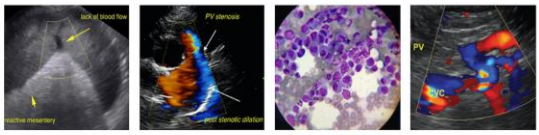
Pennsylvania Mobile
VETERINARY ULTRASOUND SERVICES
IMAGING PERFORMED BY
PAMobileVet.com 443-794-4700



SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™
1-800-838-4268 info@sonopath.com SonoPath.com

PATIENT

Tarzan Paul

SPECIES

Canine

BREED

Poodle Mix

SEX

MN

AGE

2016

WEIGHT

23

INTERPRETED BY

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

IMAGING PERFORMED BY

Rebekah Jakum, CVT ARDMS/RVT

HOSPITAL NAME

Lehigh Valley Animal Hospital Bath

REFERRING VET

Dr. Tan

INVOICE

11102ag

DATE

07/11/2022

PRESENTING CLINICAL SIGNS

History: PU/PD, inappropriate urination, polyphagia

Abnormal PE/Chem/CBC/UA Results: Unremarkable CBC, ALP 300, ALT/AST wnl, SG 1.055, 2+ protein, 4DX neg

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 4 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.

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 4.3 cm in length. The right kidney measured 4.7 cm in length.

The area of the aortic trifurcation was free of pathology.

The area of the residual prostate was free of pathology measuring 0.89 cm in diameter.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.57 cm width at the caudal pole and 1.5 cm length. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.36 cm width at the caudal pole and 2.3 cm length.

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.

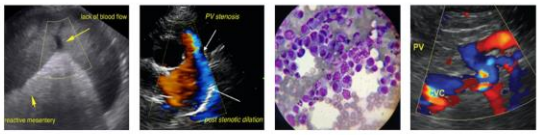
Liver

The liver presented mildly 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 minor particulate debris. The cystic and common bile ducts were normal.

Gastrointestinal

The stomach presented intact yet mildly prominent wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.

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.



PATIENT

Tarzan Paul

SPECIES

Canine

BREED

Poodle Mix

SEX

MN

AGE

2016

WEIGHT

23

INTERPRETED BY

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

IMAGING PERFORMED BY

Rebekah Jakum, CVT ARDMS/RVT

HOSPITAL NAME

Lehigh Valley Animal Hospital Bath

REFERRING VET

Dr. Tan

INVOICE

11102ag

DATE

07/11/2022

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

Pancreas

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

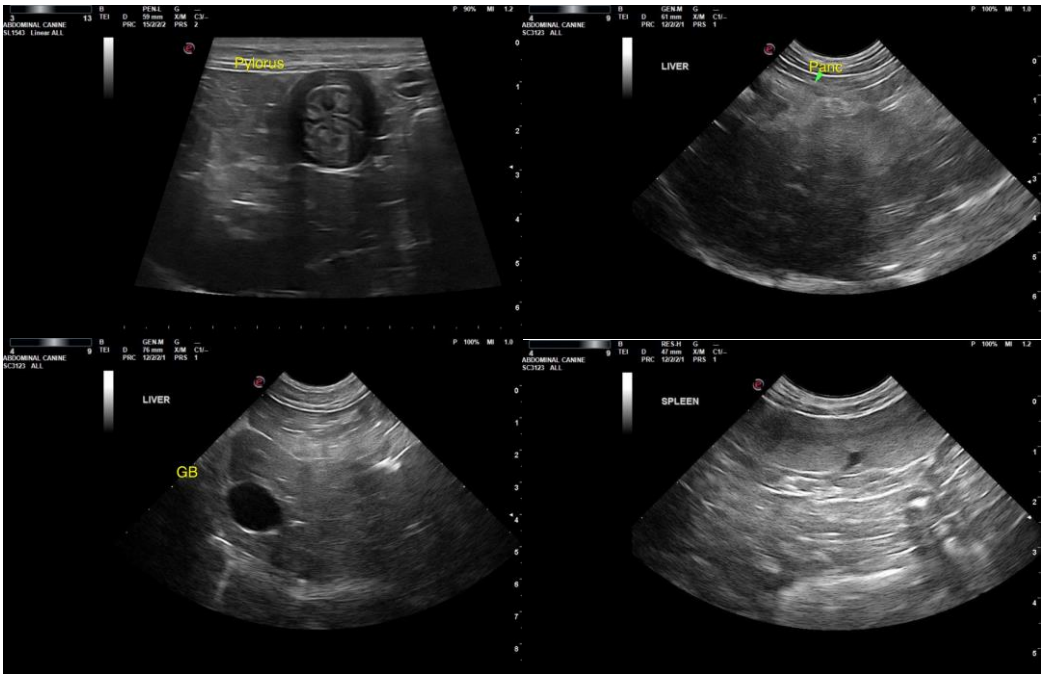
- Sonographically unremarkable urinary bladder and residual prostate
- Normal bilateral kidneys
- Normal bilateral adrenal glands-no evidence of adrenal pathology or enlargement
- Mild vacuolar hepatopathy pattern
- Mildly prominent gastric walls-likely incidental or patient variant
- Minor heterogeneous pancreas-likely minor pancreatic remodeling, incidental

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

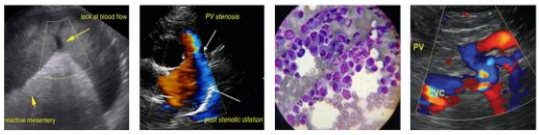
Overall no overt evidence od significant visceral pathology. The bilateral adrenal glands were not consistent with pituitary dependent Cushing's syndrome and were without evidence of adrenal tumors. Correlation with pending ACTH stim is recommended.

