

**DATE PRESENTING CLINICAL SIGNS**

5/5/23 History: Presenting 5/4/2023 for lethargy, vomiting up food, and mucoid nasal discharge. QAR on presentation, T
 103.1, RR 20, HR 130; grade II/VI heart murmur w/ normal rhythm, large abdominal mass.

PATIENT

Kona Porter

Current Medications: Ostimax 75mg PO SID, Augmentin 625mg PO BID
 Lab Results: NSF.

SPECIES

Canine

Date of Previous IntraPet Ultrasound: No previous.
 Sedation: Not required to complete full diagnostic ultrasound.
 Stat Report: Not requested.

BREED

Imaging Performed By: Rachel Brillhart, RDMS.

Doberman

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**SEX****Urinary System**

Intact Male

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 were noted. Ureteral papillae were normal.

AGE

7/25/14

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. These changes are suggestive of either chronic inflammatory episodes, benign cystic pathology or both. Underlying neoplasia cannot be completely ruled-out but is lower on the differential list. This presentation is most consistent with benign prostatic hyperplasia with possible active prostatitis. Neutering or off-label Finasteride (Propecia) (0.1-0.5 mg/kg Sid) treatment is indicated +/- FNA or prostatic wash cytology and culture. This is a moderate change. The prostate measured approximately 5.0 cm.

WEIGHT

88 Pounds

INTERPRETED BYEric Lindquist, DMV
DABVP, Cert. IVUSS

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 7.64 cm. The left kidney measured 7.23 cm.

HOSPITAL NAMEPleasantville AH of
Falston**Adrenal Glands**

Both **adrenal glands** were visualized and recognized as having normal shape, 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 right adrenal gland measured 2.65 cm x 0.88 cm at the caudal pole and 1.07 cm at the cranial pole. The left adrenal gland measured the upper limits of normal, measuring 2.94 cm x 0.94 cm at the caudal pole and 1.0 cm at the cranial pole.

REFERRING VET

Dr. Gounaris

Spleen**INVOICE**

22338

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 were 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 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.

Free Abdomen

The caudal abdomen revealed an egg-shaped, 14 cm x 10 cm **mass**. Slight free fluid was noted associated with the caudal abdominal mass. Mild inflammatory pattern was noted.

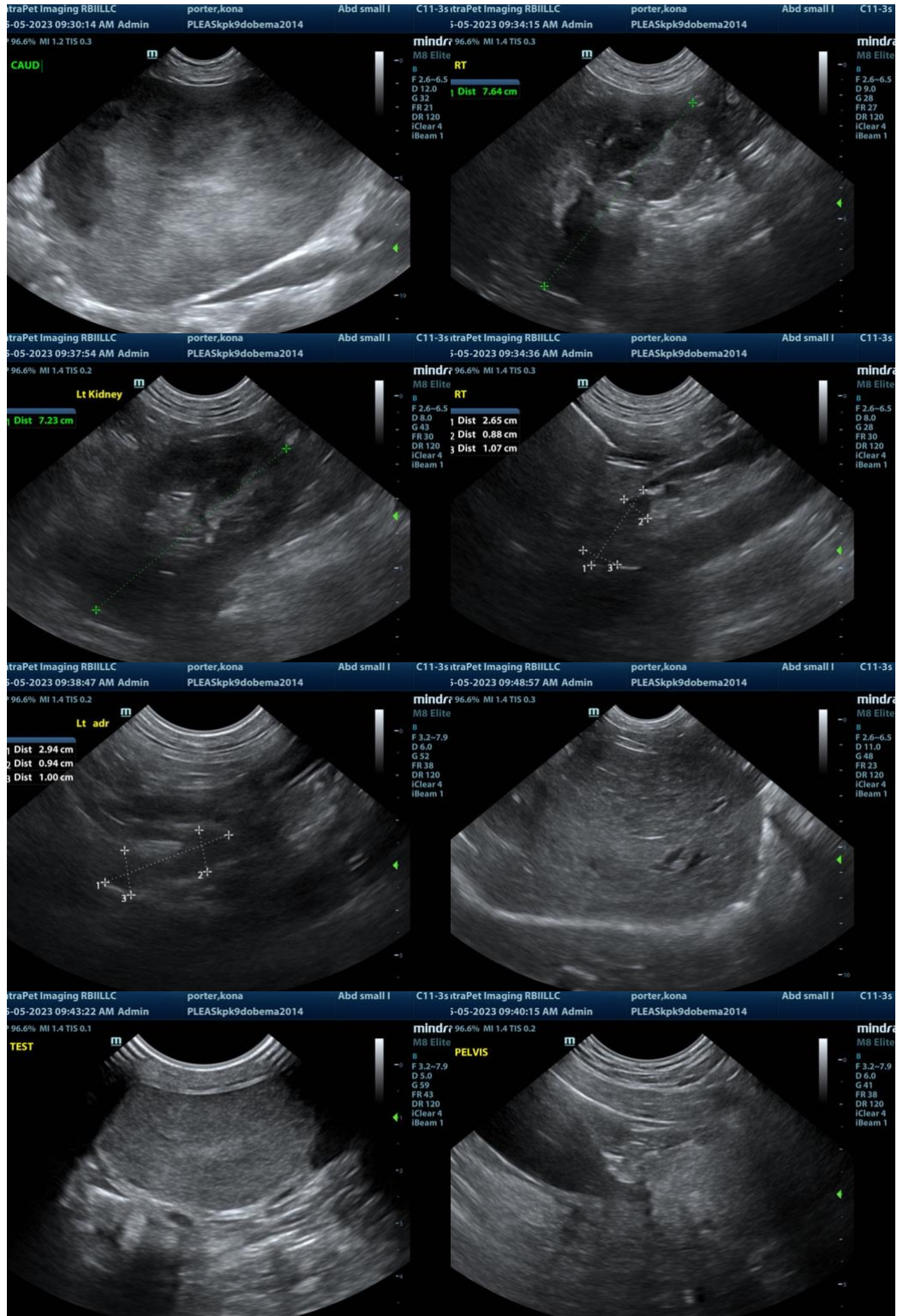
The descended testicle was uniform, measuring 3.0 cm.

ULTRASONOGRAPHIC FINDINGS

- Caudal abdominal mass
- Slight free fluid associated with the caudal abdominal mass and mild inflammatory pattern.
- BPH prostate
- Normal descended testicle
- Left adrenal gland measured the upper limits of normal.
- Unremarkable abdomen otherwise

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There is surgical urgency. CT evaluation would be ideal for surgical planning.



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.

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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