

**DATE**

9/9/22

**PRESENTING CLINICAL SIGNS**

History: Abdominal mass noted at ER, possible syncopal episode.

**PATIENT**

Ace Davis

Current Medications: None.

Lab Results: WNL.

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Offered and declined by clinic.

Imaging Performed By: Stephanie Warga RDCS, RVT.

**SPECIES**

Canine

**BREED**

Pitbull

**SEX**

Intact Male

**AGE**

1/7/14

**WEIGHT**

71.8 Pounds

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN****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.

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 moderate and 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 prostate measured 3.52 cm.

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 6.84 cm. The right kidney measured 6.66 cm.

**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 2.61 cm x 0.68 cm at the caudal pole and 0.48 cm at the cranial pole. The right adrenal gland measured 2.3 cm x 0.61 cm at the caudal pole and 0.91 cm at the cranial pole.

**Spleen**

The **spleen** revealed expansive mixed hypoechoic complex masses, measuring up to 7.0 cm, deriving from the caudal pole. A 3.76 cm mass was noted, deriving from the cranial pole.

**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

**INTERPRETED BY**

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**HOSPITAL NAME**

Aberdeen VC

**REFERRING VET**

Dr. Fritz

**INVOICE**

17238

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.

### **Other**

The **testicles** were imaged and found to be uniform with no evidence of pathology, other than minor age-related changes.

A rapid view of the **heart** revealed no evident pathology in the right auricle.

## **ULTRASONOGRAPHIC FINDINGS**

- Splenic masses
- Mild BPH prostate

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

No obvious metastatic disease, although micrometastasis cannot be ruled out. Chest radiographs are recommended. If no evident pathology, then splenectomy and liver inspection and biopsy are indicated. Hemangiosarcoma or other sarcoma is suspected. Nonneoplastic lesions possible yet unlikely.





**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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