

**PATIENT PRESENTING CLINICAL SIGNS**

Butchy Ribaldo

**SPECIES**

Canine

**BREED**

English Setter

**SEX**

Neutered Male

**AGE**

14 years

**WEIGHT**

43 lbs

**INTERPRETED BY**

Karen Ebersole, DVM,  
DABVP (Canine and  
Feline)

**IMAGING PERFORMED BY**

Samuel Gabriel

**HOSPITAL NAME**

Central Jersey AH

**REFERRING VET**

Gabriel

**INVOICE**

13887

**DATE**

7.27.23

History: acting like uncomfortable , strain to poop and pee not eating anything  
Abnormal PE/Chem/CBC/UA Results: rectal exam shows enlarged prostate cbc,chem wnl xray shows mineralized prostate with distended bladder

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The urinary bladder was overdistended with moderate, suspended echogenic sediment. The cystourethral junction is partially obstructed by tissue at the proximal urethra related to the prostatic mass. The intraprostatic urethra is narrow due to the mass, causing the dysuria.

The prostate was enlarged in size with an irregular capsule contour. The prostate margins were difficult to distinguish from the surrounding fat. The parenchyma was primarily hypoechoic with variably sized mineralizations.

The left kidney as of a normal size, shape, and position. The capsule was mildly irregular with no capsular expansion. There was mild to moderate increase in cortical echotexture. A slightly asymmetrical 1:3 cortex to medulla ratio was present, with a mild loss of corticomedullary distinction. These changes are largely as expected for the age of the patient. There was pelvic dilation. The left kidney measured 5.0 mm in length with echogenic debris.

The right kidney was of a normal size and shape. The capsule contour was smooth. Normal corticomedullary distinction was present with a normal 1:3 cortex to medulla ratio. The cortex was normal in echogenicity. There was no pelvic dilation. On the left side, the proximal ureter appears dilated. Mild pyelectasia was noted (at 3.0 mm). The right kidney measured 6.50 cm in length.

**Adrenal Glands**

The left adrenal gland was visualized and found to be normal in size, and shape for the age and breed. The parenchyma displayed normal echogenicity. There was no evidence of capsular expansion or pericapsular inflammation. There were no nodules or masses visible. The left adrenal gland measured 7.00 mm at the caudal pole.

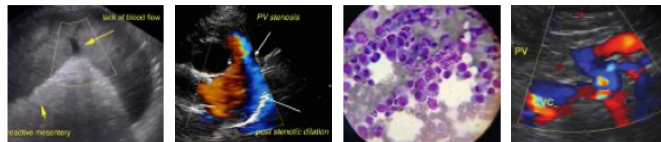
The right adrenal gland appeared free of pathology but was not clearly visualized.

**Spleen**

The spleen was normal in size, shape, and position. There was a smooth capsule contour. The parenchyma was finely textured and homogeneous. There were no visible masses, nodules or evidence of infiltrative disease.

**Liver/Gallbladder**

The liver was normal in size and shape, with a smooth capsule contour. The hepatic parenchyma displayed normal echotexture and normal portal markings. The hepatic vasculature was normal in volume and structure. There was no evidence of inflammatory, neoplastic, infectious, or infiltrative disease. The gallbladder was normal size and shape, with moderate, echogenic, non-mineralized biliary sludge. The



**PATIENT**

wall was normal thickness with no visible inflammation. The cystic duct and common bile ducts were normal in size with no evidence of obstruction.

Butchy Ribaudo

**Gastrointestinal**

**SPECIES**

The stomach was largely empty with normal size shape and position. The stomach wall was normal in thickness and maintained appropriate layering. The small intestine displayed normal curvilinear patterns throughout. Subjectively normal wall thickness and layering was maintained. Normal peristalsis was present. The visible colon wall was normal in thickness and layering, there were no visible masses or focal lesions.

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**Pancreas**

**SEX**

The pancreas was isoechoic to the surrounding mesentery with normal size, shape and capsule contour. There was no evidence of inflammation or masses within the right and left limbs or body of the pancreas. The pancreatic duct was curvilinear without notable deviation.

Neutered Male

**AGE**

**ULTRASONOGRAPHIC FINDINGS**

14 years

**Findings**

**WEIGHT**

- Mineralizing prostatic mass
- Overdistended bladder
- Left kidney pyelectasia. Right kidney mild pyelectasia

43 lbs

**INTERPRETED BY**

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Karen Ebersole, DVM,  
DABVP (Canine and  
Feline)

The sonographic presentation is strongly suggestive for prostatic hyperplasia/urothelial carcinoma. Traumatic catheterization or FNA would be needed to confirm. There is a small risk of seeding with FNA of prostatic neoplasia. The prostatic mass is extending up the urethra and starting to cause obstruction of the left ureter, leading to early hydronephrosis in the left kidney. Referral for emergency oncology consult is recommended. If further treatment is not elected, humane euthanasia should be considered.

