



PATIENT

Athena Wechtler

SPECIES

Canine

BREED

Chinese Crested

SEX

Intact Female

AGE

9 month old

WEIGHT

5.2 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Kelly Vazquez

HOSPITAL NAME

Mildand Park VH

REFERRING VET

Dr. John Shokoff

INVOICE

15114

DATE

10/6/22

PRESENTING CLINICAL SIGNS

Follow up on elevated ALT and bile acids found during pre-spay work up. No clinical issues. No current meds.

Abnormal PE/Chem/CBC/UA Results: TP 4.9, A/G 2.1, ALT 138, BUN:CRP 31, Abs lymph 4794, Abs monos 1128, Pre-bile acids 2.3 (<13) / Post-bile acids 32.5 (<25).

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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, sediment or calculi. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

No evidence of pathology was noted in the area of the uterus or bilateral ovaries.

The area of the aortic trifurcation was free of pathology.

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 2.7 cm in length. The right kidney measured 2.9 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 1.2 cm length x 0.35 cm width at the caudal pole. No overt pathology was noted in the area of the right adrenal gland.

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.

Liver/ Gallbladder

The liver exhibited potential for subjective borderline decreased size with symmetrical contour and normal uniform hepatic parenchyma echogenicity with subjective adequate hepatoportal vascular volume. The visualized portal vein exhibited subjective normal volume with suspect normal cranial branching. Portal vein/aortic ratio was approximately 1:1. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

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.



PATIENT

Athena Wechtler

SPECIES

Canine

BREED

Chinese Crested

SEX

Intact Female

AGE

9 month old

WEIGHT

5.2 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Kelly Vazquez

HOSPITAL NAME

Mildand Park VH

REFERRING VET

Dr. John Shokoff

INVOICE

15114

DATE

10/6/22

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.

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 were evident.

Free Abdomen

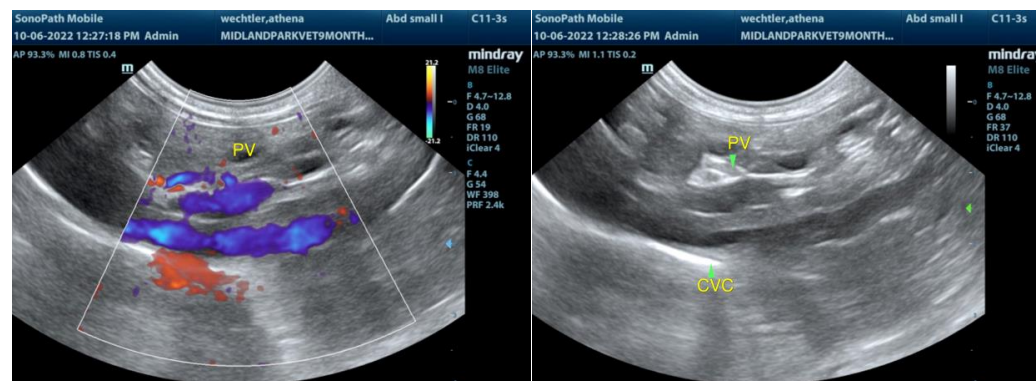
No overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

- Subjective potential borderline subnormal liver size exhibiting subjective adequate hepatic vascular volume
- Sonographically unremarkable gallbladder
- Sonographically normal bilateral kidneys and urinary bladder - no evidence of renal or urinary bladder mineralization / calculi

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No definitive evidence of intrahepatic or extrahepatic shunting. Potentials may include low-grade inflammatory hepatopathy with possible portal hypoplasia / microvascular dysplasia. Screening FNA hepatic cytology could be considered to primarily assess for inflammatory cell type if present. Correlation with plasma protein C level, if available, could be considered. A core surgical hepatic biopsy is likely necessary for further definitive and may be considered at the time of ovariohysterectomy, assuming normal clotting status.





