



PATIENT	PRESENTING CLINICAL SIGNS
Shirley Schiller	U/S due to bloodwork
SPECIES	Abnormal PE/Chem/CBC/UA Results: ALT: 77, ALK: 800, BUN: 33, Creat: 0.8, GGT: 387, Urine: USG: 1.029, Trace protein, Blood 1+, prot/creat ratio: 0.2
Canine	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
BREED	Urinary System
Mini Poodle	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra exhibited normal thickness and tone. Mild asymmetrical luminal surface to micropolyploid changes were present likely associated with age related mural changes. Possible minor ventroapical to dorsoapical cystitis pattern noted. 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 neoplastic changes were noted.
SEX	
FS	
AGE	Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and moderate loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. Bilateral small cortical cysts were present. The left kidney measured 4.5 cm in length. The right kidney measured 4.7 cm in length.
15.5yr	
WEIGHT	The area of the aortic trifurcation was free of pathology.
16lb	Adrenal Glands
INTERPRETED BY	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.58 cm width at the caudal pole and 2.1 cm length. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.41 cm width at the caudal pole and 1.6 cm length.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	Spleen
IMAGING PERFORMED BY	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.
A. Rodriguez	Liver/Gallbladder
HOSPITAL NAME	The liver presented enlarged in size. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with primarily anechoic luminal content and moderate inspissated variable hyperechoic subtly shadowing debris. The cystic and common bile ducts were normal.
Foxfield Veterinary Services	Gastrointestinal
REFERRING VET	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.
A. Rodriguez	
INVOICE	
13179ag	
DATE	
03/14/2023	



PATIENT

Shirley Schiller

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.

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

SPECIES

Canine

Pancreas

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.

BREED

Mini Poodle

Free Abdomen

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

SEX

FS

ULTRASONOGRAPHIC FINDINGS

- Moderate chronic renal changes with cortical cysts.
- Normal bilateral adrenal glands.
- Non-specific benign hepatopathy-vacuolar hepatopathy, inflammatory disease, cholestasis or other without evidence of post hepatic obstructive criteria. No evidence of neoplastic disease.
- Moderate inspissated gallbladder debris-not consistent with mucocele criteria

AGE

15.5yr

WEIGHT

16lb

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered. Hepatosupportive medications such as Denamarin and Ursodiol with monitoring of hepatic response/cholestasis would be reasonable.

INTERPRETED BY

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

Assuming normal clotting status a hepatic FNA for screening cytology could be considered. Sonographic monitoring of the gallbladder is likely ideal if especially if evidence of cranial abdominal or subxiphoid discomfort on palpation or increasing cholestasis.

