

**DATE**

04/19/2022

**PRESENTING CLINICAL SIGNS**

Five week history of diarrhea, 3 week history of vomiting.

**PATIENT**

Torque Taylor

Current Medications: Metronidazole 1000mg BID, Prednisone 20mg SID, Probiotics, Previously on 50mg/kg Panacur.

Lab Results: Elevated Neutrophil 13154 and Monocyte 1620, Hypoalbumin 1.9.

Radiographs: Soft tissue opacity colonic, no signs of obstruction.

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

Imaging Performed By: Rachel Brillhart, RDMS.

**SPECIES**

Canine

**BREED**

Mastiff

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN****SEX**

Male

**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 were noted. Ureteral papillae were normal.

**AGE**

6 years

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 left kidney measured 10.7 cm in length. The right kidney measured 11.25 cm in length.

**WEIGHT**

152.5 pounds

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. The prostate measured 5 cm. The testicles image found to be uniform, no evident pathology was noted.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**HOSPITAL NAME**

All Creatures  
Veterinary Services

**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 measured 3.42 cm in length by 0.75 cm caudal pole width by 0.65 cm cranial pole width. The right adrenal gland measured 4.0 cm in length by 1.06 cm caudal pole width by 1.15 cm cranial pole width.

**REFERRING VET**

Dr. Keys

**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 were noted.

**INVOICE**

10428ag

**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. A deviation of the descending colon was noted owing to the prostatomegaly. The colon revealed soft stool yet no evidence of structural disease. 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***

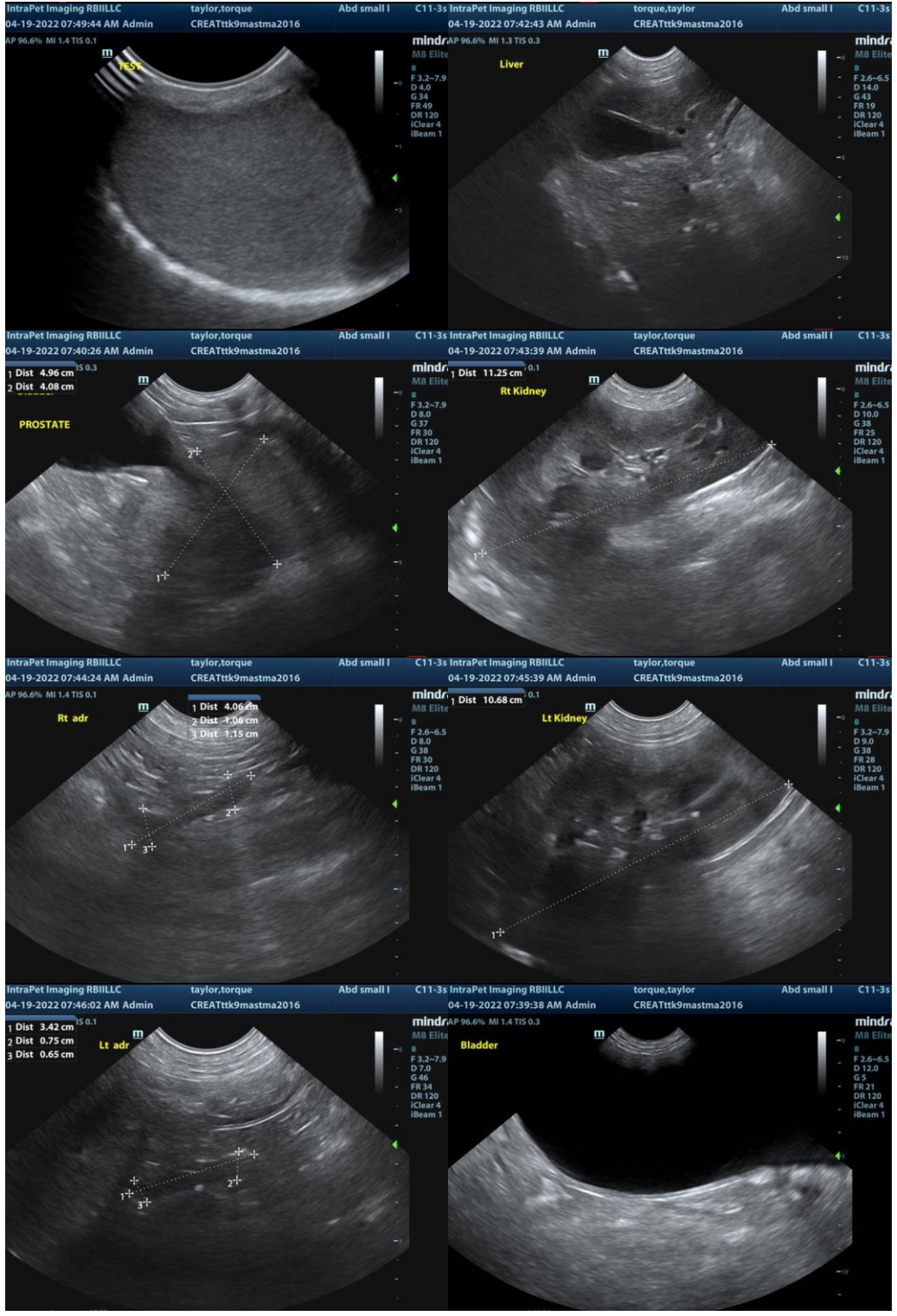
An ileac lymph node presented normal length to width ratio with slight, swollen contour measuring 2 cm x 1 cm. There was no loss of parenchymal detail. This is most consistent with reactive lymphadenitis or lymphatic hyperplasia. Mesenteric lymph nodes were enlarged an example measuring 2 cm x 1 cm.

## **ULTRASONOGRAPHIC FINDINGS**

- BPH prostate-likely low-grade prostatitis

## **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

These prostate 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.



**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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