



PATIENT	PRESENTING CLINICAL SIGNS
Mexico Wooster	recently diagnosed with thyroid dz increased liver values on BW
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Feline	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.
DSH	The left kidney was subnormal in size with marked chronic degenerative changes and loss of discernable corticomedullary architecture. The left kidney measured 2.4 cm.
SEX	Normal size and margination were present in the right kidney. Subtle right kidney cortical hypertrophy noted with normal cortical echogenicity. No evidence of pelvic dilation was present. The right kidney measured 4.4 cm.
Neutered Male	The area of the aortic trifurcation was free of pathology.
AGE	Adrenal Glands
14 Years	No overt pathology in the area of the left and right adrenal glands.
WEIGHT	Spleen
10	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 mild to moderately enlarged. 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.
IMAGING PERFORMED BY	Gastrointestinal
Jenn	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.
HOSPITAL NAME	REFERRING VET
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.
INVOICE	Normal visible colon wall layers were present with apparent formed feces in lumen.
26134	Pancreas
DATE	The pancreas was normal in size and contour with mildly hypoechoic parenchyma compared to adjacent omentum.
10/7/21	Free Abdomen
	No overt lymphadenopathy or peritoneal effusion was present.



PATIENT

Mexico Wooster

ULTRASONOGRAPHIC FINDINGS

- Left kidney advanced chronic degenerative changes
- Right kidney mild chronic changes with subtle cortical hypertrophy – potential minor compensatory hypertrophy.
- Hepatomegaly – subjectively benign
- Mildly hypoechoic pancreas – non-specific, age related changes, potential for low-grade chronic to chronic active inflammation.

SPECIES

Feline

BREED

DSH

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The elevated liver enzymes may indicate primary hepatopathy or secondary hepatopathy owing to thyroid disease. Considerations may include hepatic FNA (assuming normal clotting status) for screening cytology and potential identification of possible inflammatory cell type or reassessment of hepatic enzymes following hyperthyroid therapy. No overt evidence of hepatic neoplasia, which is considered an unlikely differential diagnosis.

SEX

Neutered Male

Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered. Monitoring of renal parameters during hyperthyroid therapy recommended given the appearance of the left kidney. Spec fPL may be considered.

AGE

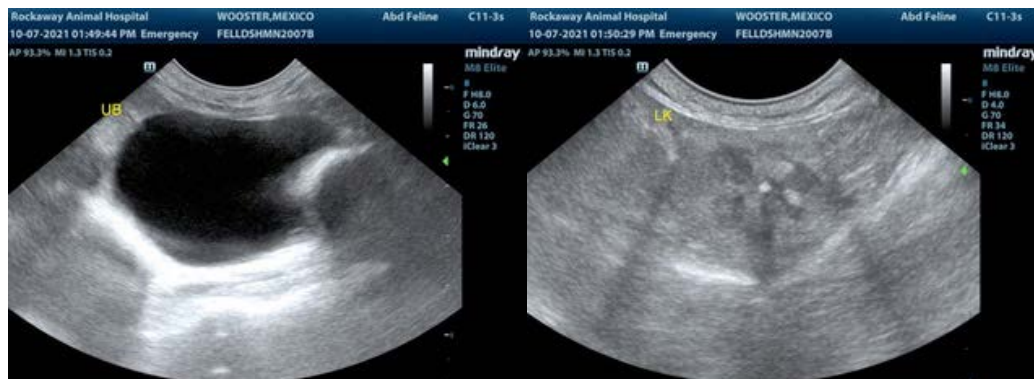
14 Years

WEIGHT

10

INTERPRETED BY

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



IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH



REFERRING VET

Dr. Maniar

INVOICE

26134

DATE

10/7/21



PATIENT

Mexico Wooster

SPECIES

Feline

BREED

DSH

SEX

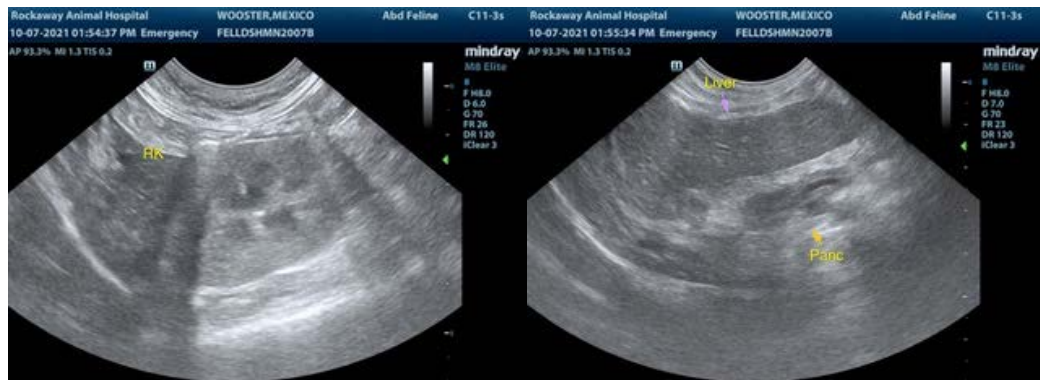
Neutered Male

AGE

14 Years

WEIGHT

10



INTERPRETED BY

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

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH

REFERRING VET

Dr. Maniar

INVOICE

26134

DATE

10/7/21

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com