

PATIENT PRESENTING CLINICAL SIGNS

Prince Baldassari
 Recurring urinary retention, incomplete voiding, hematuria, recurring UTI. Patient neutered at late age (~9 u/o). Prostate slightly large, but not abnormal. Radiographs: Soft tissue opacity caudal abdomen in region of prostate gland. On Baytril and Amoxi/Clav

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Pit Bull

The urinary bladder was normal in subjective size and tone at the time of the ultrasound. The urinary bladder walls were overtly normal without evidence of significant inflammatory or neoplastic criteria. Ventral urinary bladder wall measured 0.35 cm in width. Anechoic urine present. No sediment or calculi.

SEX

Neutered Male

The residual prostate exhibited mild generalized enlargement with subtle areas of capsule asymmetry. The prostatic capsule was able to be differentiated from surrounding tissue. The residual prostate exhibited non-homogeneous, hypoechoic to mixed echogenic parenchyma, including potential indistinct parenchymal cysts as well as pinpoint to focal hyperechoic parenchymal foci, suggestive of potential pinpoint mineralization. The residual prostate measured 6.8 cm x 2.6 cm. The post-prostatic urethra was not distinctly visualized, yet exhibited subjective normal tone to a depth of 5.0 cm.

AGE

11 Years

Normal size and margination was present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 8.1 cm.

WEIGHT

98 Pounds

Adrenal Glands

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.44 cm at the cranial pole and 0.58 cm at the caudal pole.

INTERPRETED BY

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

Spleen

The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present without evidence of nodular changes. 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. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age related remodeling with minor potential for inflammatory or neoplastic disease.

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

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.

HOSPITAL NAME

Pine Banks AH

REFERRING VET

Dr. Hasan Syed

INVOICE

37106

Gastrointestinal

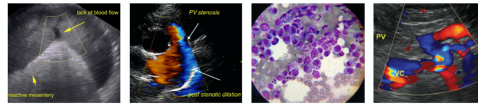
The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.

DATE

4/25/22

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.



PATIENT *Pancreas*

Prince Baldassari 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.

SPECIES *Free Abdomen*

Canine A normal to mildly prominent medial iliac lymph node was present, measuring 2.2 cm x 0.59 cm. The lymph node was essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). This lymph node was not consistent with inflammatory or neoplastic/metastatic criteria and likely incidental.

BREED

Pit Bull

SEX

Neutered Male

- Residual prostatomegaly exhibiting non-homogeneous to suspect pinpoint to focal mineralized parenchyma
- Overtly normal urinary bladder
- Mild chronic renal changes

AGE

11 Years

WEIGHT

98 Pounds

ULTRASONOGRAPHIC FINDINGS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Prostatic sampling, either ultrasound guided prostatic FNA or prostatic wash, for cytology is recommended for further assessment. Without overt evidence of urinary bladder overdistention or mural pathology, the suspected cause of the patient's urinary abnormalities and hematuria is likely associated with the prostate, although the proximal urethra was indistinctly visualized, and concurrent urethral pathology cannot be definitively excluded.

Potential considerations for the residual prostate may include residual prostatitis with concern for emerging prostatic neoplasia, given suspected areas of residual prostate parenchymal mineralization.

Assesment of clinical response to current antibiotic protocol +/- empirical anti-inflammatories with sonographic reassessment of the prostate in 2-3 weeks would also be reasonable.