PATIENT

Athena Wechtler

SPECIES

Canine

BREED

Chinese Crested

SEX

Intact Female

AGE

9 month old

WEIGHT

5.2 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Kelly Vazquez

HOSPITAL NAME

Mildand Park VH

REFERRING VET

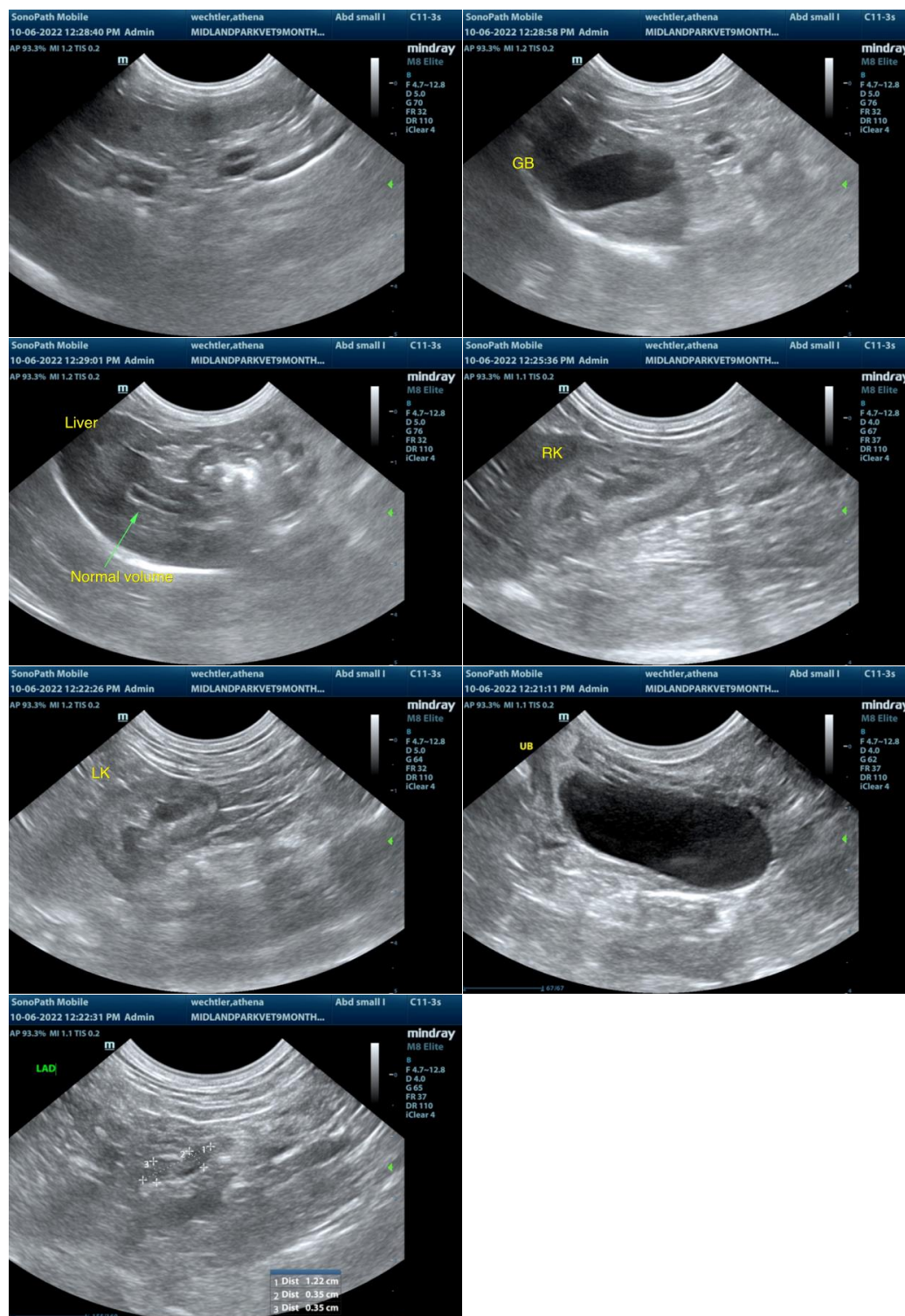
Dr. John Shokoff

INVOICE

15114

DATE

10/6/22



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.



PATIENT

Athena Wechtler

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.

SPECIES

Canine

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

BREED

Chinese Crested

SEX

Intact Female

AGE

9 month old

WEIGHT

5.2 lbs.

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Kelly Vazquez

HOSPITAL NAME

Mildand Park VH

REFERRING VET

Dr. John Shokoff

INVOICE

15114

DATE

10/6/22