



PATIENT

Capone Iverson

SPECIES

Canine

BREED

Mastiff

SEX

MN

AGE

8 years

WEIGHT

135 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Reid Veterinary
Hospital

REFERRING VET

Dr. Heider

INVOICE

17228

DATE

6/30/23

PRESENTING CLINICAL SIGNS

P was recently castrated, previously was dx'd with BPH and has a paraprostatic cyst that should decrease in size since being castrated. OSU Diagnosis: 1. Benign prostate hyperplasia 2. Paraprostatic cysts 3. Atrophied right testicle

Abnormal PE/Chem/CBC/UA Results: ABNORMAL Laboratory Findings From OSU report: CBC/Chcm: . Lymphocytes: Value 212 /uL (Ref. Range: 1000-4800 /uL) . Potassium: Value 3.8 mEq/L (Ref Range; 4.0-5.7 mEq/L) . Phosphorus: value 2.3 mg/dl (Ref. Range: 3.0-7.0 mg/dL) . All other values within normal reference range. No clinically significant abnormalities Ultrasound: . Paraprostatic cyst with mild sediment . Prosiatomegaly with few cysts, consistent with benign Prostatic hyperplasia . Equivocal medial iliac lymphadenopathy, likely reactive . Moderate right testicular atrophy Radiographic Findings Radiographs taken at OSU Thoracic radiograph findings: - This study is negative for pulmonary metastatic disease - Transient left lung hypoinflation with atelectasis.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra 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

Mild persistent prostatomegaly exhibiting nonhomogeneous, nonmineralized parenchyma was present. The prostate measured ~3.0 cm in diameter. Persistent paraprostatic cyst containing anechoic to mildly echogenic fluid, consistent with mild fluid sediment, was present. The paraprostatic cyst measured ~10.0 cm in diameter. No overt evidence of regional periprostatic inflammation.

No evidence of medial Iliac or sublumbar lymphadenopathy.

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 8.2 cm in length. The right kidney measured 9.5 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 3.1 cm length x 0.74 cm width at the caudal pole. No overt pathology was noted in the area of the right adrenal gland.

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



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thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

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Liver/ Gallbladder

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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.

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Gastrointestinal

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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.

8 years

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

WEIGHT

Pancreas

135 lbs

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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Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

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ULTRASONOGRAPHIC FINDINGS

- Persistent mild nonhomogeneous prostatomegaly
- Paraprostatic cyst containing anechoic to mildly echogenic fluid
- Normal urinary bladder / bilateral kidneys

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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The overall prostate is suggestive of probable normal prostatic involution following neuter. Centesis of the persistent paraprostatic cyst for fluid analysis +/- C/S, if evidence of inflammatory sediment, could be considered. Assuming no evidence of dysuria, stranguria, etc., continued sonographic monitoring of the prostate and paraprostatic cyst would be reasonable.

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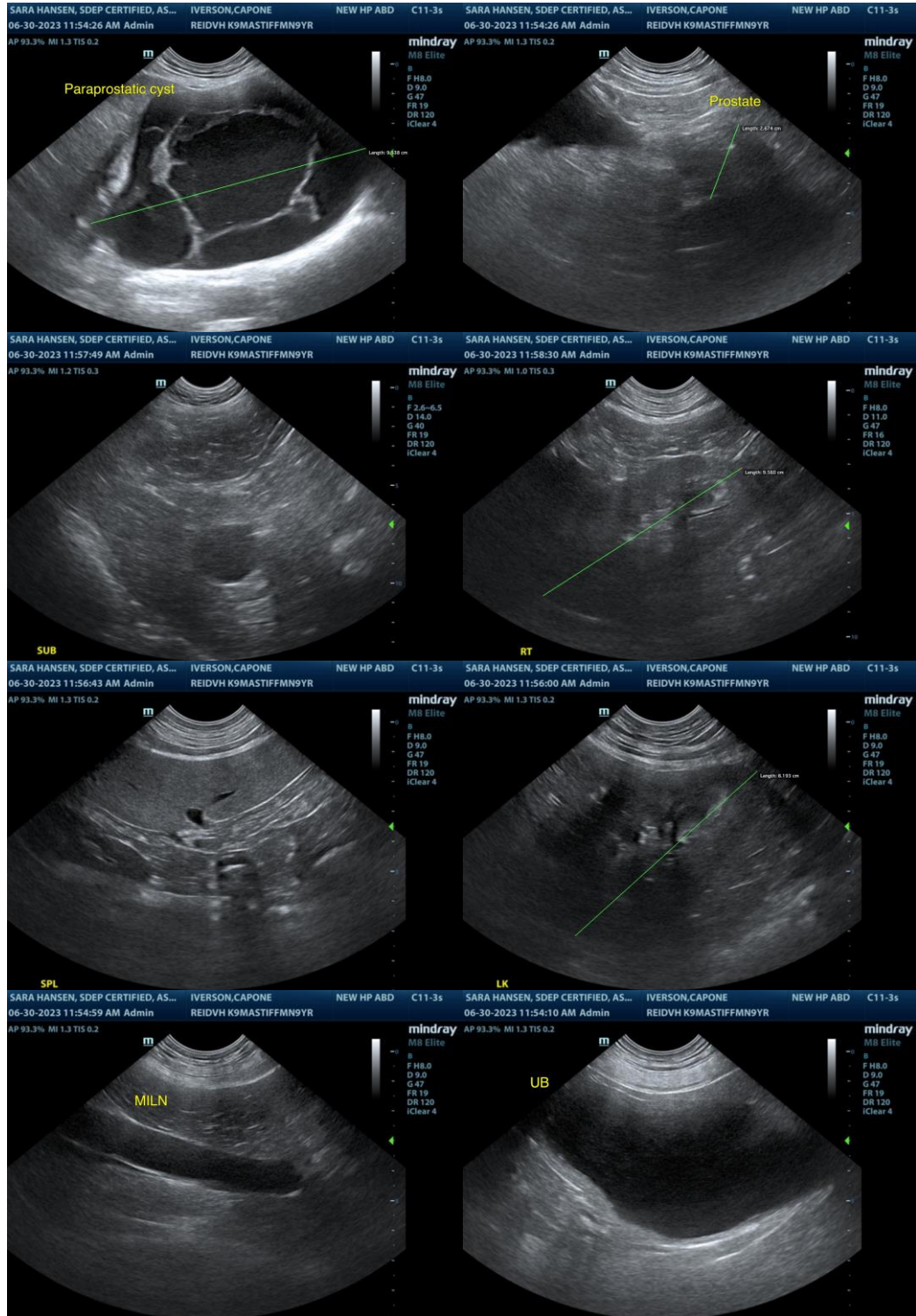
Dr. Heider

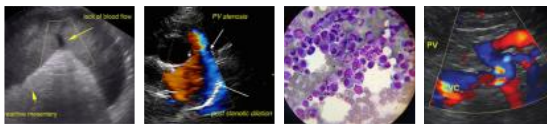
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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info@SonoPath.com