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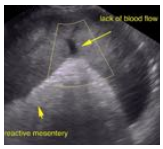

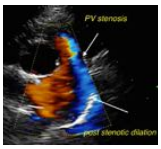

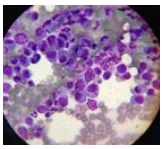
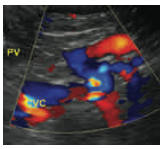

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1-800-838-4268 info@sonopath.com

PATIENT
Gio Ocasio

SPECIES
Canine

BREED
Yorkshire Terrier

SEX
Intact male

AGE
14 years

WEIGHT
5.8 lbs

INTERPRETED BY
Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY
Shari Reffi, CVT

HOSPITAL NAME
North Jersey AH

REFERRING VET
Dr. Riedel

INVOICE
96950

DATE
3/17/22

PRESENTING CLINICAL SIGNS

History: Elevated renal values. Current meds: Clavamox 62.5mg bid
Abnormal PE/Chem/CBC/UA Results: SDMA 24, Crea 2.7, BUN 119. U/A: USG 1.012, trace prot, marked rods.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

The **prostate** was uniformly enlarged with lobar swelling appeared to impinge upon the urethra and mildly deviate the descending colon. The prostatic tissue was hyperechoic containing focal areas of decreased echogenicity. Microcystic changes were noted. The prostate measured 3.0 cm.

The right testicle was enlarged and undifferentiated with a hypoechoic parenchyma. The left testicle and epididymis was normal. The median raffe was recognizable in the left testicle, but not in the right.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for this age patient. Medullary structure differed distinctly from that of the cortex. The left kidney measured 3.5 cm with slight pyelectasia. Occasional cortical cyst was noted and measured up to 0.82 cm. The right kidney measured 3.29 cm with slight pyelectasia.

Adrenal Glands

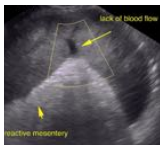
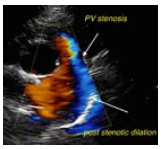
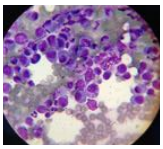
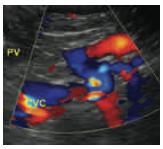
Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured1.28 x 0.44 cm at the cranial pole and 0.46 cm at the caudal pole. The right adrenal gland measured 1.43 x 0.77 cm at the cranial pole and 0.39 cm at the caudal pole.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with

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primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

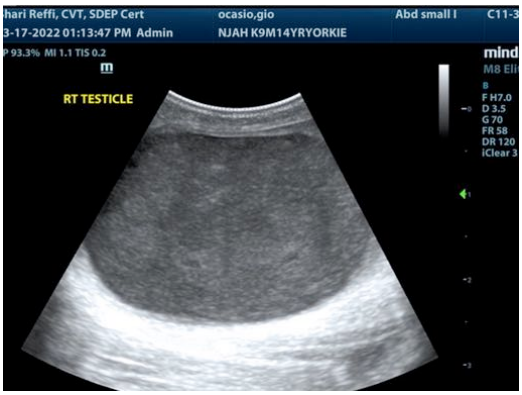
Right testicular mass.

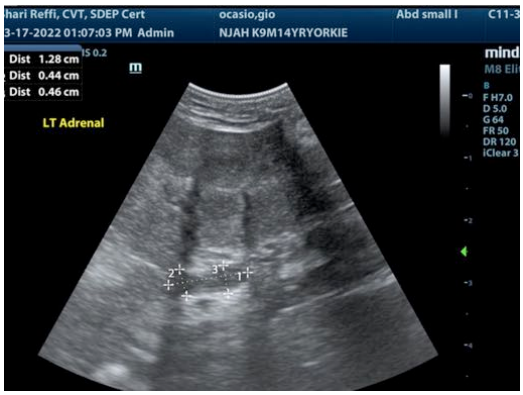
Moderate chronic renal changes.

BPH prostate.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

72 hour IV fluid protocol and correction of azotemia followed by neutering is indicated. There was no evidence of neoplasia other than potentially in the right testicle. Sertoli cell tumor, seminoma or lytic cell tumor is all possible. Blood flow was positive in the right testicular parenchyma, which rules out the potential of torsion.





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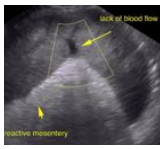
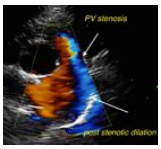
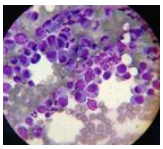
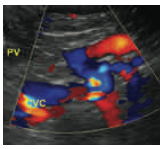

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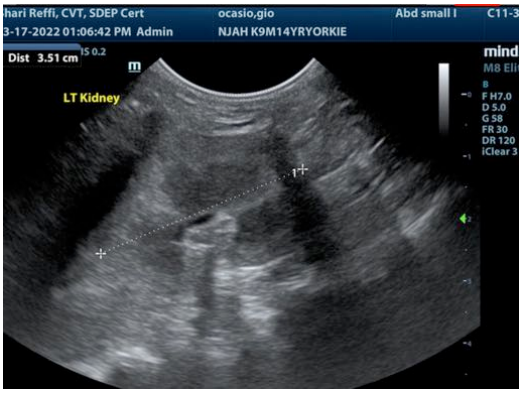

