**PATIENT**

Roscoe Ertl

SPECIES

Canine

BREED

Pitbull Mix

SEX

NM

AGE

6 years

WEIGHT

45 lbs.

INTERPRETED BYR. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)**IMAGING
PERFORMED BY**

Sarah Pender, CVT

HOSPITAL NAME

SVS Imaging QC

REFERRING VET

Dr. Katie Merkes

INVOICE

14627

DATE

4/6/22

PRESENTING CLINICAL SIGNS

Owner believes that the dog is painful. Hx of cryptorchid surgery performed at another veterinarians office. Owner is convinced that they never removed the abdominal tumor and that now he has cancer because of it.

Abnormal PE/Chem/CBC/UA Results: Hx proteinuria, BUN and Creatinine normal.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**Urinary System**

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 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 was noted.

The residual prostate was of expected size and presentation for a neutered male without evidence of hyperplasia. The residual prostate measured 1.0 cm in diameter.

The area of the aortic trifurcation was normal without evidence of medial iliac or sublumbar lymphadenopathy.

Both kidneys were normal in overall size and margination. Subjective mild cortical hypertrophy was noted in both kidneys with mild loss of normal corticomedullary border demarcation and subjective pinpoint medullary mineral. No evidence of pyelectasia. The left kidney measured 5.5 cm The right kidney measured 5.7 cm.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.7 cm in length x 0.61 cm width at the caudal pole.

The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 2.8 cm in length x 0.39 cm width at the caudal pole.

Spleen

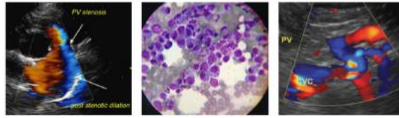
The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

Liver/ Gallbladder

The liver was subjectively normal in size, structure, and contour. 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.

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.



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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

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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.

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Pitbull Mix

Free Abdomen

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

SEX

NM

A focal, visualized, subtly prominent, subjectively reactive/benign, mid abdominal mesenteric lymph node was present, measuring 0.46 cm in diameter, likely incidental and not consistent with inflammatory or neoplastic criteria.

AGE

6 years

Other

No evidence of retained testicle or testicular tumors.

WEIGHT

45 lbs.

ULTRASONOGRAPHIC FINDINGS

- Nonspecific bilateral mild chronic renal changes
- Otherwise, unremarkable abdomen

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

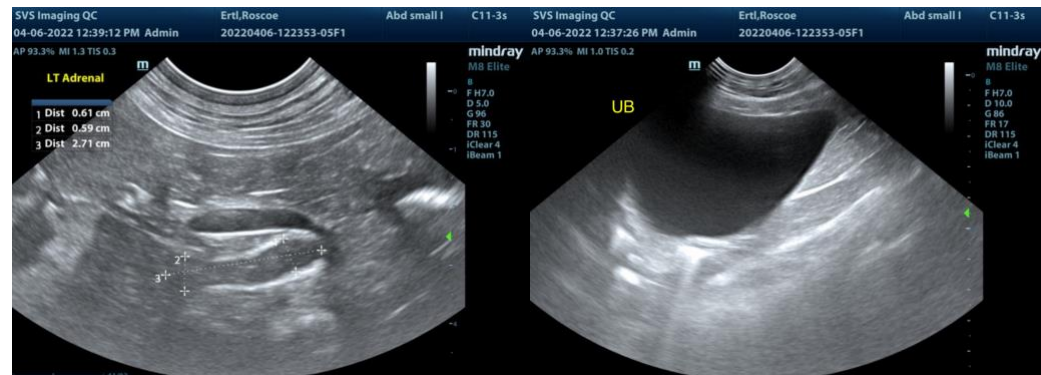
Aside from the renal presentation, no evidence of intraabdominal pathology noted. No visualized retained testicle or testicular tumor was present. Likewise, the residual prostate presentation was not consistent with hyperplasia, associated with continued testosterone exposure. The bilateral kidneys are of unclear clinical significance, yet potentially indicative of glomerulopathy, such as glomerulonephritis, given the history of proteinuria in this patient. If not done, urine protein to creatinine ratio, on sterile urine sample, is suggested for further quantification. Periodic monitoring of BUN and creatinine levels, as well as urine specific gravity suggested.

