



PATIENT

Bella Cooper

SPECIES

Canine

BREED

Chinese Shar Pei

SEX

Spayed Female

AGE

5 Years 10 Months

WEIGHT

60.2 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Newton Vet Hospital

REFERRING VET

Dr. Wyman-Greenwald

INVOICE

26147

DATE

10/7/21

PRESENTING CLINICAL SIGNS

Vomiting, not eating, lethargic.

Abnormal PE/Chem/CBC/UA Results: Alb 2.4, Ast 79, ALKP 136, BUN 49, Creat 5, phos 8.2, Chol 458, Amyl 1342, mono 1359

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder presented uniformly thickened urinary bladder wall (primarily in the apical to ventral apical wall) isoechoic to the adjacent normal urinary bladder wall. The luminal margin of the thickened urinary bladder wall was mildly asymmetrical in contour. A focal polypoid lesion was noted in the dorsal apical urinary bladder wall, measuring approximately 0.64 cm in diameter. Ventral apical urinary bladder wall measured 1.1 cm in width. No evidence of mural mineralization. Anechoic urine otherwise. The urethra was normal in structure and tone to a depth of 3.0 cm.

The kidneys were normal in size with mild asymmetrical margination. Both kidneys exhibited mild non-uniform increased cortex echogenicity with mild cortical hypertrophy and mild loss of corticomedullary border demarcation. No evidence of pyelectasia. The left kidney measured 6.2 cm. The right kidney measured 6.2 cm.

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.3 cm length x 0.75 cm at the caudal pole. The right adrenal gland measured 1.8 cm length x 0.61 cm at the caudal pole.

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

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. 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.

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was primarily empty with mild luminal gas. No evidence of retained ingesta, fluid or foreign material. Gastric body wall measured 0.37 cm.

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. Jejunum wall measured 0.30 cm.



PATIENT

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

Bella Cooper

Pancreas

SPECIES

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.

Canine

ULTRASONOGRAPHIC FINDINGS

BREED

- Cystitis to focal polypoid cystitis urinary bladder pattern – potential for urinary bladder mural neoplasia such as transitional cell carcinoma cannot be definitively excluded, yet thought less likely.

Chinese Shar Pei

SEX

- Bilateral nephropathy
- Hepatopathy – subjectively benign

Spayed Female

- Sonographically unremarkable gastrointestinal tract, potential for mild gastroenteritis

AGE

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

5 Years 10 Months

The overall appearance of the kidneys was non-specific, yet consistent with chronic nephropathy as opposed to acute renal injury or insult. Interstitial nephritis, glomerulonephritis, amyloidosis in light of the breed, or other nephropathy possible. Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered.

WEIGHT

60.2 Pounds

Leptospirosis titers/PCR may be considered if clinically indicated or potential exposure. Screening BRAF assay may be considered. No overt evidence of active pancreatitis, although potential for low-grade or chronic pancreatitis (given the elevated amylase) may be present, yet ultrasonographically normal. Continued as needed gastrointestinal support is suggested.

INTERPRETED BY

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

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Newton Vet Hospital

REFERRING VET

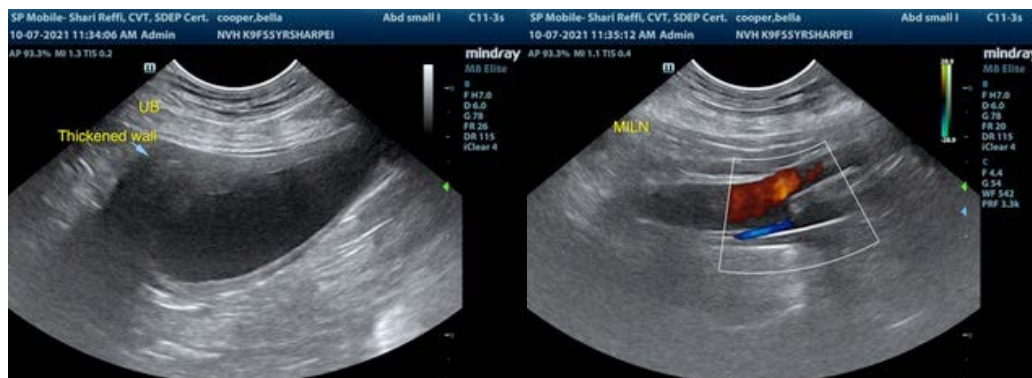
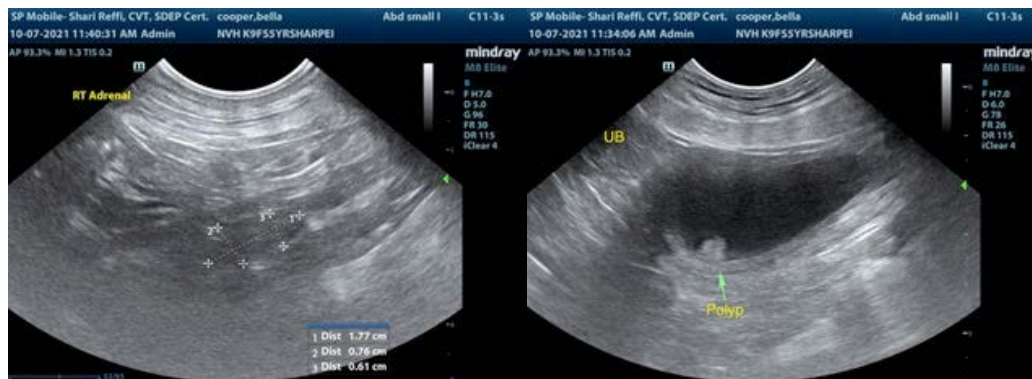
Dr. Wyman-Greenwald