IMAGING PERFORMED BY

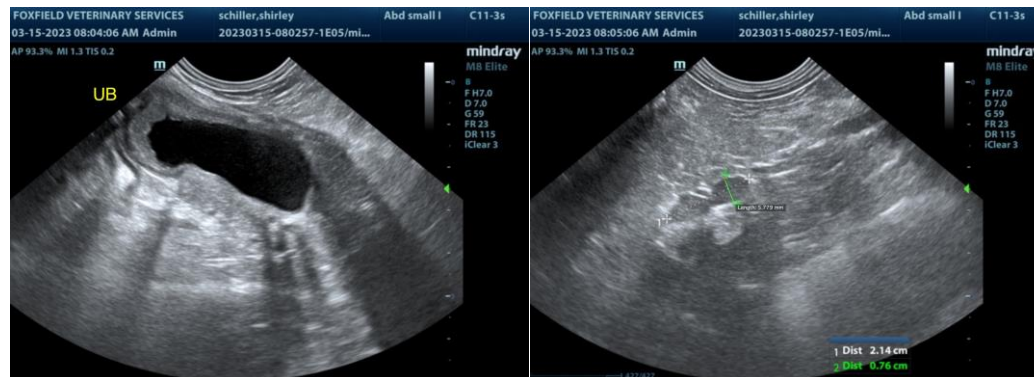
A. Rodriguez

HOSPITAL NAME

Foxfield Veterinary Services

REFERRING VET

A. Rodriguez



INVOICE

13179ag

DATE

03/14/2023



PATIENT

Shirley Schiller

SPECIES

Canine

BREED

Mini Poodle

SEX

FS

AGE

15.5yr

WEIGHT

16lb

INTERPRETED BY

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

IMAGING PERFORMED BY

A. Rodriguez

HOSPITAL NAME

Foxfield Veterinary
Services

REFERRING VET

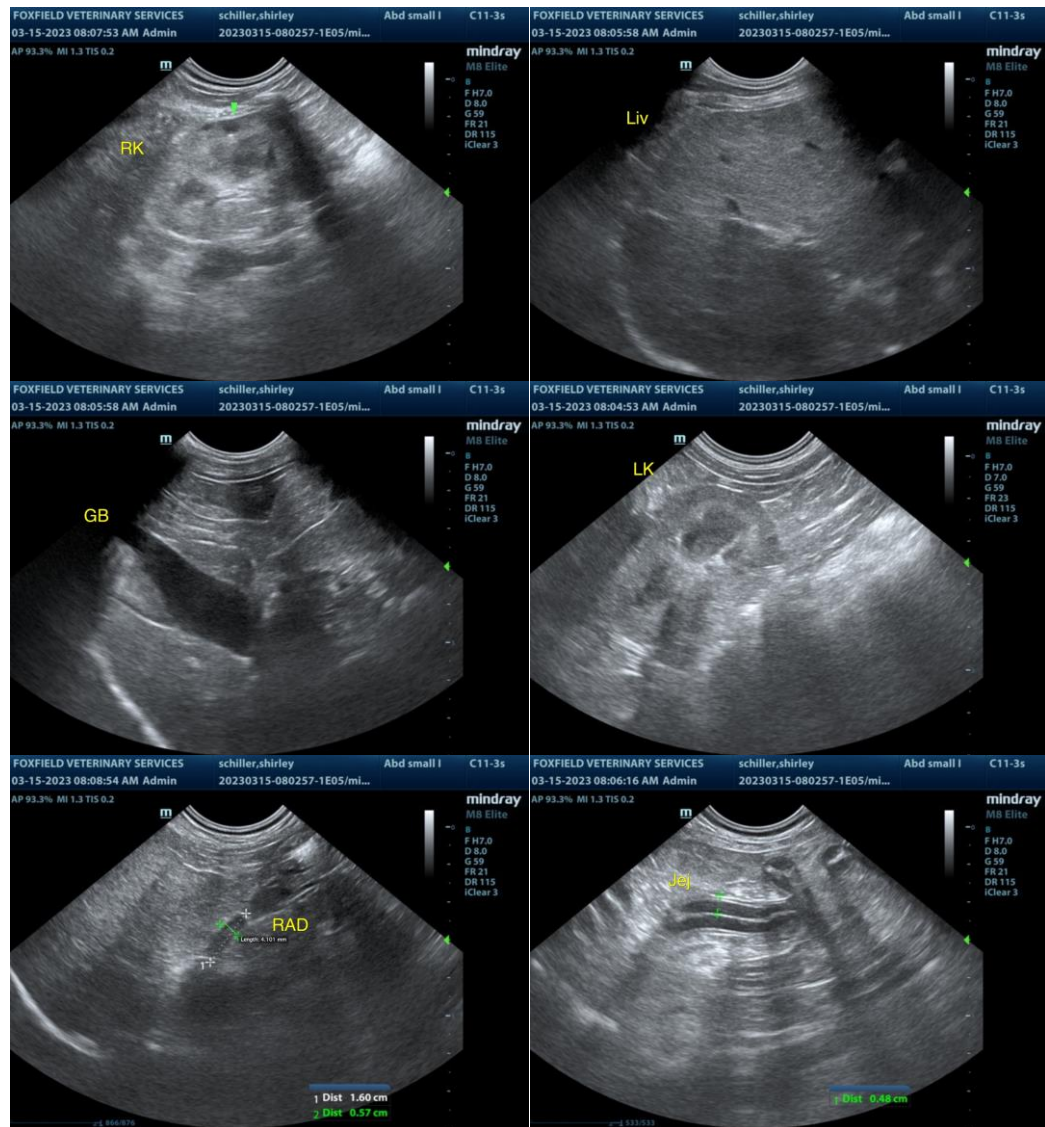
A. Rodriguez

INVOICE

13179ag

DATE

03/14/2023



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)
mac.daniel@sonopath.com