INTERPRETED BY

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

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

HOSPITAL NAME

Pine Banks AH

REFERRING VET

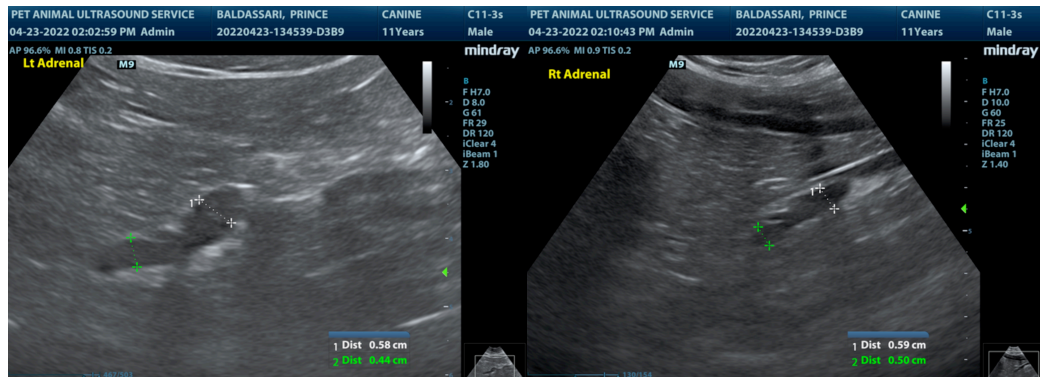
Dr. Hasan Syed

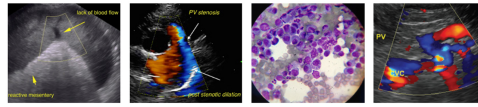
INVOICE

37106

DATE

4/25/22





PATIENT

Prince Baldassari

SPECIES

Canine

BREED

Pit Bull

SEX

Neutered Male

AGE

11 Years

WEIGHT

98 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

HOSPITAL NAME

Pine Banks AH

REFERRING VET

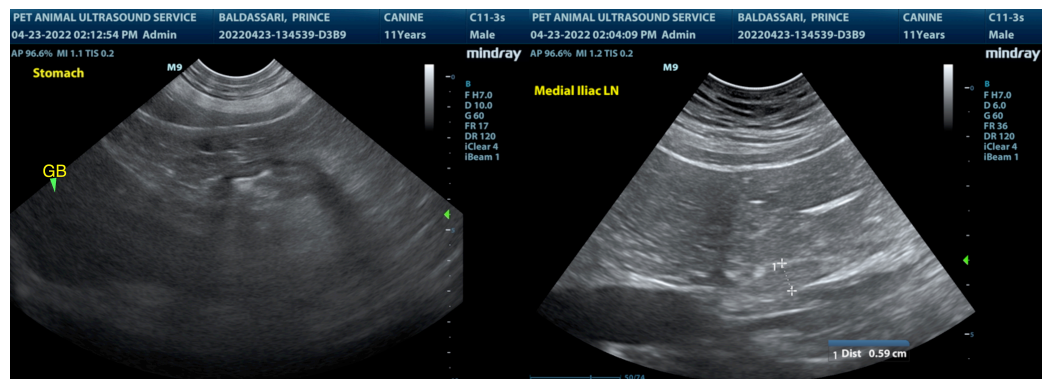
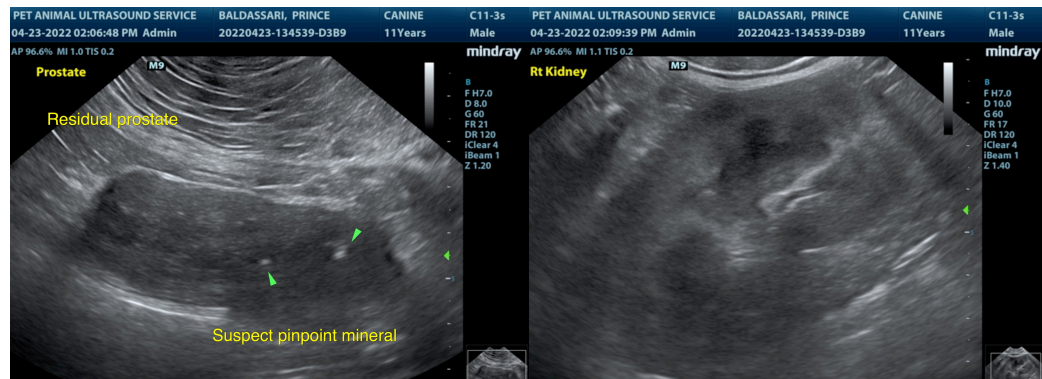
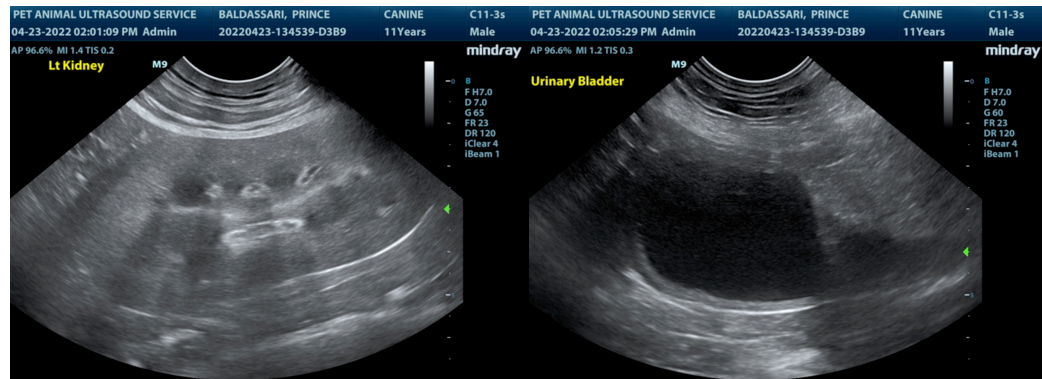
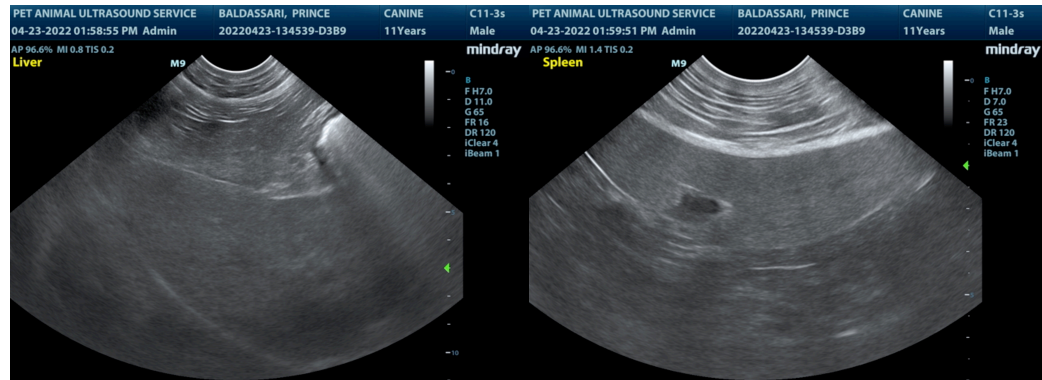
Dr. Hasan Syed

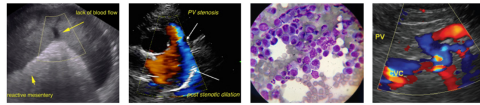
INVOICE

37106

DATE

4/25/22





PATIENT

Prince Baldassari

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.

SPECIES

Canine

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.

BREED

Pit Bull

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com

SEX

Neutered Male

AGE

11 Years

WEIGHT

98 Pounds

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Pamela Harrigan, RDMS

HOSPITAL NAME

Pine Banks AH

REFERRING VET

Dr. Hasan Syed

INVOICE

37106

DATE

4/25/22