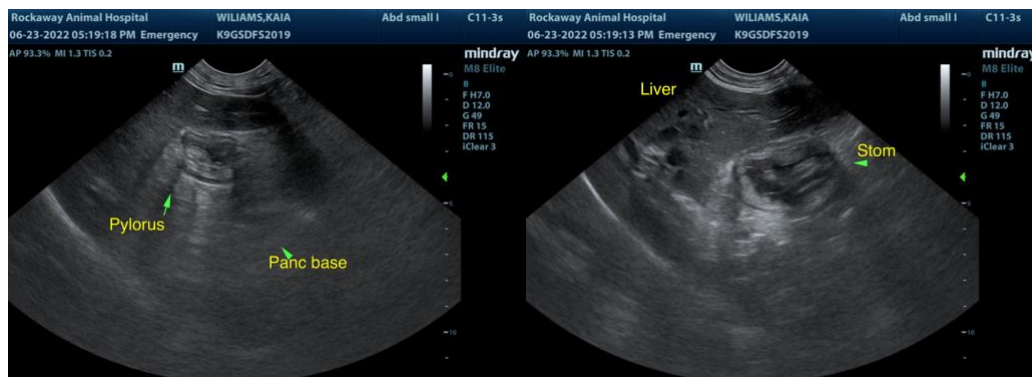
Spayed Female

AGE

3 Years

WEIGHT

65 Pounds



INTERPRETED BY

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

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH

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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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