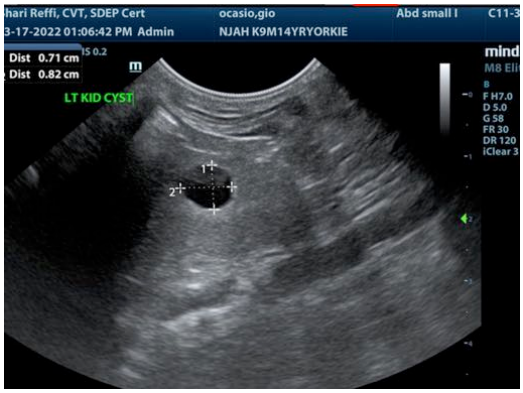

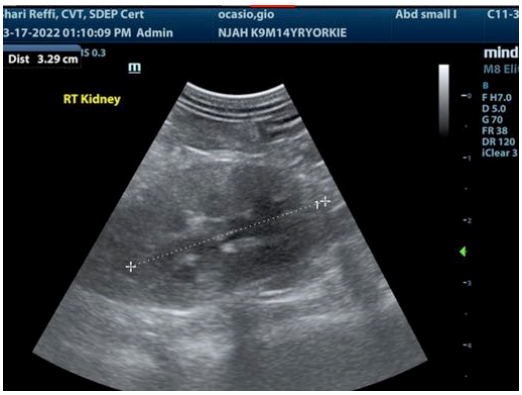

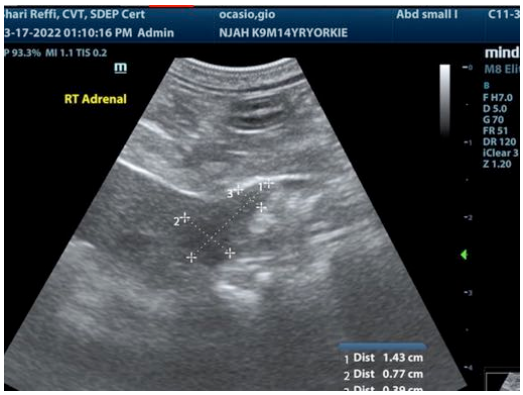

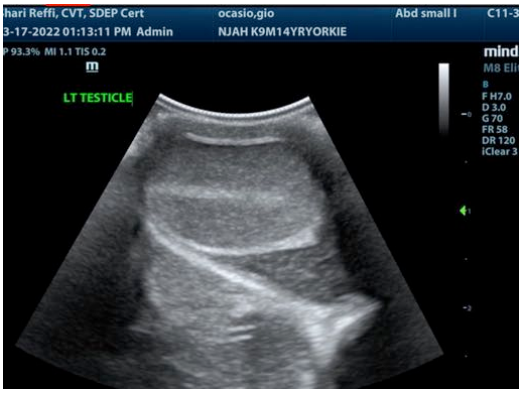

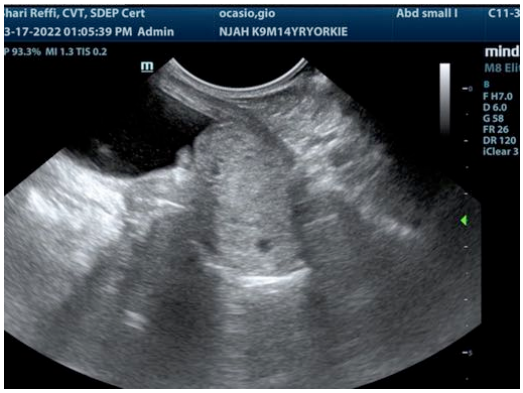
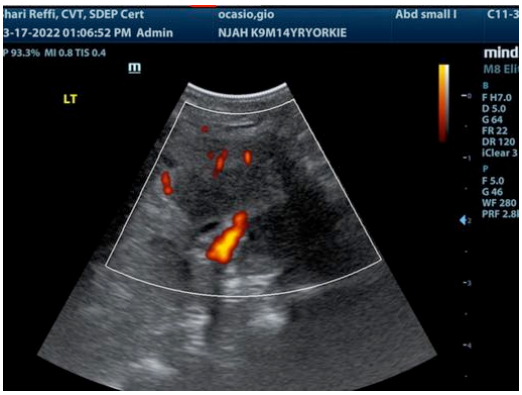

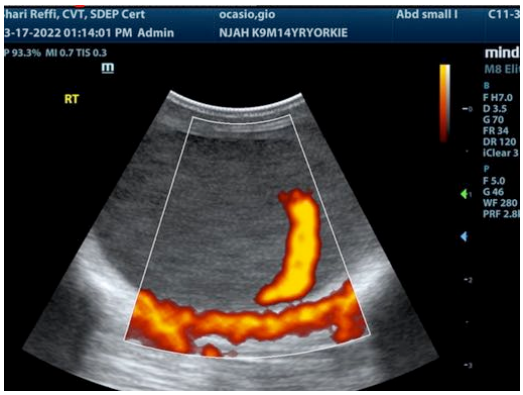

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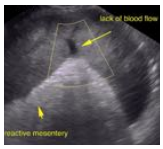

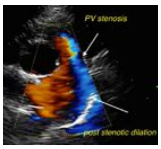

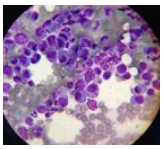
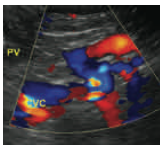

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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
Info@SonoPath.com