INVOICE

26147

DATE

10/7/21





PATIENT

Bella Cooper

SPECIES

Canine

BREED

Chinese Shar Pei

SEX

Spayed Female

AGE

5 Years 10 Months

WEIGHT

60.2 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Newton Vet Hospital

REFERRING VET

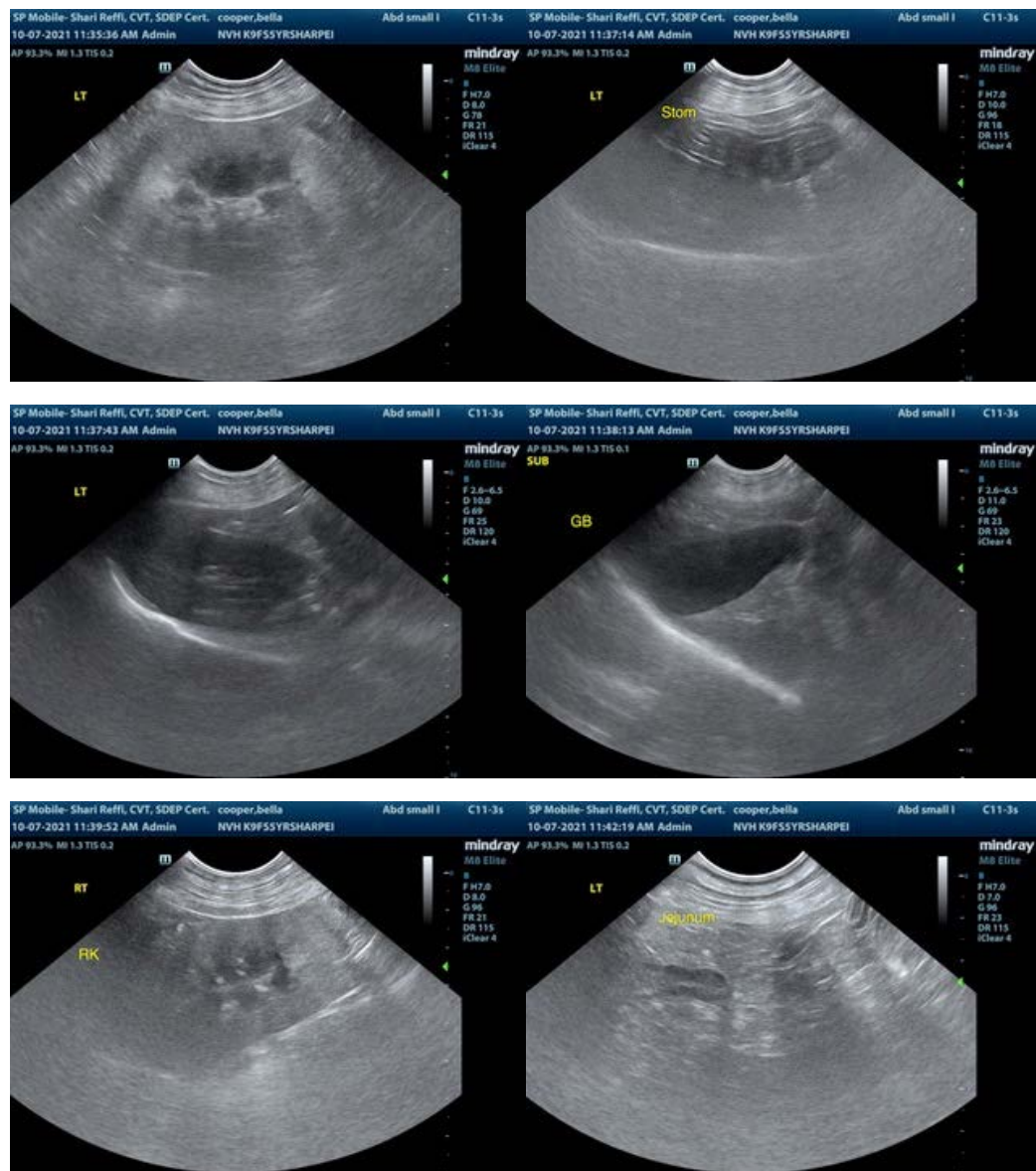
Dr. Wyman-Greenwald

INVOICE

26147

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