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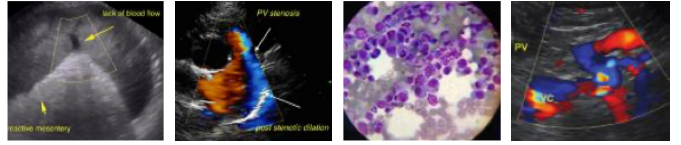
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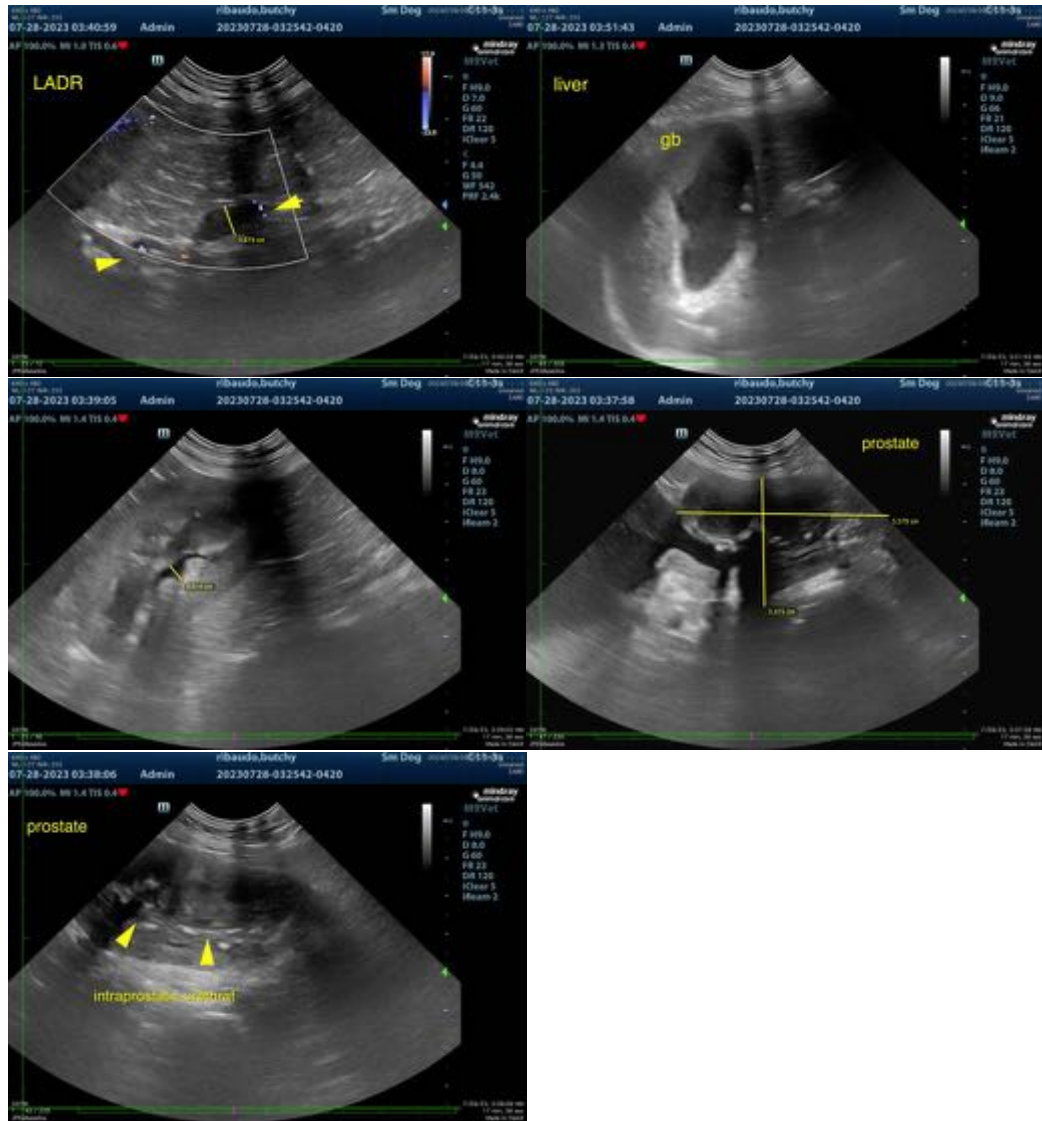
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Karen Ebersole, DVM, DABVP (Canine and Feline practice)  
info@SonoPath.com