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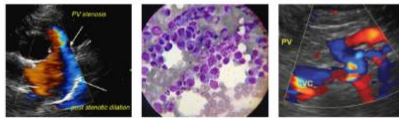
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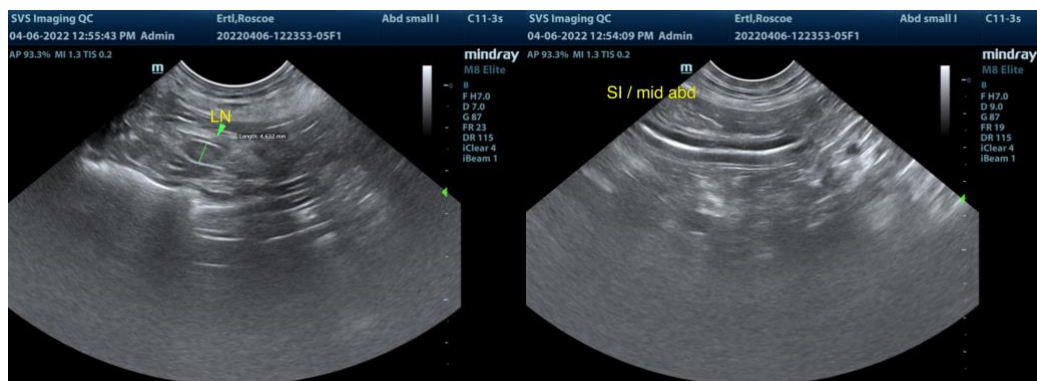
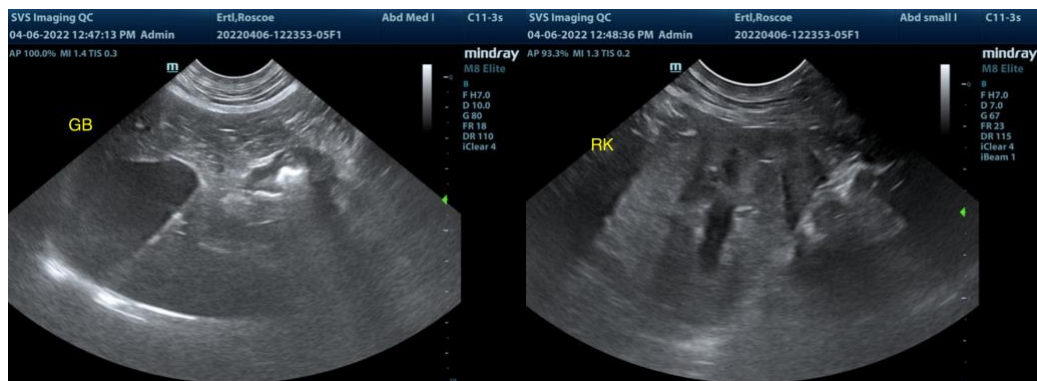
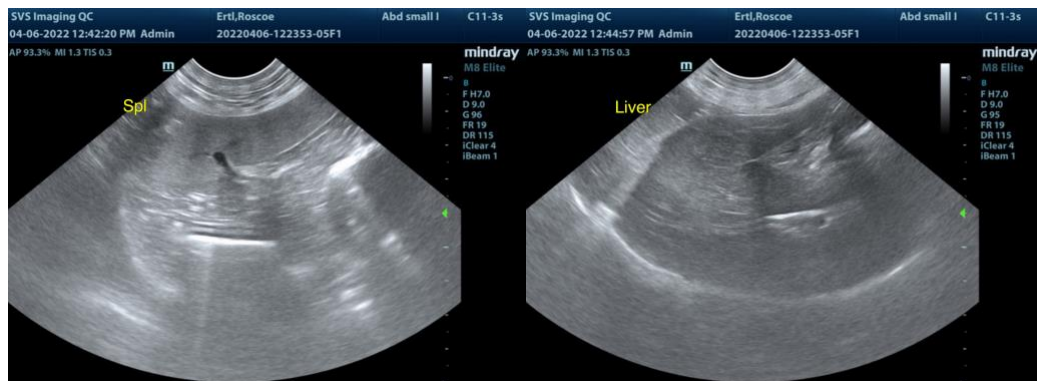
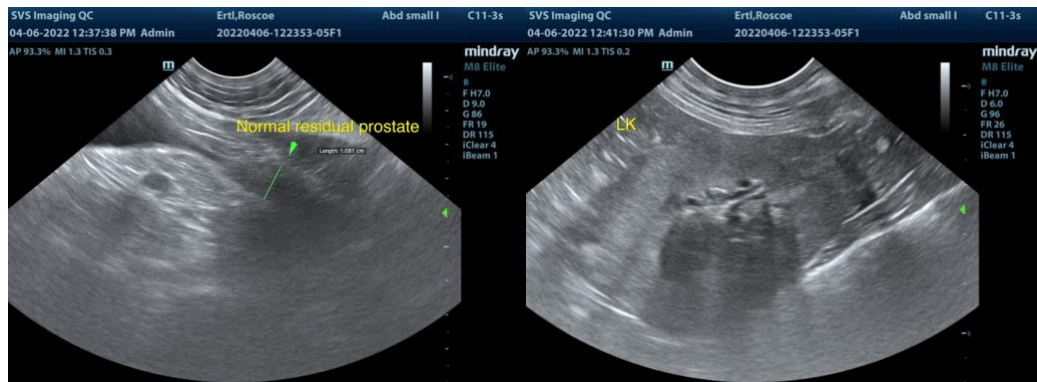
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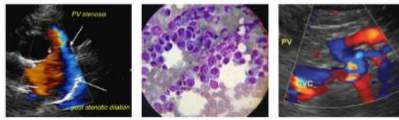
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)
 info@SonoPath.com

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