Further assessment of the PU/PD may include a urine C/S +/-baseline UPC and leptospirosis if endemic to the area as well as a GI panel to include PLI/TLI/Cobalamin/Folate is recommended.

Hepatosupportive medications including Denamarin +/- Ursodiol could be considered.



Pennsylvania Mobile
VETERINARY ULTRASOUND SERVICES
IMAGING PERFORMED BY
PAMobileVet.com 443-794-4700



SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™
1-800-838-4268 info@sonopath.com SonoPath.com

PATIENT

Tarzan Paul

SPECIES

Canine

BREED

Poodle Mix

SEX

MN

AGE

2016

WEIGHT

23

INTERPRETED BY

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

IMAGING PERFORMED BY

Rebekah Jakum, CVT ARDMS/RVT

HOSPITAL NAME

Lehigh Valley Animal Hospital Bath

REFERRING VET

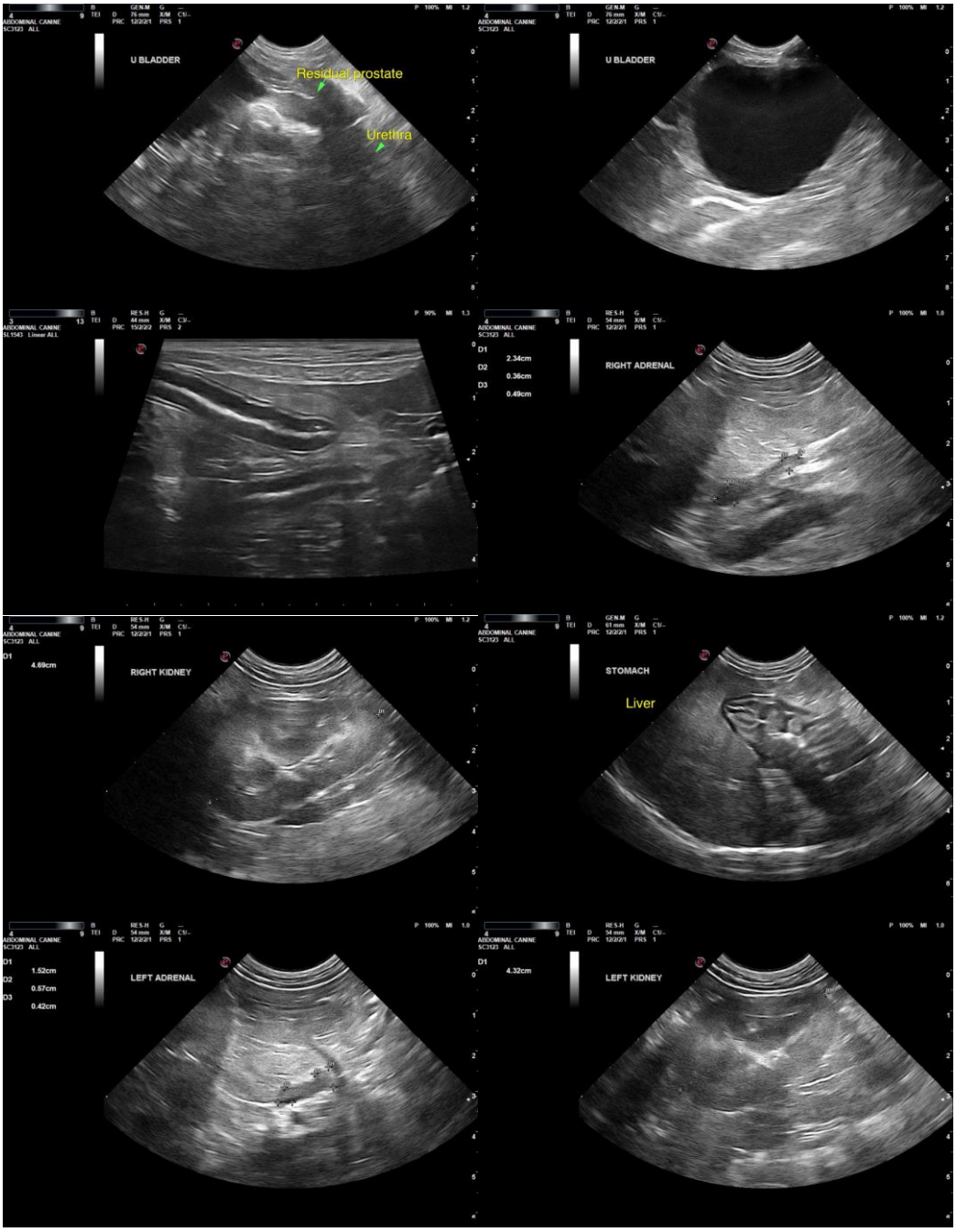
Dr. Tan

INVOICE

11102ag

DATE

07/11/2022



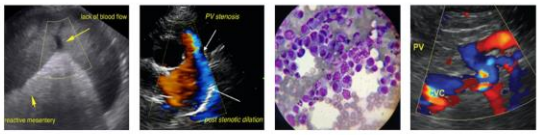
The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

Pennsylvania Mobile
VETERINARY ULTRASOUND SERVICES

IMAGING PERFORMED BY
PAMobileVet.com 443-794-4700



SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™
1-800-838-4268 info@sonopath.com SonoPath.com

PATIENT

Tarzan Paul

SPECIES

Canine

BREED

Poodle Mix

SEX

MN

AGE

2016

WEIGHT

23

INTERPRETED BY

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

IMAGING PERFORMED BY

Rebekah Jakum, CVT ARDMS/RVT

HOSPITAL NAME

Lehigh Valley Animal Hospital Bath

REFERRING VET

Dr. Tan

INVOICE

11102ag

DATE

07/11/2022